BROOKFIELD COMMONS PHASE 3

159 S. LEXINGTON AVENUE

WHITE PLAINS, NEW YORK

Remedial Action Work Plan

NYSDEC BCP Number: C360246

AKRF Project Number: 210122

Prepared for:

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CERTIFICATION STATEMENT

I, Rebecca Kinal, PE, certify that I am currently a NYS registered professional engineer and that this Remedial Action Work Plan was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and Green Remediation (DER-31).

Rebecca A. Kinal	DRAFT	DRAFT
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LIST OF ACRONYMS

Acronym	Definition
AGV	Air Guidance Value
AKRF	AKRF, Inc.
AOC	Area of Concern
AWQSGV	Ambient Water Quality Standard and Guidance Value
BCA	Brownfield Cleanup Agreement
BCP	Brownfield Cleanup Program
BOA	Brownfield Opportunity Area
BTEX	VOCs associated with petroleum (benzene, toluene, ethylbenzene, and xylenes)
C&D	Construction and Demolition
CAMP	Construction Air Monitoring Plan
CEQR	City Environmental Quality Review
CFR	Code of Federal Regulations
CHASP	Construction Health and Safety Plan
COC	Certificate of Completion
CPP	Citizen Participation Plan
CQAP	Construction Quality Assurance Plan
CSOP	Contractors Site Operation Plan
DCR	Declaration of Covenants and Restrictions
ECL	Environmental Conservation Law
ECs/ICs	Engineering Controls and Institutional Controls
ELAP	NYS Environmental Laboratory Approval Program
EM	Electromagnetic
ESA	Environmental Site Assessment
FER	Final Engineering Report
GPR	Ground Penetrating Radar
HASP	Health and Safety Plan
HAZWOPER	Hazardous Waste Operations Emergency Response
IRM	Interim Remedial Measure
LBP	Lead-Based Paint
MNA	Monitored Natural Attenuation
NOC	Notice of Completion
NYC DOHMH	New York State Department of Health and Mental Hygiene
NYC OER	New York City Office of Environmental Remediation
NYC VCP	New York City Voluntary Cleanup Program
NYCDEP	New York City Department of Environmental Protection
NYCRR	New York Codes Rules and Regulations
NYS DEC	New York State Department of Environmental Conservation
NYS DEC DER	New York State Department of Environmental Conservation Division of Environmental Remediation
NYSDOH	New York State Department of Health

Acronym	Definition
NYSDOT	New York State Department of Transportation
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Housing
OSHA	United States Occupational Health and Safety Administration
PCB	Polychlorinated Biphenyl
PCE	Tetrachloroethene
PE	Professional Engineer
PID	Photo Ionization Detector
QAPP	Quality Assurance Project Plan
QEP	Qualified Environmental Professional
QHHEA	Qualitative Human Health Exposure Assessment
RAOs	Remedial Action Objectives
RAWP	Remedial Action Work Plan
RCA	Recycled Concrete Aggregate
RD	Remedial Design
RE	Remedial Engineer
RI	Remedial Investigation
RIR	Remedial Investigation Report
RMZ	Residual Management Zone
RRSCOs	Restricted Residential Soil Cleanup Objectives
SCG	Standards, Criteria and Guidance
SCOs	Soil Cleanup Objectives
SMP	Site Management Plan
SPDES	State Pollutant Discharge Elimination System
SRI	Supplemental Remedial Investigation
SRIR	Supplemental Remedial Investigation Report
SSDS	Sub-Slab Depressurization System
SVE	Soil Vapor Extraction
SVOC	Semi-Volatile Organic Compound
SWPP	Storm Water Pollution Prevention
TAL	Target Analyte List
TCL	Target Compound List
USGS	United States Geological Survey
UST	Underground Storage Tank
UUSCOs	Unrestricted Use Soil Cleanup Objectives
VCA	Voluntary Cleanup Agreement
VOC	Volatile Organic Compound

EXECUTIVE SUMMARY

Trinity Brookfield Commons Phase Three Limited Partnership (the "Volunteer") entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in February 2024, to investigate and remediate a 1.284-acre property located at 159 South Lexington Avenue in White Plains in Westchester County, New York. Trinity Brookfield Commons Phase Three Limited Partnership is a Volunteer in the Brownfield Cleanup Program. Restricted Residential use is proposed for the property. When completed, the Site will contain an 11-story, 168-unit multi-family mixed-income affordable housing building. The Site location is shown on Figure 1, and a Site Plan is provided as Figure 2.

This Remedial Action Work Plan (RAWP) summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI), performed between May 6 and February 18, 2026, and provides an evaluation of a Track 1 cleanup and other applicable Remedial Action alternatives, their associated costs, and the recommended and preferred remedy.

Site Description/Physical Setting/Site History

The Site (NYSDEC BCP Number: C360246) is located in the County of Westchester, City of White Plains, New York and is identified as part of Tax Block 7, Part of Lot 1, Section 125.83 on the City of White Plains Tax Map. A United States Geological Survey (USGS) topographical quadrangle map (Figure 1) shows the Site location. The Site is situated on an approximately 1.284-acre parcel. The Site is bounded to the north and east by a new Brookfield Commons` multi-story residential apartment building, known as "Phase 2 or The Overture"; to the south by a parking lot associated with the Winbrook complex, followed by a vacant lot and various commercial uses and former filling stations; and to the west by South Lexington Avenue, followed by various commercial uses (see Figure 3).

The Site was vacant as early as 1900. Between 1900 and 1930, the Property was developed with small residential buildings and associated garages, multiple three- to four-story apartment buildings, an upholsterer, and an auto repair shop. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949 through 1950 as part of the Winbrook housing complex. The Site, which is currently vacant, has been owned by the White Plains Housing Authority since 1982.

Previous environmental reports prepared for the Site identified Recognized Environmental Conditions (RECs), at the Site associated with historical land uses including an auto repair and an upholsterer.

Summary of the Remedial Investigation

The RI, Supplemental RI, Supplemental Groundwater Investigation (SGWI), Supplemental Bedrock Groundwater Investigation Phase I (SBGWI-I), Supplemental Bedrock Groundwater Investigation – Phase II (SBGWI-II), and Addendum to the SBGWI-II (SBGWI-II Addendum) field work (collectively referred to as the "RI") were performed between May 2024 and February 2026 at the "Brookfield Commons Phase 3" project site, located at 159 South Lexington Avenue in White Plains, NY. The RI included the following scope of work:

1. Completion of a geophysical survey across accessible portions of the Site to investigate the potential presence of underground storage tanks (USTs) and/or buried aboveground storage tanks (ASTs) from past on-site uses, and to clear boring locations of underground utilities.
2. Advancement of 25 soil borings (including two off-site borings) and collection of 49 soil samples [plus associated quality assurance/quality control (QA/QC) samples] for laboratory analysis.

3. Installation of 46 permanent groundwater monitoring wells (including three off-Site locations), development of the wells, and collection of 46 groundwater samples. The monitoring wells included 21 wells screened in the overburden and 25 wells screened in bedrock.
4. Downhole geophysical logging of bedrock borings with the exception of RI-MW-09BR, RI-MW-10BR and RI-MW-11BR. Installation of "blank" flute liners in open boreholes for wells RI-MW-10BR-D-II, RI-MW-11BR-D-II and RI-MW-16BR-D-II to minimize potential vertical migration of contamination while awaiting approval of well construction details.
5. Installation of 12 temporary soil vapor points and collection of 12 soil vapor samples and one ambient air sample for laboratory analysis. The soil vapor and ambient air samples were analyzed for VOCs by EPA Method TO-15.

Geological and Hydrogeological Conditions

Historic fill (sand, silt, gravel, and cobbles, with varying amounts of brick, concrete, asphalt, glass, plastic, and wood) was observed extending from ground surface down to depths ranging from approximately 0 to 16 feet below grade. The fill layer is generally underlain by apparent native soil (silt, sand, clay, silty clay, gravel) and weathered bedrock extending to competent bedrock between approximately 8 to 25 feet below grade in the exterior borings and approximately 2.5 to 6 feet below grade in the soil borings advanced in the building basement. A semi-confining layer consisting of clay and/or silt was observed below the fill material in all soil borings, at depths ranging from approximately 1 to 5 feet below grade, with an approximate thickness of 2 to 12.5 feet.

Groundwater was encountered between 0.2 to 7 feet below grade during the RI, with the shallowest depth to water occurring below the current vacant building basement slab. Groundwater elevations across the Site range between 197.56 and 193.04 feet (NAVD88), and the inferred groundwater flow direction across the Site is generally to the north-northwest, with some variability influenced by flow through porous media in the overburden versus flow through discrete fractures in the bedrock, and by connectivity of individual fractures in the bedrock. However, groundwater flow in overburden and bedrock between ground surface and 100 feet bgs in bedrock across the Site is generally consistent, which indicates a high degree of connectivity between the overburden and the discrete bedrock fracture network on-Site, and indicates that regional groundwater flow direction in this area is generally to the north-northwest.

Regional bedrock geology in the White Plains, New York area is characterized by bands of Inwood marble and Fordham and Yonkers Gneiss, which were folded into northeast-trending elongated synclines and anticlines during the Taconic Orogeny [circa 400 million years ago]. Based on visual observations of the bedrock cores, as well as a review of the downhole geophysical optical televiewer (OTV) logs, bedrock at the Site appears to be an unspecified highly metamorphic unit, which is likely the product of mixing between the Inwood Marble and adjacent gneiss units during metamorphism. Across much of the Site, the bedrock heavily resembles the Fordham Gneiss (characterized by black-and-white banded, intensely folded, and contorted layers of quartz, orthoclase feldspar, biotite mica, and hornblende). However, RI-MW-09D, which is located in the northwest corner of the Site, appears to have a slightly different mineral composition with depth, likely due to its proximity to the contact with the Inwood Marble. The bedrock encountered at this location was still reminiscent of the Fordham Gneiss in the shallow bedrock but transitions to a more massive rock with many garnet intrusions below 120 feet.

Remedial Investigation Summary

Data collected as part of the RI, Supplemental RI (SRI), Supplemental GWI, and Supplemental BGWI work has been incorporated into this RIR, as detailed in Table ES1.

Table ES1
Remedial Investigation Summary

Media	RI	SRI	SGWI	SBGWI-I	SBGWI-II	SBGWI-II (Addendum)	Total	Total (on-site)	Total (off-site)
Soil Borings	14	2	7	0	2	0	25	23	2
Soil Samples	37	7	9	0	4	0	57	49	8
Groundwater Wells	11	2	9	8	12	4	46	43	3
Groundwater Samples	11	2	9	8	12	4	46	43	3
Soil Vapor Points	7	5	0	0	0	0	12	11	1
Soil Vapor Samples	7	5	0	0	0	0	12	11	1

Summary of Environmental Findings

Field Findings

Field evidence of suspected residual petroleum contamination was observed in five soil borings (RI-SB-05, RI-SB-09, RI-SB-15, RI-SB-16, and off-Site RI-SB-14) and several groundwater monitoring wells during the RI. No evidence of non-aqueous phase liquid (NAPL) was encountered during the RI.

Soil

A total of 37 RI, seven Supplemental RI, nine Supplemental GWI, and four Supplemental BGWI-II soil samples (plus associated QA/QC samples) were submitted for laboratory analysis, with one to five samples collected from each soil boring location, including eight off-Site samples. Forty-four of the soil samples were analyzed for NYSDEC Part 375/Target Compound List (TCL) VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, polychlorinated biphenyls (PCBs) by EPA Method 8082, pesticides by EPA Method 8081, the TAL metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A, cyanide by EPA Method 9012B, 1,4-dioxane by EPA Method 8270D Selective Ion Monitoring (SIM), and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. Thirteen soil samples collected as part of the SGWI and SBGWIP-II were analyzed for VOCs only. The findings are summarized below:

- One VOC (acetone) was detected at a concentration above its UUSCOs and PGWSCOs, but below the RRSCOs, in nine soil samples. While not detected in the associated laboratory blanks, acetone is a common laboratory agent; therefore, the acetone detections in soil samples may not be reflective of on-site contamination.
- Nine SVOCs [benzo(a)anthracene, benzo(a)pyrene, benzo(b)fluoranthene, benzo(g,h,i)perylene, benzo(k)fluoranthene, chrysene, dibenz(a,h)anthracene, and indeno(1,2,3-cd)pyrene, and phenanthrene] were detected at concentrations above their respective RRSCOs, PGWSCOs, and/or UUSCOs in up to three soil samples. The SVOCs in the shallow soil samples [collected from surface (0 to 2 inches) and 0 to 2 feet bgs] are primarily attributed to historic on-Site uses and historic fill material, which was encountered throughout the Site. The SVOCs detected in the sample collected from 5 to 7 feet bgs at soil boring RI-SB-11 in the central portion of the Site may be attributable to residual petroleum contamination from historic on-Site uses.

- Three pesticides (P,P'-DDD, P,P'-DDE and P,P'-DDT) were detected at concentrations above their respective UUSCOs, but below the RRSCOs and PGWSCOs in up to eight soil samples (including off-Site sample location RI-SB-01). The pesticide detections in soil samples are attributed to historic fill material and/or the historical use of pesticides at the Site; however, the results are not indicative of a large-scale release or source area.
- Total PCBs were detected at a concentration above the UUSCO, but below the RRSCO and PGWSCO, in one soil sample. The PCB detection in shallow soil samples [collected from 0 to 2 feet bgs] is attributed to historic fill material.
- Seven metals (barium, hexavalent chromium, copper, lead, mercury, nickel, and zinc) were detected at concentrations above their respective UUSCOs in up to 21 soil samples, including off-Site sample location RI-SB-01. Barium and lead were detected at concentrations above their respective PGWSCOs in up to three soil samples; barium, hexavalent chromium, and lead, and mercury were detected at concentrations above their respective RRSCOs in up to four soil samples. The metals detected in soil samples are generally attributed to historic fill material, potential airborne deposition, historical on-Site uses, and/or naturally occurring background conditions.
- The PFAS compounds perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were detected at concentrations above their respective UUGVs and PGWGVs, but below their respective RRGVs, in up to 11 soil samples, including off-Site RI-SB-01. The highest PFOS and PFOA detections concentrations were generally found in the shallow soil samples, and therefore, are attributed to historic fill material, and not to a release or other on-site source area.

Groundwater

A total of 46 groundwater samples (plus associated QA/QC samples) were submitted for laboratory analysis, including three off-Site samples. Thirteen of the samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, total (unfiltered) and dissolved (filtered) TAL metals by EPA Method 6000/7000 series, PFAS by Modified EPA Method 1633, and 1,4-dioxane by EPA Method 8270 SIM, and 33 of the samples were analyzed for VOCs by EPA Method 8260. The groundwater sample analytical results were compared to the NYSDEC Class GA AWQSGVs and the NYSDEC PFAS guidance values. These standards are drinking water standards, although groundwater in the White Plains is not used as a source of potable water. The findings are summarized below:

- Eighteen VOCs, including chlorinated solvents and petroleum-related compounds, were detected at concentrations above their respective AWQSGVs in one or more groundwater samples, including two off-Site samples. The VOCs detected in groundwater are attributed to a combination of historic uses of former buildings/structures at the Site including a historic on-Site auto repair and an upholsterer, and suspected off-Site sources/uses, including a former dry cleaner located to the southwest of the Site, and less contributing sources, including NYSDEC Spills to the south of the Site and numerous nearby closed-status petroleum spills, a second former drycleaner west of the Site, petroleum bulk storage facilities (including two former gas stations south of the Site), a vulcanizer, hazardous waste generators (including generators of chlorinated solvents), a State BCP site, .
- Five metals (iron, lead, magnesium, manganese, and sodium) were detected in the total (unfiltered) groundwater samples above the AWQSGVs in one or more samples, including three off-Site samples. Three metals (manganese, magnesium, and sodium) were detected above the AWQSGVs in one or more of the filtered groundwater samples, including three off-Site samples. The metals detected in groundwater are attributed to sediment entrained in the sample and/or naturally occurring background conditions typical of the area surrounding the Site.

- PFAS was detected in all of the groundwater samples, including off-Site samples, with PFOS and PFOA being detected above their respective guidance values. 1,4-Dioxane was not detected above its laboratory reporting limit in any of the groundwater samples. PFOA and PFOS concentrations in groundwater appear to be relatively consistent across the Site, with the highest concentration of PFOS being detected in an off-Site monitoring well, indicating that the PFAS detections observed at the Site are likely indicative of a regional groundwater condition and not an on-Site source. While it is unknown whether any products containing PFAS were historically used at the Site, the detections of PFAS from on-site and off-site sampling locations were relatively consistent, typical of levels found in fill material, and not indicative of a specific on-site source. Based on the historical Site uses and the PFAS results for the soil and groundwater samples collected during the RI, the PFOS and PFOA detections in groundwater are attributable to regional background conditions, an off-Site source(s), and/or sediment entrained in the sample, and not to a large on-site release or other on-site source area.

Soil Vapor

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site. A total of 16 soil vapor samples were collected from the initial 12 temporary soil vapor points installed across the Site and the four supplemental delineation soil vapor points. Petroleum-related VOCs [including benzene, toluene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, benzene, butane, cyclohexane, methyl ethyl ketone (2-butanone), methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane, and tert-butyl methyl ether] were detected in one or more samples at concentrations up to 28,000 micrograms per cubic meter ($\mu g/m^3$) (2,2,4-trimethylpentane in off-Site RI-SV-06).Chlorinated solvent-related compounds [including carbon tetrachloride, cis-1,2-dichloroethylene, PCE, TCE, and vinyl chloride] were detected in one or more samples at concentrations up to 13,000 $\mu g/m^3$ (carbon tetrachloride in RI-SV-04). The chlorinated VOC, PCE, was detected in 10 of the RI soil vapor samples at a maximum concentration of 42 $\mu g/m^3$.

The petroleum-related VOCs in off-Site soil vapor sample RI-SV-06 are likely attributable to petroleum contamination from the petroleum releases south of the Site and the carbon tetrachloride concentration and attributed to either an on-Site source area or anomaly.

Conceptual Site Model

Concentrations of COCs and potential COCs in soil/fill, groundwater, and soil vapor have been characterized across the Site to the extent practical. This RI, along with the findings from previous environmental investigations of the Site, concluded that contaminated soil/fill, groundwater, and soil vapor are present at the Site. The primary COCs at the Site include: metals and SVOCs in soil/fill material across the Site; chlorinated solvent-related VOCs in groundwater across the Site (in overburden and bedrock), and to a lesser extent, petroleum-related VOCs in groundwater in the south/southeastern portion of the Site; and chlorinated solvent-related VOCs in soil vapor in the western portion of the Site, and to a lesser extent, petroleum-related VOCs in soil vapor in the southeastern portion of the Site..

The primary COCs are related to:

1. Historical uses of former buildings/structures at the Site, including an auto repair located in the northern portion of the site and an upholsterer located in the southern portion of the Site;
2. Historical uses of off-Site properties consisting of historic drycleaners located west and southwest of the Site;
3. Potential petroleum impacts in soil, groundwater and/or soil vapor associated with numerous nearby active- and closed-status petroleum spills, petroleum bulk storage facilities (including two former gas stations south of the Site), a vulcanizer, hazardous waste generators (including generators of chlorinated

solvents), a State BCP site reported in regulatory databases, and closed-status spills located on off-site areas of the Winbrook complex; and

4. Historic fill materials.

Based on the results of the RI and supported by the findings from previous environmental investigations of the Site, ARKF has identified seven areas of concern (AOCs) to be addressed concurrently with future redevelopment activities at the site.

Table ES2 summarizes the identified AOCs.

Table ES2
Areas of Concern

AOC	Description	Affected Media	Contaminants of Concern	Depth Interval	Data to Support Determination
1	Site-Wide Shallow Contamination	Soil	Metals and SVOCs	0-2 feet bgs	RI Data (Multiple Soil Samples)
2	Hotspot at RI-SB-11	Soil	SVOCs and Metals	2-7 feet bgs	RI-SB-11_5-7_20240507
3	Hotspot at RI-SB-05	Soil	Metals	2-4 feet bgs	RI-SB-05_2-4_20240506
4	Hotspot at RI-SB-13	Soil	Metals	1.5-3.5 feet below basement slab of existing building	RI-SB-13_1.5-3.5_20240513
5	Hotspot at RI-SV-04	Soil Vapor	Chlorinated Solvent (Carbon Tetrachloride)	2-4 feet bgs (depth of GW)	RI-SV-04 and step out samples RI-SV-04A-D
6	Contamination in overburden groundwater	Groundwater	Chlorinated Solvents (PCE, TCE, c-DCE and vinyl chloride), Petroleum-Related Compounds (benzene, isopropylbenzene, n-propylbenzene, and sec-butylbenzene), acetone and chloroform	4-25 feet bgs	Multiple Overburden Wells
7	Site-wide contamination in bedrock groundwater	Groundwater	Chlorinated Solvents (PCE, TCE, c-DCE and vinyl chloride), Petroleum-Related Compounds (tert-butyl methyl ether), acetone and chloroform	8 to 318 feet bgs	Multiple Bedrock Wells

Note:
AOC = Area of Concern

PCE results in overburden and shallow, intermediate, and deep bedrock wells along the southern Site boundary, including overburden wells RI-MW-03, RI-MW-13D and RI-MW-04 (all 1 ppb) and the overburden, and shallow, intermediate and deep bedrock well cluster RI-MW-15 were all below 5 ppb (0.34 to 4 ppb). These lower concentrations of PCE in the southern part of the Site indicate that the suspected primary source(s) of chlorinated solvents in bedrock are off-Site to the southwest (the former dry cleaner) and on-Site (the former upholster located north of these wells). The former on-Site automobile repair

facility (on northern portion of Site) and second off-Site dry cleaner (to the west of the Site) may have also contributed to contamination at the Site.

Based on the geophysical bedrock analysis, two dominant fracture sets are present at the Site: a steeply dipping (approximately 55 to 75 degree) west-northwest striking set, and a shallow dipping (approximately 15 to 30 degree) east-southeast striking set. Therefore, PCE-contaminated groundwater may have entered bedrock through steeply dipping northwest trending fractures in the southwest (on-Site and/or off-Site) and traveled across the Site in shallow dipping fractures spreading across the Site horizontally and in a north-northwesterly direction (following regional groundwater flow direction).

Qualitative Human Health Exposure Assessment

The Site currently contains a vacant nine-story apartment building with a basement and surrounding lawns and walkways in the north, western, and central portions of the Site, an active asphalt-paved parking lot in the southern portion of the Site, and a vacant asphalt/concrete lot, secured by a fence with locked gates, in the eastern portion of the Site. There are no areas where shallow fill material is exposed. Currently, there is a potential exposure pathway from soil vapor intrusion into the existing building; however, as the building is currently vacant it is not expected that the exposure pathway would become complete. There is also a potential exposure pathway from soil vapor intrusion into the adjacent structures, other than the recently constructed north-adjacent building at 135 South Lexington Avenue which included vapor mitigation construction details (including a passive SSDS and vapor barrier). The on-Site apartment building was vacated in 2023, to allow for the current redevelopment of the Site. No ground intrusive work (or other activities that could potentially result in the generation of dust) have been (since the date of the BCA) or will be conducted without implementation of a NYSDEC-approved CAMP and HASP; therefore, ingestion, inhalation, or dermal contact with contaminants in soil/fill, groundwater, and/or soil vapor is unlikely. Table ES3 summarizes the overall human health exposure assessment.

Table ES3
Overall Human Health Exposure Assessment

Environmental Media	Exposure Route	Exposure Assessment
Direct contact with surface soil/fill material (or incidental ingestion)	Direct Contact or Ingestion	- The Site is currently vacant, and contains a vacant building, an active asphalt parking lot, a vacant paved lot, and surrounding lawns and walkways. - No ground-intrusive work or other activities that could potentially result in the generation of dust will be conducted without implementation of a NYSDEC-approved CAMP and HASP. - A composite cover system and appropriate engineering and institutional controls should be specified in a RAWP for areas where contaminants of concern remain in soil in exceedance of applicable use-based SCOs.
Direct contact with subsurface soil/fill material (or incidental ingestion)		
Direct contact with groundwater (or incidental ingestion)	Direct Contact or Ingestion	- Groundwater at the Site is not used as a source of potable water or for production purposes. - The Site and surrounding area are serviced by municipal drinking water service. There are no known domestic water supply wells in the area. - There are no surface water bodies or otherwise for potential direct contact or ingestion of groundwater/surface water. - The RAWP should include appropriate treatment and/or monitoring of any on-site sources of groundwater contamination.

Environmental Media	Exposure Route	Exposure Assessment
Inhalation of Soil Vapor (related to soil vapor intrusion)	Inhalation	- The on-Site building is currently vacant and will be demolished prior to redevelopment of the Site. - The new on-Site building will include a vapor barrier and an active SSDS. - A Soil Vapor Intrusion Evaluation (SVIE) will be performed prior to building occupancy. - The RAWP includes a contingency for a Soil Vapor Extraction (SVE) System (SVES), which will be installed if site conditions and endpoint sample results indicate a CVOC source in soil or soil vapor remains after soil removal. - Limited VOC impacts were observed in shallow groundwater at the Site as compared to higher VOC concentrations in deeper groundwater both in the deeper overburden and bedrock wells. While VOCs in shallow groundwater poses a minimal risk for potential vapor intrusion, particularly for off-Site receptors, the RAWP should include treatment of groundwater to address to potential on-Site sources of contamination and prevent off-Site migration that could be a source of vapor intrusion.
Notes: BCA – brownfield cleanup agreement; RAWP – Remedial Action Work Plan; SCOs – Soil Cleanup Objectives; CAMP – community air monitoring plan; HASP – health and safety plan		

Fish and Wildlife Assessment (FWIA)

The RI for this Site did not identify fish and wildlife resources.

Summary of the Remedy

Remedial activities will be performed at the Site in accordance with this RAWP and the NYSDEC-issued Decision Document (DD). All deviations from this RAWP and/or the DD will be promptly reported to NYSDEC for approval and will be fully explained in the Final Engineering Report (FER).

The proposed remedy is a Track 2 Restricted Residential cleanup, with a Track 4 contingency. 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. Track 2 soil cleanup objectives (SCOs) will be established for the Site, which will consist of PGWSCOs for CVOCs and RRSCOs for all other compounds. As a contingency, in the event that a Track 2 restricted residential use cleanup is not achieved for some or all portions of the Site, the remedy will achieve a Track 4 Site-specific cleanup in the associated areas with ECs and ICs to address residual material exceeding the Track 2 SCOs. The proposed remedy includes the following:

1. A remedial 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;
- 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 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 Department accepted tool. Water consumption, greenhouse gas emissions, renewable and non-renewable 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 program, as appropriate. The project 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 program.

  Additionally, the remedial 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 program will incorporate measures to minimize the impact of climate change on potential identified vulnerabilities.

2. The proposed remedy is a Track 2 Restricted Residential cleanup, with a Track 4 contingency.
3. The existing on-site buildings will be demolished and materials that cannot be beneficially reused on-site will be taken off-site for proper disposal in order to implement the remedy.
4. Establishment of Track 2 soil cleanup objectives (SCOs) for the Site, which will consist of PGWSCOs for CVOCs and RRSCOs for all other compounds. Excluding defined source areas, Track 2 SCOs would apply to 15 feet bgs. As a contingency, in the event that Track 2 SCOs are not achieved for some or all portions of the Site, the remedy will achieve a Track 4 Site-specific cleanup in the associated areas. ECs and ICs will be implemented to address residual contaminated material.
5. Excavation of four areas of concern (AOCs) to address metals and/or SVOCs that were detected above their respective UUSCOs, including: Removal of approximately 470 cubic yards of soil/fill from the hot spots areas and approximately 3,500 cubic yards of soil/fill from across the remaining portions of the Site, with additional excavation of deeper source material in some areas, to the extent practical, if needed to achieve Track 2 SCOs based on a PDI and endpoint sampling. Installation of SOE and dewatering will be conducted to facilitate soil excavation below the water table, as needed. It is anticipated that the soil excavation outside the hot spots will extend to an average of approximately 2

feet bgs to remove shallow material exceeding the Track 2 SCOs. All excavated soil will be properly handled and disposed of off-site in accordance with applicable regulations.

6. A Site-specific HASP and CAMP will be implemented during building demolition and all ground-intrusive Site activities, which includes soil disturbance and loading activities and demolition of the building, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.
7. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work;
8. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 2 SCOs;
9. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
10. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations;
11. The performance of an in-situ groundwater treatment program and subsequent monitoring of CVOCs in groundwater. The treatment program will be conducted following remedial excavation and will include in-situ treatment of residual CVOCs utilizing chemical oxidation (ISCO) and/or bioremediation/reductive dechlorination reagents with the treatment zone in the overburden extending from the water table down to bedrock and in bedrock extending up to 100 feet bgs;
12. Installation and operation of an active sub-slab depressurization system (SSDS) below the new building foundation to prevent vapor intrusion into the proposed building;
13. Removal of approximately 200 cubic yards of soil/fill from the hot spot at AOC-3, as described above in #4, will also serve to address elevated soil vapor concentrations in AOC-5. In addition, the remedy includes a contingency for a soil vapor extraction system (SVES) at RI-SV-04 (AOC-5);
14. Importation of clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) to replace the excavated soil/fill and/or establish the design grades as necessary. On-site soil/fill that does not exceed the Track 2 SCOs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-Dx will not be imported, per Division of Environmental Remediation (DER)-10: Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4I. In accordance with the January 2021 NYSDEC-issued PFAS sampling protocol ["Guidelines for Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs"], if PFOA or PFOS are detected in any sample at or above 33 ppb and 44 ppb, respectively, the material will not be reused or imported unless a Site-specific exemption is provided based on Synthetic Precipitation Leaching Procedure (SPLP) testing. If the SPLP results exceed 10 parts per trillion (ppt) for either PFOA or PFOS (individually), the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a Request to Import/Reuse Soil or Fill form for review and approval prior to importation and placement on-site.
15. If some areas of soil/fill exceeding the Track 2 SCOs cannot be practicably removed, the remedy for that portion of the Site would revert to a Track 4 Cleanup, and a composite cover system would be installed and maintained in that area to prevent human exposure to residual contaminants in soil/fill remaining under the Site. The cover system would consist of: (1) a minimum 2-foot clean fill buffer with demarcation barrier in all landscaped and non-covered areas, (2) concrete building foundations underlain by a minimum 20-mil vapor barrier membrane, which doubles as a demarcation barrier, in

areas within the building footprint; and/or (3) paved surfaces underlain by a demarcation barrier in areas of driveways, sidewalks, and paved courtyards. Any fill material brought to the Site will meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d).

16. An Environmental Easement (EE) will be recorded with the Westchester County Clerk's Office. The EE will: require the remedial parties/Site owners to complete and submit a periodic certification of institutional controls (ICs) and engineering controls (ECs) to NYSDEC in accordance with NYCRR Part 375-1.8 (h)(3); allow for the future redevelopment and use of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; prohibit the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by NYSDOH and Westchester County Department of Health; and require compliance with a site-specific, NYSDEC-approved, SMP for any future ground-intrusive work;
17. Publication of a Site Management Plan for long term management of residual contamination as required by the Environmental Easement, including plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting. If at Track 4 Cleanup is selected in any areas of the Site, soil management provisions will be included in the SMP, including an Excavation Work Plan.
18. All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, will be addressed in accordance with all applicable Federal, State and local rules and regulations.

REMEDIAL ACTION WORK PLAN

1.0 INTRODUCTION

Trinity Brookfield Commons Phase Three Limited Partnership entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in February 2024, to investigate and remediate a 1.284-acre property located at 159 South Lexington Avenue in White Plains in Westchester County in New York. Trinity Brookfield Commons Phase Three Limited Partnership is a Volunteer in the Brownfield Cleanup Program. Restricted Residential use is proposed for the property. When completed, the Site will contain an 11-story, 168-unit multi-family mixed-income affordable housing building. Refer to the Brownfield Cleanup Program (BCP) application for additional details.

This Remedial Action Work Plan (RAWP) summarizes the nature and extent of contamination as determined from data gathered during the Remedial Investigation (RI), performed between May 6, 2024 and February 27, 2026. It provides an evaluation of a Track 1 cleanup and other applicable Remedial Action alternatives, their associated costs, and the recommended and preferred remedy. The remedy described in this document is consistent with the procedures defined in DER-10, DER-31, and complies with all applicable standards, criteria and guidance. The remedy described in this document also complies with all applicable Federal, State and local laws, regulations and requirements. The NYSDEC and New York State Department of Health (NYSDOH) have not yet determined that this Site does or does not pose a significant threat to human health and the environment. The RI for this Site did not identify fish and wildlife resources.

Following submission of the RAWP, a formal Groundwater Remedial Design Report will be prepared and submitted to NYSDEC for review and approval by late 2026.

1.1 Site Location and Description

The Site is located in the County of Westchester, City of White Plains, New York and is identified as part of Tax Block 7, Part of Lot 1, Section 125.83 on the City of White Plains Tax Map. A United States Geological Survey (USGS) topographical quadrangle map (Figure 1) shows the Site location. The Site is situated on an approximately 1.284-acre parcel. The Site is bounded to the north and east by a new Brookfield Commons multi-story residential apartment building, known as "Phase 2 or The Overture"; to the south by a parking lot associated with the Winbrook complex, followed by a vacant lot and various commercial uses and former filling stations; and to the west by South Lexington Avenue, followed by various commercial uses (see Figure 2, Site Plan and Sampling Locations, and Figure 3, Surrounding Land Use). A boundary map is attached to the BCA as required by Environmental Conservation Law (ECL) Title 14 Section 27-1419. The 1.284-acre property is fully described in Appendix A – Metes and Bounds. A global positioning system coordinate for the starting point is included.

1.2 Contemplated Redevelopment Plan

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

The proposed redevelopment project (Brookfield Commons Phase 3) includes an 11-story, 168-unit multi-family residential building with approximately 2,200 square feet of community space and associated parking for each use. The proposed redevelopment plan is provided in Appendix B.

1.3 Description of Surrounding Property

The Site is bounded to the north and east by a new Brookfield Commons multi-story residential apartment building, known as "Phase 2 or The Overture"; to the south by a parking lot associated with the Winbrook complex, followed by a vacant lot and various commercial uses and former filling stations; and to the west by South Lexington Avenue, followed by various commercial use. The area surrounding the Site generally consists of mixed-use commercial, residential, and institutional properties.

The nearest sensitive receptors (i.e., schools, daycares, or hospitals) include White Plains Hospital (approximately 156 feet southeast of the Site at 41 East Post Road in White Plains, NY), Bethel Baptist Church (approximately 500 feet northeast of the Site at 1 Fisher Court in White Plains, NY), Passage to Excellence Corporation (approximately 500 feet northeast of the Site located at 1 Fisher Court in White Plains, NY), Thomas H. Slater Center (approximately 730 feet northeast of the Site at 2 Fisher Court in White Plains, NY), and Lia's Day Care/Lia Da Rocha (approximately 1,100 feet south of the Site located at 236 South Lexington Avenue in White Plains, NY).

Surrounding land use is shown on Figure 3.

2.0 DESCRIPTION OF REMEDIAL INVESTIGATION FINDINGS

The Site was investigated in accordance with the scope of work presented in the NYSDEC-approved Remedial Investigation (RI) Work Plan dated May 2024. The investigation was conducted between May 6, 2024 and February 27, 2026. Draft RI Reports (RIR) were submitted to NYSDEC on October 21, 2024 and December 23, 2025 and a revised Draft RIR was submitted to NYSDEC on March 16, 2026. Approval by NYSDEC is pending as of the date of submittal of this draft RAWP.

2.1 Summary Remedial Investigations Performed

The RI included the following scope of work:

1. Completion of a geophysical survey across accessible portions of the Site to investigate the potential presence of USTs and/or buried ASTs from past on-site uses, and to clear boring locations of underground utilities.
2. Advancement of 14 soil borings (RI-SB-01 through RI-SB-14) and collection of 37 soil samples [plus associated quality assurance/quality control (QA/QC) samples] for laboratory analysis. All 37 soil samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, the total analyte list (TAL) of metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A, cyanide by EPA Method 9012B, 1,4-dioxane by EPA Method 8270, and PFAS by EPA Method 1633.
3. Installation of eight permanent shallow groundwater monitoring wells (RI-MW-01 through RI-MW-08), and three permanent deep groundwater monitoring wells (MW-01D, MW-02D, and MW-07D) located adjacent to three of the shallow wells (MW-01, MW-02, and MW-07). All groundwater monitoring wells were developed, and 11 groundwater samples were collected (plus associated QA/QC samples) for laboratory analysis. All 11 groundwater samples were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012B, PFAS by EPA Method 1633, and 1,4-dioxane by EPA Method 8270 selected ion monitoring (SIM).
4. Installation of seven temporary soil vapor points (RI-SV-01 through RI-SV-07) and collection of seven soil vapor samples and one ambient air sample (RI-SV-AA) for laboratory analysis. The soil vapor and ambient air samples were analyzed for VOCs by EPA Method TO-15.

2.1.1 Supplemental Investigations

Based on the preliminary soil vapor results, AKRF proposed performing additional soil vapor delineation investigation. The Supplemental Investigation was approved via email July 12, 2024, which consisted of the following work:

- Four additional temporary soil vapor points (designated as RI-SV-04A, RI-SV-04B, RI-SV-04C, and RI-SV-04D) were installed in the vicinity of RI-SV-04 to delineate carbon tetrachloride detected in soil vapor sample RI-SV-04 during this RI. The sampling locations were stepped out approximately 25 feet in each cardinal direction from the original RI-SV-04 location. One soil vapor sample was collected from each of the delineation points and analyzed for VOCs by EPA Method TO-15.

Following site surveying, it was determined that two sample locations, RI-SB-01/RI-MW-01/RI-MW-01D and RI-SB-14/RI-MW-08/RI-SV-06, were outside of the Site boundary. Per approval by the NYSDEC via email dated July 22, 2024, supplemental sampling was completed on July 29 and 30, 2024.

- Advancement of two additional soil borings, RI-SB-01A and RI-SB-14A, to a maximum depth of approximately 25 feet below grade and the collection of representative soil samples from each boring for laboratory analysis.
- Installation, development, and sampling of two additional permanent groundwater monitoring wells, RI-MW-01DA and RI-MW-08A, for laboratory analysis.
- Installation of one additional temporary soil vapor sampling point, RI-SV-06A, and the collection of one soil vapor sample for laboratory analysis.

As required by the NYSDEC, a Supplemental Groundwater Investigation Work Plan (SGWIWP) was submitted to NYSDEC on January 7, 2025, and approved by NYSDEC on January 9, 2025. The additional investigation was performed to further delineate the horizontal and vertical extent of the chlorinated solvent groundwater plume. The SGWIWP included the following:

- Installation and sampling of clusters of three additional deep overburden monitoring wells (RI-MW-09D, RI-MW-10D and RI-MW-11D) and three bedrock monitoring wells (RI-MW-09BR, RI-MW-10BR and RI-MW-11BR) to further delineate groundwater VOC contamination.
- Installation and sampling of two additional shallow/deep overburden monitoring well clusters (RI-MW-12/RI-MW-12D and RI-MW-13D) to further delineate groundwater VOC contamination.
- Sampling the nine new wells for laboratory analysis for VOCs.
- Surveying the locations and elevations of the nine new wells, and completion of at least one full round of fluid-level gauging (inclusive of all newly installed and existing monitoring wells) to facilitate groundwater elevation contour mapping.
- Advancement of two additional soil borings (RI-SB-15 and RI-SB-16) and collection of two soil samples from each boring, for analysis for VOCs, to further characterize soil at the Site.
- Collection of one soil sample from the interval directly above the bedrock interface from each soil boring advanced for each deep monitoring well (RI-SB-17 through RI-SB-21), for analysis for VOCs.

As required by the NYSDEC, a Supplemental Bedrock Groundwater Investigation Work Plan – Phase I (SBGWIWP-I) was submitted to NYSDEC on February 7, 2025, and approved by NYSDEC on March 12, 2025. The additional investigation was performed to further delineate the horizontal and vertical extent of the chlorinated solvent groundwater plume. The SGWIWP-I included the following:

- Installation and sampling of two additional shallow bedrock monitoring wells (RI-MW-12BR and RI-MW-14BR) to further delineate the horizontal extent of the chlorinated solvent groundwater plume in bedrock.
- Installation and sampling of three intermediate and three deep bedrock monitoring well (RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I (intermediate bedrock wells) and RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D (deep bedrock wells) to further delineate the vertical extent of the chlorinated solvent groundwater plume in the vicinity of RI-MW-09BR, RI-MW-10BR, and RI-MW-11BR. Each of the intermediate and deep monitoring wells was installed adjacent to the previously installed shallow bedrock wells (RI-MW-09BR, RI-MW-10BR, and RI-MW-11BR).

- Downhole geotechnical logging of the three deep bedrock wells (RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D) and the two shallow bedrock well locations (RI-MW-12BR and RI-MW-14BR).
- Sampling the eight new wells for laboratory analysis for VOCs.
- Surveying the locations and elevations of the eight new wells, and completion of at least one full round of fluid-level gauging (inclusive of all newly installed and existing monitoring wells) to facilitate groundwater elevation contour mapping.

As required by the NYSDEC, an additional Supplemental Bedrock Groundwater Investigation Work Plan – Phase II (SBGWIWP-II) was submitted to NYSDEC on May 28, 2025, and approved by NYSDEC on June 9, 2025. The additional investigation was performed to further delineate the horizontal and vertical extent of the chlorinated solvent groundwater plume. The SGWIWP-II included the following:

- Installation and sampling of two additional overburden monitoring wells (RI-MW-15 and RI-MW-16) to further delineate the horizontal extent of the chlorinated solvent groundwater plume above bedrock and collection of two soil samples from each boring (RI-SB-22 and RI-SB-23), for analysis for VOCs, to further characterize soil at the Site
- Installation and sampling of two additional shallow bedrock monitoring wells (RI-MW-15BR and RI-MW-16BR) to further delineate the horizontal extent of the chlorinated solvent groundwater plume in shallow bedrock. RI-MW-15BR was installed in the southwestern portion of the Site, between existing monitoring wells RI-MW-13D and RI-MW-04, and RI-MW-16BR was installed near the western property boundary.
- Installation and sampling of four intermediate and four deep bedrock monitoring wells RI-MW-12BR-I, MW-14BR-I, RI-MW-15BR-I, and RI-MW-16BR-I (intermediate bedrock wells) and RI-MW-12BR-D-I, and RI-MW-14BR-D-I, RI-MW-15BR-D-I, and RI-MW-16BR-D-I (deep bedrock wells) to further delineate the vertical extent of the chlorinated solvent groundwater plume in the vicinity of RI-MW-12BR, RI-MW-14BR, and RI-MW-15BR, and RI-MW-16BR. Each of the intermediate and deep monitoring wells was installed adjacent to the previously installed or proposed shallow bedrock wells (RI-MW-12BR, RI-MW-14BR, RI-MW-15BR and RI-MW-16BR).
- Coring and preliminary screening sampling of three deeper bedrock monitoring wells (RI-MW-09BR-D-II, MW-10BR-D-II, and RI-MW-11BR-D-II) adjacent to the previously installed deep bedrock wells (RI-MW-09BR-D-I, RI-MW-10BR-D-I and RI-MW-11BR-D-I) to a depth of 150 fbg. Installation and sampling of the deeper bedrock monitoring wells was performed in accordance with the Addendum to the SBGWIWP-II.
- Downhole geotechnical logging and collection of screening samples from the open bedrock portions of the bedrock boreholes.
- Surveying the locations and elevations of the twelve new wells, and completion of at least one full round of fluid-level gauging (inclusive of all newly installed and existing monitoring wells) to facilitate groundwater elevation contour mapping.
- Development and low flow sampling of the 12 new wells for laboratory analysis for VOCs.

As required by the NYSDEC, an Addendum to the SBGWIWP-II was submitted to NYSDEC on December 5, 2025 and approved by NYSDEC on December 23, 2025. The

additional investigation was performed to further delineate the vertical extent of the chlorinated solvent groundwater plume. The Addendum to the SGWIWP-II included the following:

- Extending two deeper open boreholes at monitoring wells (RI-MW-10BR-D-II and RI-MW-11BR-D-II) from 150 fbg to 350 fbg and 150 fbg to 250 fbg, respectively. Installation and sampling of RI-MW-10BR-D-II on the north side of the Site in the vicinity of the former on-Site auto repair and RI-MW-11BR-D-II centrally located on the Site, near the former off-Site gas stations and southern boundary of the Site.
- Installation and sampling of one additional deeper bedrock monitoring well (RI-MW-16BR-D-II) to approximately 250 fbg to further delineate the vertical extent of the chlorinated solvent groundwater plume at the southwest portion of the Site.
- Installation and sampling of deeper bedrock monitoring well RI-MW-09BR-D-II in the northwest corner of the Site using the existing borehole previously drilled to 150 fbg.
- Geophysical logging and collection of screening samples from the open bedrock portions of bedrock boreholes RI-MW-11BR-D-II and RI-MW-16BR-D-II from the interval of 150 feet to 250 fbg.
- Geophysical logging and collection of screening samples from the open bedrock portions of bedrock borehole RI-MW-10BR-D-II, from the interval of 150 feet to 350 fbg.
- Following geophysical logging and screening sampling, blank Flute liners were installed at the RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II boring locations pending approval from NYSDEC of the proposed well installation details and subsequent well installation.
- Installation of 2-inch diameter PVC wells following receipt of the screening data, geophysical logging, and approval of the proposed well installation depths/intervals.
- Development and low flow sampling of the four new wells for laboratory analysis for VOCs.

2.1.2 Deviations From Remedial Investigation Work Plan

The work summarized in this RIR was conducted in general accordance with the NYSDEC-approved May 2024 RIWP and the NYSDEC-approved Supplemental RIWP, Supplemental Groundwater Investigation Work Plan approved January 9, 2025 (SGWIWP), Supplemental Bedrock Groundwater Investigation Plan – Phase I approved March 12, 2025 (SBGWIWP-I), Supplemental Bedrock Groundwater Investigation Work Plan - Phase II approved June 9, 2025 (SBGWIWP-II), and the SBGWIWP-II Addendum approved December 23, 2025 prepared by AKRF on behalf of Trinity Brookfield Commons Phase Three Limited Partnership (the "Volunteer") with the following deviations**:**

- Due to access limitations associated in the building basement, all soil borings located in the basement of the existing vacant building (RI-SB-02, RI-SB-03, RI-SB-08, RI-SB-12, and RI-SB-13) were advanced with a hand auger to suspected bedrock, which was encountered between approximately 2.5 to 6 feet bgs. Only one soil sample was collected from each of these basement soil boring locations below the groundwater table due to the shallow water table observed directly below the basement floor slab; all five of the soil samples were analyzed for the full analytical suite.

- Due to access limitations associated with the presence of overhead utilities in the building basement, RI-MW-05 was installed as a 1-inch permanent groundwater monitoring well.
- As described in the Supplemental Investigation section, following site surveying, it was determined that two sample locations, RI-SB-01/RI-MW-01/RI-MW-01D and RI-SB-14/RI-MW-08/RI-SV-06, were outside of the Site boundary. Per approval by the NYSDEC via email dated July 22, 2024, supplemental sampling was completed on July 29 and 30, 2024.
- During well boring at supplemental investigation locations MW-13/MW-13D, bedrock was encountered at 13.5 feet bgs. Based on the relatively shallow depth to bedrock, a shallow well was determined not to be warranted, as the deep well extended from the top of bedrock to above the shallow water table. The deep overburden well (MW-13D) was installed at this location, with the 10 foot screen set from 3.5 to 13.5 feet bgs. This deviation did not affect achieving the objectives of the SGWI and was agreed to by NYSDEC via email on January 16, 2025.
- Based on preliminary screening results for the deeper wells (RI-MW-09BR-D-II, RI-MW-10BR-D-II and RI-MW-11BR-D-II) included in the SBGWIP-II, the installation of these wells was performed in accordance with the Addendum to the SBGWIP-II.
- Due to equipment failure, deeper well RI-MW-11BR-D-II was drilled to 207.5 feet bgs, not 250 feet bgs, as planned in the SBGWIP-II Addendum. The deepest flowable fracture was detected at approximately 206 feet bgs and the well was installed with a five foot screen set from 202.5 to 207.5 feet bgs. The drill bit remains at the bottom of the bore hole and was not able to be retrieved.

These deviations did not affect achieving the objectives of the RI.

2.1.3 Remedial Investigation Summary

The RI, Supplemental RI (SRI), Supplemental (SGWI), and Supplemental BGWI (SBGWI-I, SBGWI-II and SBGWI-II Addendum) work completed during the RI and summarized in the RIR is detailed in Table A.

Table A
Remedial Investigation Summary

Media	RI	SRI	SGWI	SBGWI -I	SBGWI -II	SBGWI-II (Addendum)	Total	Total (on-site)	Total (off-site)
Soil Borings	14	2	7	0	2	0	25	23	2
Soil Samples	37	7	9	0	4	0	57	49	8
Groundwater Wells	11	2	9	8	12	4	46	43	3
Groundwater Samples	11	2	9	8	12	4	46	43	3
Soil Vapor Points	7	5	0	0	0	0	12	11	1
Soil Vapor Samples	7	5	0	0	0	0	12	11	1

2.1.4 Soil Borings, Groundwater Monitoring Wells, and Soil Vapor Point Installation

Soil Borings

A total of 25 soil borings were advanced as part of the RI, including 14 as part of the RI (RI-SB-01 through RI-SB-14), two as part of the SRI (RI-SB-01A and RI-SB-14A), seven as part of the SGWI (RI-SB-15 through RI-SB-21), and two as part of the SBGWI-II (RI-SB-22 and RI-SB-23). The soil borings were advanced by Coastal Environmental Solutions, Inc. (Coastal) of Medford, NY between May 6, and May 13, 2024, July 29 and 30, 2024, and January 13, and 20, 2025 and by ADT between March 25 and April 17, 2025, and between June 30 and October 29, 2025, at the approximate locations shown on Figure 2.

RI and SRI exterior soil borings RI-SB-01 through RI-SB-14A were advanced using a track-mounted Geoprobe® direct-push probe (DPP) to depths ranging from approximately 8 to 25 feet bgs, with Geoprobe® refusal on shallow bedrock encountered at each location. The five soil borings located in the basement of the existing vacant building (RI-SB-02, RI-SB-03, RI-SB-08, RI-SB-12, and RI-SB-13) were installed with a hand auger due to access limitations, with refusal on bedrock encountered between approximately 2.5 to 6 feet bgs.

SGWI and SBGWI-II soil borings RI-SB-15 through RI-SB-23 were advanced using a Sonic drill rig to depths ranging from approximately 9 to 25 feet bgs. The soil boring locations were located in the field during the GPR survey using a handheld GPS device and/or upon their completion by taking measurements relative to permanent Site features such as building corners and property boundaries.

Groundwater Monitoring Well Installation

A total of 46 groundwater monitoring wells were installed as part of the RI, including 11 as part of the RI (RI-MW-01through RI-MW-08, RI-MW-01D, RI-MW-02D, and RI-MW-07D), 2 as part of the SRI (RI-MW-01DA and RI-MW-08A), 9 as part of the SGWI (RI-MW-09D, RI-MW-09BR, RI-MW-10D, RI-MW-10BR, RI-MW-11D, RI-MW-11BR, RI-MW-12, RI-MW-12D, and RI-MW-13D), 8 as part of the SBGWI-I (RI-MW-09BR-I, RI-MW-09BR-D, RI-MW-10BR-I, RI-MW-10BR-D, RI-MW-11BR-I, RI-MW-11BR-D, RI-MW-12BR, and RI-MW-14BR), 12 as part of the SBGWI-II (RI-MW-12BR-I, RI-MW-12BR-D-I, RI-MW-14BR-I, RI-MW-14BR-D-I, RI-MW-15, RI-MW-15BR, RI-MW-15BR-I, RI-MW-15BR-D-I, RI-MW-16, RI-MW-16BR, RI-MW-16BR-I, and RI-MW-16BR-D-I), and 4 as part of the SBGWI-II Addendum (RI-MW-09BR-D-II, RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II). Groundwater elevation data is included in Table 1.

Overburden Groundwater Monitoring Wells

Between May 6, and July 30, 2024, as part of the RI, seven soil borings (RI-SB-01, RI-SB-06, RI-SB-07, RI-SB-09, RI-SB-10, RI-SB-11, and RI-SB-14) were retrofitted with 2-inch-diameter permanent shallow overburden groundwater monitoring wells (RI-MW-01 through RI-MW-04, and RI-MW-06 through RI-MW-08), which were installed between 4 and 15 feet bgs. Due to access limitations in the building basement, RI-MW-05 was installed as a 1-inch permanent groundwater monitoring well, at the corresponding soil boring location RI-SB-08. Three 2-inch-diameter permanent deep overburden groundwater monitoring wells (RI-MW-01D, RI-MW-02D and RI-MW-07D) were installed adjacent to three of the shallow wells (RI-MW-01, RI-MW-02, and RI-MW-07) between 15 and 25 feet bgs.

Following site surveying, it was determined that two sample locations RI-SB-01/MW-01/MW-01D and RI-SB-14/MW-08 were outside of the Site boundary. Per approval by the NYSDEC, as part of the SRI, on July 29 and 30, 2024, two additional soil borings (RI-SB-01A and RI-SB-14A) and corresponding 2-inch-diameter permanent groundwater monitoring wells (RI-MW-01DA and RI-MW-08A) were installed to 25 and 10 feet bgs, respectively.

Between January 13, and 20, 2025, as part of the SGWI, five soil borings (RI-SB-17 through RI-SB-21) were retrofitted with 2-inch-diameter permanent overburden groundwater monitoring wells (RI-MW-09D, RI-MW-10D, RI-MW-11D, RI-MW-12, and RI-MW-13D), permanent monitoring well RI-MW-12D was installed adjacent to RI-MW-12. The wells were installed between 9 and 25 feet bgs.

Between June 30, and October 29, 2025, as part of the SBGWI-II, two soil borings (RI-SB-22 through RI-SB-23) were retrofitted with 2-inch-diameter permanent overburden groundwater monitoring wells (RI-MW-15 and RI-MW-16). The wells were installed to 20 and 8 feet bgs, respectively.

Shallow overburden wells (RI-MW-01 through RI-MW-08, RI-MW-08A, RI-MW-12, RI-MW-13, RI-MW-15 and RI-MW-16) construction generally consisted of 0.020-inch slotted polyvinyl chloride (PVC) monitoring well screen installed approximately 5 feet below the observed water table and up to 5 feet above the observed water table with a solid PVC riser to grade. A No. 2 morie sandpack was installed up to 2 feet above each well screen with a bentonite seal installed up to 2 feet above the sandpack. The annular space around the solid well riser was sealed with bentonite-cement grout to grade.

Deep overburden wells (RI-MW-01D, RI-MW-01DA, RI-MW-02D, RI-MW-07D, and RI-MW-09D, through RI-MW-13D) construction generally consisted of 5 feet of 0.020-inch slotted PVC monitoring well screen installed immediately above bedrock with a solid PVC riser to grade. A No. 2 morie sandpack was installed up to 2 feet above each well screen with a bentonite seal installed up to 2 feet above the sandpack. The annular space around the solid well riser was sealed with bentonite-cement grout to grade.

All overburden wells were installed by a track-mounted auger drilling rig.

SGWI Bedrock Groundwater Monitoring Wells

Between January 13, and 20, 2025, as part of the SGWI, three permanent bedrock monitoring wells (RI-MW-09BR, RI-MW-10BR and RI-MW-11BR) were installed adjacent to three deep overburden wells (RI-MW-09D, RI-MW-10D and RI-MW-11D).

The depth to bedrock at each of the bedrock monitoring well locations was established during installation of the adjacent deep monitoring wells. The bedrock wells were installed by advancing a 4-inch diameter steel casing at least 5 feet into competent bedrock. The bottom of the casing was set using a slurry grout consisting of Type I Portland cement/bentonite or cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, a boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the first water bearing fracture was encountered. The bedrock cores were placed in a core box and logged for geology and fracture content. After completing the coring process, the borings were over drilled using an approximately 3.9-inch diameter roller bit and a Geoprobe® drill rig. The bedrock wells were constructed with 2-inch diameter PVC, including 5 feet of 0.02 slotted well screen installed into the first water bearing zone in competent bedrock. The annular space around the well screen

was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 1 to 2 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade.

The observed fractures and well screen intervals for the RI-MW-09BR, RI-MW-10BR and RI-MW-11BR are included as Table B (included below).

SBGWI-I Bedrock Monitoring Wells

Between March 25, and April 17, 2025, as part of the SBGWI-I, eight permanent bedrock monitoring wells [RI-MW-12BR and RI-MW-14BR (shallow bedrock wells), RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I (intermediate bedrock wells), and RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D (deep bedrock wells)] were advanced using a combination of a Sonic drill rig and a wireline coring rig to depths ranging from approximately 35 to 101 feet bgs.

Shallow Bedrock Well Locations

During the SBGWI-I, two shallow bedrock monitoring wells (RI-MW-12BR and RI-MW-14BR) were installed to delineate the horizontal extent of the chlorinated solvent groundwater plume in shallow bedrock.

The shallow bedrock wells were installed by advancing a 4-inch diameter secondary steel casing at least 5 feet into competent bedrock. The bottom of the casing was set using a slurry grout consisting of Type I Portland cement/bentonite or cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, a boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the first water bearing fracture was encountered. The bedrock cores were placed in a core box and logged for geology and fracture content.

After completing the coring process and geophysical logging (as described below), the borings were over-drilled using an approximately 3.9-inch diameter roller bit and a truck-mounted drill rig and the two shallow bedrock wells were constructed with 2-inch diameter PVC to depths of approximately 36 and 35 feet bgs, respectively. The well depths and screen intervals were adjusted based upon examination of the rock cores and bedrock geotechnical logging in consultation with NYSDEC.

Each bedrock well was fitted with 6 to 8 feet of 0.02 slotted well screen and the annular space around the well screen was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 5 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade.

Intermediate and Deep Bedrock Well Installation

During the SBGWI-I, three intermediate and three deep bedrock monitoring wells, RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I (intermediate bedrock wells) and RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D (deep bedrock wells) were installed to delineate the vertical extent of the chlorinated solvent groundwater plume in the vicinity of RI-MW-09BR, RI-MW-10BR, and RI-MW-11BR, respectively. The bedrock wells were installed by advancing a 4-inch diameter secondary steel casing at least 5 feet into competent bedrock using a Sonic Rig. The bottom of the casings were set using a slurry

grout consisting of Type I Portland cement/bentonite or cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, a boring was advanced through the outer casing of the designated deep bedrock well locations (RI-MW-09BR-D, RI-MW-10BR-D and RI-MW-11BR-D), and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the predetermined depth of approximately 100 feet below grade was reached. The bedrock cores were placed in a core box and logged for geology and fracture content.

After completing the coring process and geophysical logging (as described below), the borings for the deep bedrock wells were over-drilled using an approximately 3.9-inch diameter roller bit and a truck-mounted drill rig. The deep bedrock wells (RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D) were constructed with 2-inch diameter PVC to depths of approximately 99, 92, and 101 feet bgs, respectively. The well depths and screen intervals were adjusted based upon examination of the rock cores and bedrock geotechnical logging in consultation with NYSDEC.

The bedrock coring and geophysical data from the deep bedrock borings/wells were used to determine the screening depths for the adjacent intermediate bedrock wells (RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I), which were similarly advanced in bedrock through steel casings. The intermediate wells were constructed with 2-inch diameter PVC to depths of approximately 71.5, 53, and 82 feet bgs, respectively.

Each bedrock well was fitted with 5 to 13 feet of 0.02 slotted well screen and the annular space around the well screen was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 5 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade.

The observed fractures and well screen intervals for RI-MW-12BR, RI-MW-14BR, RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I, and RI-MW-09BR-D, RI-MW-10BR-D, and RI-MW-11BR-D are included as Table B (included below).

SBGWI-II and SBGWI-II Addendum Bedrock Monitoring Wells

Between June 30, and October 29, 2025, as part of the SBGWI-II, 13 permanent bedrock monitoring wells [RI-MW-15BR and RI-MW-16BR (shallow bedrock wells), RI-MW-12BR-I, RI- MW-14BR-I, RI-MW-15BR-I, and RI-MW-16BR-I (intermediate bedrock wells), RI-MW-12BR-D-I, RI-MW-14BR-D-I, RI-MW-15BR-D-I and RI-MW-16BR-D-I (deep bedrock wells) and RI-MW-09BR-D-II, RI-MW-10BR-D-II, RI-MW-11BR-D-II (deeper bedrock wells)] were advanced using a combination of a Sonic drill rig and a wireline coring rig to depths ranging from approximately 22 to 150 feet bgs. Between January 5 and February 15, 2026, three permanent deeper bedrock monitoring wells (RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II) were advanced and/or extended using a Sonic drill rig to depths ranging from approximately 150 to 350 feet bgs.

Shallow Bedrock Well Locations

During the SBGWI-II, two shallow bedrock monitoring wells (RI-MW-15BR and RI-MW-16BR) were installed to delineate the horizontal extent of the chlorinated solvent groundwater plume in shallow bedrock.

The shallow bedrock wells were installed by advancing a 4-inch diameter secondary steel casing at least 5 feet into competent bedrock. The bottom of the casing was set using a slurry grout consisting of Type I Portland cement/bentonite or cement/sand mixture and

left to cure for at least 24 hours. After the grout had cured, a boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the first water bearing fracture was encountered. The bedrock cores were placed in a core box and logged for geology and fracture content.

After completing the coring process and geophysical logging (as described below), the borings were over-drilled using an approximately 3.9-inch diameter roller bit and a truck-mounted drill rig and the two shallow bedrock wells were constructed with 2-inch diameter PVC to depths of approximately 34 and 22 feet bgs, respectively. The well depths and screen intervals were adjusted based upon examination of the rock cores and bedrock geotechnical logging in consultation with NYSDEC.

Each bedrock well was fitted with 5 feet of 0.02 slotted well screen and the annular space around the well screen was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 5 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade.

Intermediate Bedrock Well Locations

During the SBGWI-II, four intermediate bedrock wells (RI-MW-12BR-I, MW-14BR-I, RI-MW-15BR-I, and RI-MW-16BR-I), were installed to delineate the vertical extent of the chlorinated solvent groundwater plume in the vicinity of RI-MW-12BR, RI-MW-14BR, RI-MW-15BR and RI-MW-16BR, respectively. The bedrock wells were installed by advancing 4-inch diameter secondary steel casing to approximately 50 feet bgs. The bottom of the casings were set using a slurry grout consisting of Type I Portland cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, each boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the predetermined depth of 75 fbg was reached. The bedrock cores were placed in a core box and logged for geology and fracture content.

After completing the coring process and geophysical logging (as described below), the borings for the intermediate bedrock wells were over-drilled using an approximately 3.9-inch diameter roller bit and a truck-mounted drill rig. The intermediate bedrock wells were constructed with 2-inch diameter PVC to depths of approximately 62, 75, 62, and 67 feet bgs, respectively. The well depths and screen intervals were adjusted based upon examination of the rock cores and bedrock geotechnical logging in consultation with NYSDEC.

Deep Bedrock Well Locations

During the SBGWI-II, four deep bedrock well locations (RI-MW-12BR-D-I, RI-MW-14BR-D-I, RI-MW-15BR-D-I, and RI-MW-16BR-D-I), were installed to delineate the vertical extent of the chlorinated solvent groundwater plume in the vicinity of RI-MW-12BR, RI-MW-14BR, RI-MW-15BR and RI-MW-16BR, respectively. The bedrock wells were installed by advancing 4-inch diameter secondary steel casing to approximately 75 feet bgs. The bottom of the casings were set using a slurry grout consisting of Type I Portland cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, each boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the predetermined depth of 100 fbg was reached. The bedrock cores were placed in a core box and logged for geology and fracture content.

After completing the coring process and geophysical logging (as described below), the borings for the deep bedrock wells were over-drilled using an approximately 3.9-inch diameter roller bit and a truck-mounted drill rig. The deep bedrock wells were constructed with 2-inch diameter PVC to depths of approximately 83, 100, 99, and 93 feet bgs, respectively. The well depths and screen intervals were adjusted based upon examination of the rock cores and bedrock geotechnical logging in consultation with NYSDEC.

Each bedrock well was fitted with 5 feet of 0.02 slotted well screen and the annular space around the well screen was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 5 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade.

Deeper Bedrock Well Locations

During the SBGWI-II, the three deeper bedrock well locations (RI-MW-09BR-D-II, MW-10BR-D-II, and RI-MW-11BR-D-II), were installed by advancing a 4-inch diameter secondary steel casing to approximately 120 fbg. The bottom of the casings were set using a slurry grout consisting of Type I Portland cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, each boring was advanced through the outer casing and continuous bedrock cores were collected by spinning the coring barrel fitted with a custom shoe into the bedrock at 5-foot intervals until the predetermined depth of 150 fbg was reached. The bedrock cores were placed in a core box and logged for geology and fracture content. After completing the coring process and geophysical logging (as described below), an Addendum to SBGWI-II was submitted to NYSDEC on October 23, 2025 and approved on December 23, 2025.

SBGWI-II Addendum

Deeper bedrock monitoring well RI-MW-09BR-D-II was installed using the existing borehole previously drilled to 150 fbg. This deeper bedrock well was constructed with 2-inch diameter PVC to a depth of 138 fbg with a 5 foot screening interval. The interval of 138 to 150 fbg was grouted.

Deeper bedrock monitoring well RI-MW-10BR-D-II was installed using the existing borehole previously drilled to 150 fbg. The boring was extended to 350 fbg using an approximately 3.9-inch diameter roller bit and a Sonic drill rig. Deeper bedrock monitoring well RI-MW-11BR-D-II was installed using the existing borehole previously drilled to 150 fbg. Due to equipment failure, the boring was extended to approximately 208 fbg. The boring was over-drilled using an approximately 3.9-inch diameter roller bit and a Sonic drill rig. Deeper bedrock monitoring well RI-MW-16BR-D-II was installed adjacent to the previously installed deep bedrock well RI-MW-16BR-D-I by advancing a 4-inch diameter secondary steel casing to approximately 150 feet bgs. The bottom of the casing was set using a slurry grout consisting of Type I Portland cement/sand mixture and left to cure for at least 24 hours. After the grout had cured, the boring was advanced using an approximately 3.9-inch diameter roller bit and a Sonic drill rig through the outer casing until the predetermined depth of 250 fbg was reached.

After advancing wells RI-MW-10BR-D-II, RI-MW-11BR-D-II and RI-MW-16BR-D-II to the predetermined depths and geophysical logging (as described below), “blank” flute liners were installed in the open boreholes in order to minimize potential vertical migration of contamination while awaiting the geophysical and laboratory data and concurrence from NYSDEC with respect to the well construction details. Clean water was added to each flute liner in order to drive the liner down the open borehole in an effort to displace the

borehole water into the formation and seal the bedrock fractures. After well construction details were approved the liners were removed and well installation was completed the same day the flute liners are removed.

The deeper bedrock wells were constructed with 2-inch diameter PVC to depths of approximately 322, 207.5, and 175 feet bgs, respectively. The well depths and screen intervals were adjusted based upon bedrock geotechnical logging in consultation with NYSDEC.

Each deeper bedrock well was fitted with 5 to 7 feet of 0.02 slotted well screen and the annular space around the well screen was backfilled with sand filter pack extending from the bottom of the well to 1 to 2 feet above the screen. The annular space around the well riser was sealed with bentonite extending 5 feet above the sand filter pack and completed to ground surface and within the exterior casing with a non-shrinking cement mixture to grade

The fractures and well screen intervals for RI-MW-15BR, RI-MW-16BR, RI-MW-12BR-I, RI- MW-14BR-I, RI-MW-15BR-I, RI-MW-16BR-I, RI-MW-12BR-D-I, RI-MW-14BR-D-I, RI-MW-15BR-D-I, RI-MW-16BR-D-I, RI-MW-09BR-D-II, RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II are included as Table B (included below).

Bedrock Geotechnical Logging

Downhole geophysical logging was performed by Hager-Richter Geoscience, Inc. (Hager-Richter) in all bedrock borings with the exception of RI-MW-09BR, RI-MW-10BR and RI-MW-11BR, which were logged by core review only, to ascertain additional information related to the bedrock geology, including the depths, orientation and frequency of the bedrock fractures. The borehole geophysical logging program consisted of the following in each logged borehole: optical televiewer (OTV), acoustic televiewer (ATV), caliper measurement, fluid temperature, fluid conductivity, natural gamma ray, spontaneous potential (SP), single point resistance (SPR), heat pulse flow meter (HPFM) under ambient conditions, and HPFM under stressed (low constant rate pumping) conditions. In addition to the bedrock fracture depths, the borehole geophysical logs provided groundwater flow details under both ambient and pumping conditions.

In conjunction with the examination of the bedrock cores, the geophysical logging findings and Hager-Richter's recommendations, AKRF submitted proposed well screen depths to the NYSDEC. Table B includes the findings of the geophysical investigation and well screen intervals, as submitted to and approved by NYSDEC.

Table B
Geophysical Investigation Findings and Well Screen Intervals

Boring	Fractures (Geophysical Logging)	Fractures (Core Review)	Heat Pulse Flow Meter	Well Screen Interval
RI-MW-09BR	NA	45-47', 49-50', and 52'	NA	5' screen interval 47-52'
RI-MW-09BR-I	NA	NA	NA	8' screen interval 63.5-71.5'
RI-MW-09BR-D	43-46', 67-68', and 95-98'	46', 52', 55.5', 62-63', 67-68', 82', and 91.5'	Hydraulically transmissive fractures at 67-68'	9' screen interval 90-99'

Boring	Fractures (Geophysical Logging)	Fractures (Core Review)	Heat Pulse Flow Meter	Well Screen Interval
RI-MW-09BR-D-II	136.3-136.5’	NA	Hydraulically transmissive fractures at 136.3-136.5	5’ screen interval 133-138’
RI-MW-10BR	NA	32-34’, 35-36’, and 37-38’	NA	5’ screen interval 38-43’
RI-MW-10BR-I	NA	NA	NA	6’ screen interval 47-53’
RI-MW-10BR-D	29.2-31.5’, 33.3-36.0’, 48.2-52.1’ and 79.6-91.5’	32-33’, 35-37’, 47.5-52’, 72.5’, 80-88.5’, and 91’	Hydraulically transmissive fractures at 48.2-52.1 and 79.6-91.5’	13’ screen interval 79-92’
RI-MW-10BR-D-II	153.5-156.6, 165-166.6’, 173.3-174.1’, 193.5-194.9’, 229.6-231’, and 317.9-318.8’	NA	Hydraulically transmissive fractures at 153.5-156.6, 165-166.6’, 193.5-194.9’, 229.6-231’, and 317.9-318.8’	7’ screen interval 315-322’
RI-MW-11BR	NA	15-16’, 21’, and 22-26’	NA	5’ screen interval 25-30’
RI-MW-11BR-D	21.0-25.5’, 39.5, 59.5, 79.1-80.4’, and 97.7-100’	23-25’, 34’, 80’, 88’, and 97-100’	Hydraulically transmissive fractures at 79.7-80.4’ and 97.7-100’; no flow exhibited at fractures at 39.5’ and 59.5	5’ screen interval 96-101’
RI-MW-11BR-I	NA	NA	NA	5’ screen interval 77-82’
RI-MW-11BR-D-II	126.1-126.6’, 127.9-128.2’, 142.8-143.4’,169.9-170.7’, 190.3-193.2’, 198.1-199.1’, and 204.9-207.5	NA	Hydraulically transmissive fractures at 126.1-126.6’, 127.9-128.2’, 142.8-143.4’,169.9-170.7’, 190.3-193.2’, 198.1-199.1’, and 204.9-207.5	5’ screen interval 202.5-207.5’
RI-MW-12BR	31-32’ and 34-35’	32’, and 34-35’	Hydraulically transmissive fractures at 31-32’ and 34-35’; no flow below 35’	8’ screen interval 28-36’
RI-MW-12BR-I	58.4-61.2’ and 64-64.8’	58.5-63.5’	Hydraulically transmissive fractures at 58.4-61.2’ and 64-64.8’	5’ screen interval 57-62’
RI-MW-12BR-D-I	78.5, 79.3’-81.3’, 82.25’, 86’, and 87.25’	78.5-82’, 86-87.5’, 91’, and 98’	Hydraulically transmissive fractures at 79.3-81.3’	5’ screen interval 78-83’

Boring	Fractures (Geophysical Logging)	Fractures (Core Review)	Heat Pulse Flow Meter	Well Screen Interval
RI-MW-14BR	29.6-34.2’	30-33’	Hydraulically transmissive fractures at 29-34.2’	6’ screen interval 29-35’
RI-MW-14BR-I	50.6-51’, 55’, and 73.9- 74.4’	70-72’	Hydraulically transmissive fractures at 50.6-51’, and 73.9-74.4’	5’ screen interval 70-75’
RI-MW-14BR-D-I	75.5-78.5’, 81.75-84’, 92.1-92.9’, and 98-98.5’	75-85’, and 97.5-99.75’	Hydraulically transmissive fractures at 92.1-92.9’ and 98-98.5’	5’ screen interval 95-100’
RI-MW-15BR	29.9-31.7’, and 34.5’	29.5-32’ and 34.5’	Hydraulically transmissive fractures at 29.9-31.7’	5’ screen interval 29-34’
RI-MW-15BR-I	50.4-51.1’, 54.5’, 57’-62’, 63.25-67.5’, and 69 to 72’	50-51’, 54.5’, 56-57’, 58.5-61’, 62.5-66’, 67.5’, and 69-72’	Hydraulically transmissive fractures at 50.4-51.1’, 58.8-60.4’ and 69-70’	5’ screen interval 57-62’
RI-MW-15BR-D-I	76-79.5’, 81.5-85’, 86.5-87’, and 88.5-101’	75-78’ and 80.5-100’	Hydraulically transmissive fractures at 95-97.2’	5’ screen interval 94-99’
RI-MW-16BR	17’ and 18-18.7’	17’ and 18’	Hydraulically transmissive fractures at 18-18.7’	5’ screen interval 17-22’
RI-MW-16BR-I	50.4-51’, 60.4-60.8’, 66.2-66.6’, and 70.75’	50-51’, 60-61’, 66.5’, and 71’	Hydraulically transmissive fractures at 50.4-51, 60.4-60.8’ and 66.2-66.6’	7’ screen interval 60-67’
RI-MW-16BR-D-I	80.9-82.4’, 85.5-86’, 89.5-90.3’, 95.9-96.6’, and 99-100’	75-78’, 80.5-88’, and 90-100’	Hydraulically transmissive fractures at 80.9-82.4’, 89.5-90.3’, and 95.9-96.6’	5’ screen interval 88-93’
RI-MW-16BR-D-II	150.5-151.9’, and 170.8-173.3’, 201.8’-203’, 207’, 2016.8’, 223.8’, 230’	NA	Hydraulically transmissive fractures at 150.5-151.9’, and 170.8-173.3’	5’ screen interval 170-175’

Notes:
NA - Not Applicable
Geophysical logging was not conducted during the SGWI (RI-MW-09BR, RI-MW-10BR and RI-MW-11BR)
Geophysical data from the deep RI-MW-09BR-D, RI-MW-10BR-D and RI-MW-11BR-D were used to determine the screening depths for the adjacent intermediate bedrock wells (RI-MW-09BR-I, RI-MW-10BR-I, and RI-MW-11BR-I), per the approved work plan.

Soil Vapor Point Installation

A total of eight temporary soil vapor points were installed as part of the RI (RI-SV-01 through RI-SV-07, and RI-SV-06A) at the approximate locations shown on Figure 2. The temporary soil vapor points were installed between May 6, and May 10, 2024, and July 29, 2024.

Five additional temporary soil vapor points were installed as part of the supplemental RI, including four temporary soil vapor points (RI-SV-04A, RI-SV-04B, RI-SV-04C, and RI-SV-04D) in the vicinity of RI-SV-04 to delineate detected carbon tetrachloride in soil vapor sample at this location and one additional temporary soil vapor point (RI-SV-06A) to supplement RI-SV-06, which was determined to be outside of the Site boundary. The additional RI-SV-04 delineation sampling locations were stepped out approximately 25 feet in each cardinal direction from the original RI-SV-04 location. The delineation soil vapor points were installed on July 29, 2024.

The temporary soil vapor points were installed to depths ranging from approximately 0.5 feet to 4 feet bgs by advancing an expendable drive point into the subsurface using a track-mounted Geoprobe® DPP. At each point, a screened implant connected to Teflon™-lined polyethylene tubing was installed through the drilling rods and threaded into the drive point. The sample tubing was extended from the end of the screened implant to above grade. The rods were then removed, and the borings were backfilled with No. 2 morie sand to a maximum of 6 inches above the screen. Hydrated bentonite was used to fill the remaining void around the sampling tubing to the ground surface. One soil vapor point (RI-SV-06) was installed off-Site.

2.1.5 Samples Collected

Soil, groundwater, and soil vapor at the Site were sampled and evaluated as part of the RI, SRI, SGWI, SBGWI-I, SBGWI-II and SBGWI-II Addendum. The sampling performed, which is presented herein, provides a basis for the evaluation of subsurface conditions at the Site and potential remedial actions with respect to the media sampled.

Soil

Soil samples were collected from a total of 25 soil borings. Soil samples were collected from 14 soil borings as part of the RI (RI-SB-01 through RI-SB-14), two as part of the SRI (RI-SB-01A and RI-SB-14A), seven as part of the SGWI (RI-SB-15 through RI-SB-21), and two as part of the SBGWI-II (RI-SB-22 and RI-SB-23). A total of 57 soil samples (plus associated QA/QC samples) were submitted for laboratory analysis, with one to five samples collected from each soil boring location. A list of soil borings and the soil/fill samples submitted for laboratory analysis from each boring is presented in Table C.

Table C
Soil Sample Details and Rationale

Soil Boring ID	Location	Surface Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-01	Off-Site to Northwest	Vegetated area	Surface (0-2”), 0-2, 2-4, 6-8, 10-12	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent chromium, cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the northwest portion of the Site, including a surface soil sample.

Soil Boring ID	Location	Surface Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-01A	Northwestern portion of the Site	Vegetated area	Surface (0-2"), 0-2, 6-8, 10-12	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent chromium, cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the northwest portion of the Site, including a surface soil sample.
RI-SB-02	West-central portion of the Site	Concrete – floor slab	1-3	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent chromium, cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the northwest portion of the Site (beneath the existing building), in the footprint of the new building.
RI-SB-03	North-central portion of the Site	Concrete – floor slab	1-3	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the north-central portion of the Site (beneath the existing building), in the footprint of the new building near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater.
RI-SB-04	Northeast-central portion of the Site	Concrete – paved walkway	0-2, 4-6	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the northeast-central portion of the Site, in the footprint of the new building near where elevated metals were previously detected in soil.
RI-SB-05	West-central portion of the Site	Vegetated area	Surface (0-2"), 0-2, 2-4, 4-6	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the west-central portion of the Site, in the footprint of the new building, near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater, including a surface soil sample.
RI-SB-06	Southwest portion of the Site	Asphalt – paved area	0-2, 4-6, 6-8	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality along the southwestern portion of Site.
RI-SB-07	South-central portion of the Site	Asphalt – paved area	0-2, 4-6, 6-8	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality along the south-central portion of Site.

Soil Boring ID	Location	Surface Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-08	Central portion of the Site	Concrete – floor slab	1.5-3.5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the central portion of Site (beneath the existing building).
RI-SB-09	Northeast portion of the Site	Asphalt – paved area	0-2, 4-6, 6-8, 9-11	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality at the northeast border of Site. near where elevated metals were previously detected in soil.
RI-SB-10	North-central portion of the Site	Vegetated area	Surface (0-2”), 0-2, 4-6, 8-10	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the north-central portion of Site, near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater and soil vapor, including a surface soil sample.
RI-SB-11	South-central portion of the Site	Vegetated area	Surface (0-2”), 0-2, 5-7, 8-10	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the south-central portion of Site, near the proposed location of the drainage tank, near where elevated metals were previously detected in soil. including a surface soil sample.
RI-SB-12	Central portion of the Site	Concrete – floor slab	0.5-2.5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the central portion of Site (beneath the existing building).
RI-SB-13	North-central portion of the Site	Concrete – floor slab	1.5-3.5	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the north-central portion of Site (beneath the existing building), near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater and soil vapor.
RI-SB-14	Off-Site to Southeast	Asphalt – paved area	0-2, 4-6, 6-8	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the south-east portion of Site.

Soil Boring ID	Location	Surface Description	Sample Depth Intervals (feet bgs)	Soil Sample Analytical Parameters	Rationale
RI-SB-14A	East portion of the Site	Asphalt – paved area	0-2, 4-6, 6-8	VOCs, SVOCs, Pesticides, PCBs, Metals, Hexavalent Chromium, Cyanide, 1,4-Dioxane, and PFAS	To assess soil quality in the eastern portion of Site.
RI-SB-15	Northwestern portion of the Site	Vegetated area	4-6, 6-8	VOCs	To further assess soil quality in the northwest portion of the Site
RI-SB-16	Central portion of the Site	Vegetated area	4-6, 6-8	VOCs	To further assess soil quality in the central portion of the Site
RI-SB-17	Northwestern portion of the Site	Vegetated area	23-25	VOCs	To further assess soil quality above bedrock in the northwestern portion of the Site
RI-SB-18	North-central portion of the Site	Vegetated area	20-22	VOCs	To further assess soil quality above bedrock in the north-central portion of the Site
RI-SB-19	South-central portion of the Site	Vegetated area	7-9	VOCs	To further assess soil quality above bedrock in the south-central portion of the Site
RI-SB-20	West-central portion of the Site	Vegetated area	15-17	VOCs	To further assess soil quality above bedrock in the west-central portion of the Site
RI-SB-21	South-central portion of the Site	Asphalt – paved area	11-13	VOCs	To further assess soil quality above bedrock in the south-central portion of the Site
RI-SB-22	South-central portion of the Site	Asphalt – paved area	0-2, 2-4	VOCs	To further assess soil quality above bedrock in the south-central portion of the Site
RI-SB-23	Southwest portion of the Site	Asphalt – paved area	0-2, 4-6	VOCs	To further assess soil quality above bedrock in the southwestern portion of the Site

Notes: bgs – below ground surface; VOCs – volatile organic compounds; SVOCs – semivolatile organic compounds; PCBs – polychlorinated biphenyls; TAL – target analyte list; PFAS – per- and polyfluoroalkyl substances
RI-SB-01 and RI-SB-14 were off-Site and are in shadow text.

Groundwater

Groundwater samples were collected from the 46 permanent monitoring wells. Purged groundwater from RI-MW-08, RI-MW-09D, RI-MW-10D, RI-MW-11D, RI-MW-12, RI-MW-12D, and RI-MW-13D exhibited evidence of contamination and purged groundwater from all bedrock wells was containerized in a DOT-approved 55-gallon drum.

A list of groundwater monitoring wells and laboratory analyses is presented in Table D.

Table D
Groundwater Sample Details and Rationale

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-01	Off-Site to Northwest	Vegetated area	15	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality in the northwest portion of the Site and define Site-specific groundwater flow direction and elevation.
RI-MW-01D	Northwestern	Vegetated area	25	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	Deep overburden well to assess groundwater quality in the northwest portion of the Site.
RI-MW-01DA	Northwestern	Vegetated area	25	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	Deep overburden well to assess groundwater quality in the northwest portion of the Site.
RI-MW-02	North-central	Vegetated area	12	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality in the north-central portion of the Site, near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater and soil vapor and define Site-specific groundwater flow direction and elevation.
RI-MW-02D	North-central	Vegetated area	15	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	Deep overburden well to assess groundwater quality in the north-central portion of the Site.
RI-MW-03	Southwest	Asphalt – paves area	10	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality along the southwestern portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-04	South-central	Asphalt – paved area	8	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality along the south-central portion of Site and define Site-specific groundwater flow direction and elevation.

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-05	Central	Concrete – floor slab	4	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality in the central portion of Site (beneath the existing building) and define Site-specific groundwater flow direction and elevation.
RI-MW-06	Northeast	Asphalt – paved area	14	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality in the northeast portion of Site near where elevated metals were previously detected in soil and define Site-specific groundwater flow direction and elevation.
RI-MW-07	South-central	Vegetated area	11	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality in the south-central portion of Site near the proposed location of the drainage tank, and near where elevated metals were previously detected in soil and VOCs were previously detected in groundwater.
RI-MW-07D	South-central	Vegetated area	18	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	Deep overburden well to assess groundwater quality int the south-central portion of Site.
RI-MW-08	Off-Site to Southeast	Asphalt – paved area	11	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality along the southeast portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-08A	East	Asphalt – paved area	10	VOCs, SVOCs, Pesticides, PCBs, Metals, Cyanide, 1,4-Dioxane, Metals, and PFAS	To assess groundwater quality along the southeast portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-09D	Northwestern portion of the Site	Vegetated area	25	VOCs	Deep overburden well to further assess groundwater quality in the northwestern portion of Site and define Site-specific groundwater flow direction and elevation.

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-09BR	Northwestern portion of the Site	Vegetated area	52	VOCs	Bedrock well to further assess groundwater quality in the northwestern portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-09BR-I	Northwestern portion of the Site	Vegetated area	71.5	VOCs	Intermediate bedrock well to further assess groundwater quality in the northwestern portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-09BR-D	Northwestern portion of the Site	Vegetated area	99	VOCs	Deep bedrock well to further assess groundwater quality in the northwestern portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-09BR-D-II	Northwestern portion of the Site	Vegetated area	138	VOCs	Deeper bedrock well to further assess groundwater quality in the northwestern portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-10D	North-central portion of the Site	Vegetated area	23	VOCs	Deep overburden well to further assess groundwater quality in the north-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-10BR	North-central portion of the Site	Vegetated area	43	VOCs	Bedrock well to further assess groundwater quality in the north-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-10BR-I	North-central portion of the Site	Vegetated area	53	VOCs	Intermediate bedrock well to further assess groundwater quality in the north-central portion of Site and define Site-specific groundwater flow direction and elevation.

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-10BR-D	North-central portion of the Site	Vegetated area	92	VOCs	Deep bedrock well to further assess groundwater quality in the north-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-10BR-D-II	North-central portion of the Site	Vegetated area	322	VOCs	Deeper bedrock well to further assess groundwater quality in the north-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-11D	South-central portion of the Site	Vegetated area	9	VOCs	Deep overburden well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-11BR	South-central portion of the Site	Vegetated area	30	VOCs	Bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-11BR-I	South-central portion of the Site	Vegetated area	82	VOCs	Intermediate bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-11BR-D	South-central portion of the Site	Vegetated area	101	VOCs	Deep bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation.
RI-MW-11BR-D-II	South-central portion of the Site	Vegetated area	207.5	VOCs	Deep bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation.

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-12	West-central portion of the Site	Vegetated area	12	VOCs	Well to further assess groundwater quality in the west-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-12D	West-central portion of the Site	Vegetated area	18	VOCs	Deep overburden well to further assess groundwater quality in the west-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-12BR	West-central portion of the Site	Vegetated area	36	VOCs	Shallow bedrock well to further assess groundwater quality in the west-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-12BR-I	West-central portion of the Site	Vegetated area	62	VOCs	Intermediate bedrock well to further assess groundwater quality in the west-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-12BR-D-I	West-central portion of the Site	Vegetated area	83	VOCs	Deep bedrock well to further assess groundwater quality in the west-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-13D	South-central portion of the Site	Asphalt – paved area	13.5	VOCs	Deep overburden well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-14BR	Northeast portion of the Site	Asphalt – paved area	35	VOCs	Shallow bedrock well to further assess groundwater quality in the northeast portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-14BR-I	Northeast portion of the Site	Asphalt – paved area	75	VOCs	Intermediate bedrock well to further assess groundwater quality in the northeast portion of Site and define Site-specific groundwater flow direction and elevation

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-14BR-D-I	Northeast portion of the Site	Asphalt – paved area	100	VOCs	Deep bedrock well to further assess groundwater quality in the northeast portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-15	South-central portion of the Site	Asphalt – paved area	20	VOCs	Deep overburden well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-15BR	South-central portion of the Site	Asphalt – paved area	34	VOCs	Shallow bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-15BR-I	South-central portion of the Site	Asphalt – paved area	62	VOCs	Intermediate bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-15BR-D-I	South-central portion of the Site	Asphalt – paved area	99	VOCs	Deep bedrock well to further assess groundwater quality in the south-central portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-16	Southwest portion of the Site	Asphalt – paved area	8	VOCs	Deep overburden well to further assess groundwater quality in the southwestern portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-16BR	Southwest portion of the Site	Asphalt – paved area	22	VOCs	Shallow bedrock well to further assess groundwater quality in the southwestern portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-16BR-I	Southwest portion of the Site	Asphalt – paved area	67	VOCs	Intermediate bedrock well to further assess groundwater quality in the southwestern portion of Site and define Site-specific groundwater flow direction and elevation

Monitoring Well ID	Well Location	Surface Description	Total Well Depth (feet bgs)	Groundwater Sample Analytical Parameters	Rationale for Sampling Location
RI-MW-16BR-D-I	Southwest portion of the Site	Asphalt – paved area	93	VOCs	Deep bedrock well to further assess groundwater quality in the southwestern portion of Site and define Site-specific groundwater flow direction and elevation
RI-MW-16BR-D-II	Southwest portion of the Site	Asphalt – paved area	175	VOCs	Deep bedrock well to further assess groundwater quality in the southwestern portion of Site and define Site-specific groundwater flow direction and elevation
Notes: bgs – below ground surface; VOCs – volatile organic compounds; SVOCs – semivolatile organic compounds PCBs – polychlorinated biphenyls; TAL – target analyte list; PFAS – per- and polyfluoroalkyl substances RI-MW-01, RI-MW-01D, RI-MW-08 were installed off-Site.					

Soil Vapor

Soil vapor samples were collected from twelve temporary soil vapor points installed across the Site, Methodologies used for soil vapor assessment conformed to the NYSDOH SVI Guidance.

A list of temporary soil vapor points and the soil vapor samples collected from each point is presented in Table E.

Table E
Soil Vapor Sample Details and Rationale

Soil Vapor Point ID	Soil Vapor Point Location	Surface Description	Sampling Depth (feet bgs)	Purged Vapor PID Reading (ppm)	Soil Sample Analytical Parameters	Rationale For Sampling Location
RI-SV-01	Northwestern	Concrete – floor slab	0.5	5.1	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination in the footprint of the new building.

Table E
Soil Vapor Sample Details and Rationale

Soil Vapor Point ID	Soil Vapor Point Location	Surface Description	Sampling Depth (feet bgs)	Purged Vapor PID Reading (ppm)	Soil Sample Analytical Parameters	Rationale For Sampling Location
RI-SV-02	West-central	Vegetated Area	4.0	4.9	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination, in the footprint of the new building.
RI-SV-03	Northeast-central	Concrete – paved walkway	4.0	10.4	VOCs	To evaluate the nature and extent VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination, in the footprint of the new building.
RI-SV-04	Southwest	Vegetated Area	4.0	5.9	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination, in the footprint of the new building.
RI-SV-05	South-central	Vegetated area	4.0	9.5	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination.
RI-SV-06	Off-Site to Southeast	Asphalt – paved area	4.0	14.1	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination.

Table E
Soil Vapor Sample Details and Rationale

Soil Vapor Point ID	Soil Vapor Point Location	Surface Description	Sampling Depth (feet bgs)	Purged Vapor PID Reading (ppm)	Soil Sample Analytical Parameters	Rationale For Sampling Location
RI-SV-06A	East	Asphalt – paved area	4.0	0.7	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination.
RI-SV-07	Southern	Asphalt – paved area	4.0	5.1	VOCs	To evaluate the nature and extent of VOCs detected in soil vapor during the limited subsurface investigation and to complete the significant threat determination.
RI-SV-04A	West-central	Vegetated Area	4.0	1.4	VOCs	To delineate the detected carbon tetrachloride in soil vapor sample RI-SV-04
RI-SV-04B	West-central	Vegetated Area	4.0	33.1	VOCs	To delineate the detected carbon tetrachloride in soil vapor sample RI-SV-04
RI-SV-04C	West-central	Vegetated Area	4.0	1.9	VOCs	To delineate the detected carbon tetrachloride in soil vapor sample RI-SV-04
RI-SV-04D	West-central	Vegetated Area	4	2.1	VOCs	To delineate the detected carbon tetrachloride in soil vapor sample RI-SV-04

Notes:
bgs – below ground surface; VOCs – volatile organic compounds; PID – photoionization detector; ppm – parts per million
RI-SV-06 was installed off-Site and is in shadow text.

2.1.6 Chemical Analytical Work Performed

Soil

The 44 soil samples collected as part of the RI and Supplemental RI were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, TAL metals by EPA Method 6000/7000 series plus hexavalent chromium by EPA Method 7196A, cyanide by EPA Method 9012B, 1,4-dioxane by EPA Method 8270, and per- and polyfluoroalkyl substances (PFAS) by EPA Method 1633. The 13 soil samples collected as part of the SGWI and SBGWI-II were analyzed for VOCs by EPA Method 8260.

Groundwater

Groundwater samples slated for laboratory analysis were placed in laboratory-supplied containers in accordance with EPA protocols. Groundwater samples were submitted to Eurofins of Edison, NJ in accordance with EPA CoC protocols. The groundwater samples collected under the RI and SRI were analyzed for VOCs by EPA Method 8260, SVOCs by EPA Method 8270, PCBs by EPA Method 8082, pesticides by EPA Method 8081, total and dissolved TAL metals by EPA Method 6000/7000 series, cyanide by EPA Method 9012B, PFAS by EPA Method 1633, and 1,4-dioxane by EPA Method 8270 SIM. The groundwater samples collected under the SGWI, SBGWI-I, SBGWI-II, and SBGWI-II Addendum were analyzed for VOCs by EPA Method 8260.

Soil Vapor

The soil vapor samples were submitted to Eurofins of Burlington, VT, a NYSDOH ELAP-certified laboratory, in accordance with EPA CoC protocols and were analyzed for VOCs by EPA Method TO-15.

Quality Assurance/Quality Control

A list of Quality Assurance/Quality Control (QA/QC) personnel and the chemical analytical work performed is presented in Table F.

Table F
QA Program

Factor	Description
Quality Assurance Officer	The chemical analytical QA/QC was directed by Marc Godick of AKRF.
Third Party Data Validator	The third-party data validation was performed by L.A.B. Validation Corp., of Northport, NY.
Chemical Analytical Laboratory	The chemical analytical laboratory used for the RI was Eurofins of Edison, NJ and Burlington, VT, both ELAP-certified laboratories.

Factor	Description
Chemical Analytical Methods	Soil analytical methods: • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals by EPA Method 6000/7000 series (rev. 2007) • Hexavalent chromium by EPA Method 7196A (rev. 1992) • Cyanide by EPA Method 9012 • 1,4-Dioxane by EPA Method 8270 • 21 compound PFAS list by Modified EPA Method 1633 Groundwater analytical methods: • VOCs by EPA Method 8260C (rev. 2006) • SVOCs by EPA Method 8270D (rev. 2007) • Pesticides by EPA Method 8081B (rev. 2000) • PCBs by EPA Method 8082A (rev. 2000) • TAL Metals (total and dissolved) by EPA Method 6000/7000 series (rev. 2007) • Cyanide by EPA Method 9012B • 1,4-Dioxane by EPA Method 8270 SIM • 21 compound PFAS list by Modified EPA Method 1633 Soil vapor analytical method: • VOCs by EPA Method TO-15

2.1.7 Geophysical Survey and Utility Mark-Outs

Geophysical surveys were completed by Radar Dynamics NJ of Fair Lawn, NJ on May 6, 2024, November 21, 2024, and January 13, 2025. The geophysical surveys comprised ground penetrating radar (GPR) and magnetometer surveys to investigate the potential presence of USTs and/or buried ASTs from past on-site uses, and to clear the soil boring locations of underground utilities and/or other buried structures prior to the start of drilling activities. GPR utilizes electromagnetic wave propagation and scattering to image and identify changes in electrical and magnetic properties in the ground. Magnetometers measure irregularities in the magnetic field in a given area.

During the geophysical surveys, linear anomalies consistent with subsurface utilities (including water, electric, storm sewer, sanitary, and unknown utilities) were identified and marked out with spray paint prior to drilling, and boring locations were adjusted accordingly. No geophysical anomalies consistent with an underground storage tank were identified on site.

Soft digging, utilizing a combination of hand digging and compressed air was completed by Aquifer Drilling & Testing (ADT) of Mineola, NY prior to start of drilling activities to clear each location of underground utilities during SBGWI-I, SBGWI-II and SBGWI-II Addendum.

2.1.8 Best Management Practices

As part of the remedial investigation, Green Sustainable Remediation (GSR) strategies were considered to best achieve the green remediation approach identified in NYSDEC DER-31.

AKRF attempted to minimize mobilizations, utilize local staff, and minimize investigation derived waste. Specific examples of GSR strategies included:

- Minimize Idling Equipment – Equipment (drill rigs, cars, trucks, etc.) was shut down when not in use for more than 5 minutes.
- On-site Solid Waste Recycling/Reduction of Off-Site Transportation – Soil cuttings that did not exhibit evidence of contamination were utilized to backfill boreholes.
- On-site Liquid Waste Recycling/Reduction of Off-Site Transportation – Well purge water from overburden wells that did not display field evidence of gross contamination was returned to the well.
- Sustainable Office Practices – AKRF office practices are under review by our Sustainability Working Group and Draft Sustainability Action Plan, which includes operations, purchasing and transportation.
- Sustainable Site Visits – AKRF's White Plains office is located within walking distance of the Site. Whenever possible, staff members walked to the Site.
- Waste Disposal Drums – Cleaned, reconditioned 55-gallon drums were used for the collection and storage of purged groundwater and soil cuttings.
- Low Sulfur Diesel fuel was utilized in vehicles and machinery by the drilling contractor. The geoprobe drill rigs utilized diesel exhaust purifier scrubbers.
- Environmentally friendly Green Patch® cold mix asphalt patch and PureGold® Lube drill rod lubricant were utilized by the drilling contractor.

2.2 Significant Threat

A significant threat determination to human health and the environment has not yet been made. Upon determination, notice will be provided for public review.

2.3 Site History

2.3.1 Past Uses and Ownership

According to previous environmental reports, the Property was vacant as early as 1900. Between 1900 and 1930, the Property was developed with small residential buildings and associated garages, multiple three- to four-story apartment buildings, an upholsterer, and an auto repair shop. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949 through 1950 as part of the Winbrook housing complex.

The Site, which is currently vacant, has been owned by the White Plains Housing Authority since 1982.

2.3.2 Phase I and Phase II Reports

Phase I Environmental Site Assessment – Brookfield Commons Phase 3, 159 South Lexington Avenue, White Plains, New York, AKRF, Inc., June 2021

AKRF, Inc. (AKRF) performed a Phase I ESA of the Property in July 2021. The Property was developed with a nine-story apartment building with a basement and surrounding lawns and walkways, which were part of a multi-story apartment building complex identified as Brookfield Commons or Winbrook. Historical Sanborn maps indicated that the Property was vacant in 1900. Between 1900 and 1942, the Property was developed with small residential buildings and associated garages, multiple three to four-story apartment buildings, an upholsterer and an auto repair shop. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949-1950 as part of the Winbrook housing complex.

The following Recognized Environmental Conditions (RECs) were identified:

- Historical land uses on the Property included an auto repair and an upholsterer.
- Numerous nearby active- and closed-status petroleum spills (including active spills at the former gas stations at 26 and 34 East Post Road), former drycleaners, petroleum bulk storage facilities, hazardous waste generators (including generators of chlorinated solvents), and a State BCP site were reported in regulatory databases, including closed-status spills located on off-site areas of the Winbrook complex.

The following De Minimis Conditions were identified:

- Demolition debris from historical structures on the Property and/or fill materials of unknown origin may be present in the subsurface.
- Chemical storage at the Property included two 5-gallon buckets of hydraulic oil, and cleaning and maintenance chemicals in containers up to one-gallon, which were stored in the basement. The observed chemicals were generally neatly stored and labeled.

In addition, the following considerations outside the scope of ASTM Practice E 1527-13 were identified in connection with the Property:

- Based on the age of the building, window caulking, electrical equipment, fluorescent lighting fixtures, and hydraulic compactor equipment may contain polychlorinated biphenyls (PCBs). In addition, electrical equipment (e.g., switches and thermostats) and fluorescent lamps may contain mercury.
- Suspect asbestos-containing material (ACM) were observed at the Property. Suspect ACM were noted to be in generally good to damaged condition. ACM may also be present in demolition debris in the subsurface at the Property.
- Based on the age of the Property building, lead based paint (LBP) may be present on indoor and/or outdoor surfaces. Painted surfaces were observed to be in generally good to fair condition. LBP may also be present in demolition debris in the subsurface at the Property.

Limited Subsurface Investigation Letter Report, Brookfield Commons Phase 3, 159 South Lexington Avenue, White Plains, New York, AKRF, Inc., September 2021

AKRF conducted a Limited Subsurface Investigation (SI) at the site in April 2021, which included the advancement of six soil borings with the collection and laboratory analysis of 12 soil samples; the installation of four temporary groundwater monitoring wells with the

collection and laboratory analysis of four groundwater samples; and the collection of four soil vapor samples from temporary soil vapor points. Findings of the investigation are summarized below:

- A geophysical survey was conducted to locate below grade utilities and potential anomalies, and to clear the boring locations. No anomalies indicative of a underground storage tank (UST) were identified.
- Subsurface materials consisted of historic fill (sand, gravel, silt, concrete, brick, glass, and asphalt) to approximately 6 ft below grade surface (bgs), underlain by apparent native soils (silt, peat, sand, clay and gravel) to the terminus of the borings (maximum of 15 feet bgs). Groundwater was encountered between 4 to 6 ft bgs during the investigation. Slightly elevated photoionization detector (PID) readings of up to 1.6 parts per million (ppm) were noted throughout the soil column in soil boring SB-04, and readings of less than 1 ppm were noted near the surface in soil borings SB-01 and SB-05. No petroleum-like odors or other visual evidence of gross contamination was noted in the soil borings. No separate phase product was detected in the purge water from any of the temporary groundwater wells. Elevated PID readings of 7.3 and 5.6 ppm were noted in the purge vapors from SV-01 and SV-04, respectively. Bedrock was not encountered during the investigation.
- Soil sample results are summarized below:
    - Barium, copper, lead, mercury, silver and zinc were detected above the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) in at least one of the soil samples. Lead was detected above its NYSDEC Part 375 Restricted Residential (RRSCO) and Protection of Groundwater Soil Cleanup Objective (PGWSCO) in five of the soil samples. Barium and copper were detected above their RRSCOs in two samples and mercury was detected above its PGWSCO in one sample, all from within the historic fill layer.
    - The PCB Aroclor 1254 was detected in one soil sample above the UUSCO but below the RRSCO and PGWSCOs for total PCBs.
    - No VOCs or semivolatile organic compounds (SVOCs) were detected above their respective UUSCOs, RRSCOs, and PGWSCOs in any of the soil samples
- Groundwater sample results are summarized below:
    - PCE was detected above Ambient Water Quality Standards and Guidance Values (AWQSGVs) in two groundwater samples. Cis-1,2-dichloroethylene, TCE, and vinyl chloride were also detected above their respective AWQSGVs in one groundwater sample.
- Soil vapor sample results:
    - Petroleum-related and chlorinated VOCs were identified in the soil vapor samples collected across the Site. VOCs associated with petroleum [including benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX)] were detected at variable concentrations in all the soil vapor samples analyzed. Other petroleum-related VOCs, solvents, and chlorofluorocarbons were also detected in the samples.
    - The chlorinated VOC, PCE, was detected in all the soil vapor samples collected. PCE was detected above its State of New York Air Guideline Values (AGV) of 30 µg/m3 in one sample SV-04.

The SI soil, groundwater, and soil vapor samples were analyzed using Category B laboratory deliverables and the Data Usability Summary Report (DUSR) concluded that the overall assessment of the data generated was of acceptable quality.

2.3.3 Sanborn Maps

All Sanborn Maps available for this Site were reviewed prior to preparation of the RAWP and are provided in Appendix C. Historical Sanborn maps indicated that the Property was vacant in 1900. Between 1900 and 1930, the Property was developed with small residential buildings and associated garages, multiple three to four-story apartment buildings, an upholsterer and an auto repair shop with two garages. These structures were demolished for construction of the existing apartment building and grounds, which were constructed in 1949-1950 as part of the Winbrook housing complex.

2.4 Geologic and Hydrogeologic Conditions

2.4.1 Stratigraphy

Historic fill (sand, silt, gravel, and cobbles, with varying amounts of brick, concrete, asphalt, glass, plastic, and wood) was observed extending from ground surface down to depths ranging from approximately 0 to 16 feet below grade. The fill layer is generally underlain by apparent native soil (silt, sand, clay, silty clay, gravel, and weathered bedrock) extending to the terminus of the exterior soil borings at suspected bedrock between approximately 8 to 25 feet below grade and approximately 2.5 to 6 feet below grade in the soil borings advanced in the building basement. A semi-confining layer consisting of clay and/or silt was observed in all soil borings, at depths ranging from approximately 1 to 5 feet below grade, with an approximate thickness of 2 to 12.5 feet.

Regional bedrock geology in the White Plains, New York area is characterized by bands of Inwood marble and Fordham and Yonkers Gneiss, which were folded into northeast-trending elongated synclines and anticlines during the Taconic Orogeny [circa 400 million years ago (MYA)]. According to the Westchester County Bedrock Rock Geology GIS Map, bedrock beneath the Site consists of Inwood Marble. However, based on visual observations of the bedrock cores, as well as a review of the downhole geophysical optical televiewer (OTV) logs, the contact between the Inwood Marble and the northeast-adjacent bedrock unit appears to be mapped in an incorrect location. Bedrock at the Site appears to be an unspecified highly metamorphic unit, which is likely the product of mixing between the Inwood Marble and adjacent gneiss units during metamorphism. Across much of the Site, the bedrock heavily resembles the Fordham Gneiss (characterized by black-and-white banded, intensely folded, and contorted layers of quartz, orthoclase feldspar, biotite mica, and hornblende). However, MW-09D, which is located in the northwest corner of the Site, appears to have a slightly different mineral composition with depth, likely due to its proximity to the contact with the Inwood Marble. The bedrock encountered at this location was still reminiscent of the Fordham Gneiss in the shallow bedrock but transitions to a more contorted rock with many garnet intrusions below 120 feet.

During the RI, SRI, SGWI, SBGWI-I and SBGWI-II, which were performed utilizing a Sonic Drill Rig, and the geotechnical evaluation performed utilizing a truck mounted CME-75 drilling rig, depths to bedrock were found to range from 8 to 30.5 fbg. Table G summarizes the depths to bedrock below grade and elevations. Geologic cross sections are shown on Figures 4A and 4B.

Table G
Depths to Bedrock

Monitoring Well / Geotechnical Boring	Depth to Bedrock (Below Grade)	Depth to Bedrock (Elevation)
RI-MW-01DA	25	176.22
RI-MW-02D	15	183.53
RI-MW-07D	18	183.22
RI-MW-09D	25	175.64
RI-MW-09BR	25	175.49
RI-MW-09BR-I	25	175.25
RI-MW-09BR-D	25	175.40
RI-MW-09BR-D-II	25	175.39
RI-MW-10D	23	175.34
RI-MW-10BR	23	175.15
RI-MW-10BR-I	17	181.10
RI-MW-10BR-D	17	181.02
RI-MW-10BR-D-II	17	181.14
RI-MW-11D	9	192.27
RI-MW-11BR	9	192.07
MW-11BR-I	15	186.34
RI-MW-11BR-D	15	186.11
RI-MW-11BR-D-II	15	186.26
RI-MW-12D	18	181.83
RI-MW-12BR	21.5	178.34
RI-MW-12BR-I	21.5	178.46
RI-MW-12BR-D-I	21.5	178.49
RI-MW-13D	13.50	186.51
RI-MW-14BR	19	180.97
RI-MW-14BR-I	19	181.14
RI-MW-14BR-D-I	19	180.95
RI-MW-15BR	20	179.85
RI-MW-15BR-I	20	180.04
RI-MW-15BR-D-I	20	179.97
RI-MW-16BR	8	192.73
RI-MW-16BR-I	10	190.61
RI-MW-16BR-D-I	10	190.86
RI-MW-16BR-D-II	10	190.73
GD-1	20	180.00
GD-2	25.5	174.50
GD-3	28	173.00
GD-4	17	183.50
GD-5	20	180.00
GD-6	30.5	168.50

2.4.2 Hydrogeology

Groundwater was encountered between 0.2 to 7 feet below grade during the RI, SRI, SGWI, SBGWI-I, SBGWI-II, and SBGWI-II Addendum, with the shallowest depth to water occurring below the current vacant building basement slab. Based on site-specific measurements, groundwater elevations across the Site range between 197.56 and 193.04 feet (NAVD88), and the inferred flow direction in groundwater across the Site is generally to the north. Figures 5A, 5B, 5C and 5D present groundwater elevation and inferred flow direction at different depths as summarized below:

- Groundwater elevation in overburden at the Site ranged between 196.68 feet in RI-MW-15 to 193.06 in RI-MW-06, and the inferred groundwater flow direction is to the north.
- Groundwater elevation in shallow bedrock, which includes the first 5 feet of competent bedrock to the first water-bearing fracture zone, ranged from 196.81 in RI-MW-15BR to 193.37 in RI-MW-14BR, and the inferred groundwater flow direction is to the north.
- Groundwater elevation in intermediate bedrock, which includes transmissive fracture zones between 50 and 75 feet bgs, ranged between 196.99 feet in RI-MW-15BR-1 and 193.04 in RI-MW-10BR-I, and the inferred groundwater flow direction is to the north-northwest.
- Groundwater elevation in deep bedrock, which includes transmissive fracture zones between 75 and 230 feet bgs, ranged between 197.56 in RI-MW-15BR-D-I to 193.41 in RI-MW-10BR-D, and the inferred groundwater flow direction is to the northwest.

The groundwater measurements show some variability in groundwater elevation and inferred groundwater flow direction between overburden, shallow bedrock, and intermediate and deep bedrock. Some variability between overburden and bedrock is expected because groundwater in overburden is driven by flow through porous media and bedrock is driven by flow through discrete fractures. In addition, some variability between individual bedrock wells is to be expected because individual fractures that intersect the wells can be connected to other on-Site or off-Site fractures, that may have a different hydraulic head. However, groundwater flow in overburden and bedrock between ground surface and 100 feet bgs in bedrock across the Site is generally consistent, which indicates a high degree of connectivity between the overburden and the discrete fracture network on-Site, and indicates that regional groundwater flow in this area is generally in a north-northwesterly direction.

On a local scale, well-connected fractured crystalline bedrock aquifers, like the aquifer beneath the Site, will demonstrate a general water table elevation trend and flow direction. However, individual fractures, when isolated, can have unexpected hydraulic heads if they are connected to other fractures either on-Site or off-site that may have a different water table elevation than the fractures encountered at the specific interval and/or boring/well on-Site. A review of the downhole heat pulse flow meter results from all bedrock wells, indicates that under ambient conditions, groundwater generally enters the boreholes through intersecting fractures, fills the borehole to the elevation of the intersecting fracture with the shallowest individual hydraulic head, and presumably exits from fractures of sufficient aperture throughout the length of the borehole. As a result, the heat pulse flowmeter logs generally do not show flow within the borehole under ambient conditions. Under pumping conditions, the heat pulse flow meter logs show which fractures are contributing groundwater to the boreholes, as the flow rate increases as the device passes by contributing fractures as it rises through the borehole.

A review of the heat pulse flow meter logs identified two boreholes, RI-MW-10BR-D-II and RI-MW-BR-D-II, where previously unconnected fractures with different hydraulic heads were connected creating a flow pattern within the borehole. In borehole RI-MW-10BR-D-II, under ambient conditions, the hydraulic head of two fractures at 166 and 173.5 feet bgs had a lower hydraulic head than fractures at 194.5 and 230.5 feet bgs. As a result, groundwater entered the borehole at the two deeper fractures and exited the borehole through the shallower fractures. In RI-MW-11BR-D, groundwater flows into the borehole from a fracture at 98 feet bgs and exits the borehole at 23.5 feet bgs. While these conditions are not a common condition in wells at the Site, it is not an unexpected result.

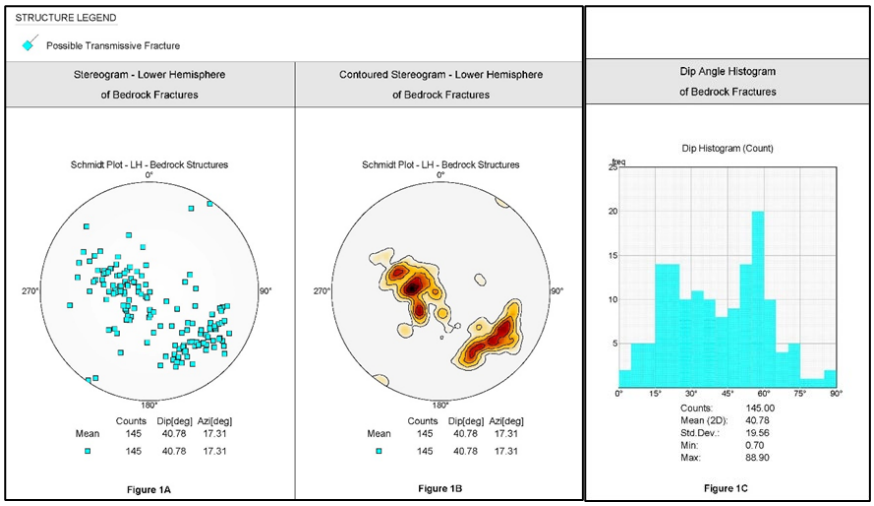
It should be noted that groundwater elevation data from RI-MW-09, RI-MW-09BR-I, RI-MW-09BR-D-II, RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II has been excluded from the bedrock groundwater elevation contour maps (Figures 5A, 5C, and 5D). The downhole geophysics performed at the MW-09 well location identified a crystalline matrix that appears to be more massive and has fewer fractures when compared to the other bedrock wells throughout the Site. In addition, the fractures present at the MW-09 well location had little to no transmissivity, and pumping performed during the downhole geophysics investigation drew the wells down and recharge was observed to be substantially slower than other bedrock well locations across the Site. The groundwater elevation data from the deeper bedrock wells, screened below 101' bgs (RI-MW-09BR-D-II, RI-MW-10BR-D-II, RI-MW-11BR-D-II, and RI-MW-16BR-D-II) had less consistent groundwater elevations, likely due to variable fracture connectivity at depth. Groundwater Elevation Contours Maps are included as Figures 5A through 5D, including Overburden Wells and Shallow, Intermediate, and Deep Bedrock Wells (respectively).

2.4.3 Bedrock Geotechnical Analysis

Geotechnical logging transmissive fracture statistic plots and dip azimuth rose diagrams of the deep bedrock fractures were prepared based on the downhole geophysical logging performed by Hager-Richter.

When plotted on an equal area (Schmidt) stereogram (In-Text Figure 1A), the likely transmissive fractures from all wells logged at the Site have highly variable dip angles and orientations. However, when these fractures are plotted on a contoured equal area stereogram (Figure 1B), two dominant fracture sets emerge: a steeply dipping (approximately 55 to 75 degree) west-northwest striking set, and a shallow dipping (approximately 15 to 30 degree) east-southeast striking set. These two sets (shallow dipping and steeply dipping) are also apparent when plotted on a dip histogram (Figure 1C), where a higher frequency of fractures with dips of approximately 20 degrees and 60 degrees are observed.

In-Text Figures 1A – 1C
Bedrock Fracture Plots



Based on the fracture trends noted above, groundwater likely entered bedrock through steeply dipping west-northwest trending fractures and traveled down to the shallower dipping east-southeast oriented fracture sets, where it is moved across the Site as laminar (or near laminar) flow. Based on field gauging results, groundwater at the Site flows in a generally north-northwesterly direction.

2.5 Contamination Conditions

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

- Soil – NYSDEC Part 375 UUSCOs, PGWSCOs, RRSCOs, and PFAS Guidance Values
- Groundwater – NYSDEC Class GA AWQSGVs and PFAS Guidance Values
- Soil Vapor – Petroleum-related and chlorinated VOCs in soil vapor across the Site were compared to the NYSDOH – Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (October 2006, including the September 2013, August 2015, May 2017, and February 2024 updates).

2.5.1 Conceptual Model of Site Contamination

Concentrations of COCs and potential COCs in soil/fill, groundwater, and soil vapor have been characterized across the Site to the extent practical. This RI, along with the findings from previous environmental investigations of the Site, concluded that contaminated soil/fill, groundwater, and soil vapor are present at the Site. The primary COCs at the Site include: metals and SVOCs in soil/fill material across the Site; chlorinated solvent-related VOCs in groundwater across the Site (in overburden and bedrock), and to a lesser extent, petroleum-related VOCs in groundwater in the south/southeastern portion of the Site; and chlorinated solvent-related VOCs in soil vapor in the western portion of the Site, and to a lesser extent, petroleum-related VOCs in soil vapor in the southeastern portion of the Site..

The primary COCs are related to:

1. Historical uses of former buildings/structures at the Site, including an auto repair located in the northern portion of the site and an upholsterer located in the southern portion of the Site;
2. Historical uses of off-Site properties consisting of historic drycleaners located west and southwest of the Site;
3. Potential petroleum impacts in soil, groundwater and/or soil vapor associated with numerous nearby active- and closed-status petroleum spills, petroleum bulk storage facilities (including two former gas stations south of the Site), a vulcanizer, hazardous waste generators (including generators of chlorinated solvents), a State BCP site reported in regulatory databases, and closed-status spills located on off-site areas of the Winbrook complex; and
4. Historic fill materials.

2.5.2 Description of Areas of Concern

Based on the results of the RI and supported by the findings from previous environmental investigations of the Site, ARKF has identified seven areas of concern (AOCs) to be addressed concurrently with future redevelopment activities at the site. Table H summarizes the identified AOCs.

Table H
Areas of Concern

AOC	Description	Affected Media	Contaminants of Concern	Depth Interval	Data to Support Determination
1	Site-Wide Shallow Contamination	Soil	Metals and SVOCs	0-2 feet bgs	RI Data (Multiple Soil Samples)
2	Hotspot at RI-SB-11	Soil	SVOCs and Metals	2-7 feet bgs	RI-SB-11_5-7_20240507
3	Hotspot at RI-SB-05	Soil	Metals	2-4 feet bgs	RI-SB-05_2-4_20240506
4	Hotspot at RI-SB-13	Soil	Metals	1.5-3.5 feet below basement slab of existing building	RI-SB-13_1.5-3.5_20240513
5	Hotspot at RI-SV-04	Soil Vapor	Chlorinated Solvent (Carbon Tetrachloride)	2-4 feet bgs (depth of GW)	RI-SV-04 and step out samples RI-SV-04A-D
6	Contamination in overburden groundwater	Groundwater	Chlorinated Solvents (PCE, TCE, c-DCE and vinyl chloride), Petroleum-Related Compounds (benzene, isopropylbenzene, n-propylbenzene, and sec-butylbenzene), acetone and chloroform	4-25 feet bgs	Multiple Overburden Wells

AOC	Description	Affected Media	Contaminants of Concern	Depth Interval	Data to Support Determination
7	Site-wide contamination in bedrock groundwater	Groundwater	Chlorinated Solvents (PCE, TCE, c-DCE and vinyl chloride), Petroleum-Related Compounds (tert-butyl methyl ether), acetone and chloroform	8 to 318 feet bgs	Multiple Bedrock Wells
Note: AOC = Area of Concern					

PCE results in overburden and shallow, intermediate, and deep bedrock wells along the southern Site boundary, including overburden wells RI-MW-03, RI-MW-13D and RI-MW-04 (all 1 ppb) and the overburden, and shallow, intermediate and deep bedrock well cluster RI-MW-15 were all below 5 ppb (0.34 to 4 ppb). These lower concentrations of PCE in the southern part of the Site indicate that the suspected primary source(s) of chlorinated solvents in bedrock are off-Site to the southwest (the former dry cleaner) and on-Site (the former upholster located north of these wells). The former on-Site automobile repair facility (on northern portion of Site) and second off-Site dry cleaner (to the west of the Site) may have also contributed to contamination at the Site.

Based on the geophysical bedrock analysis, two dominant fracture sets are present at the Site: a steeply dipping (approximately 55 to 75 degree) west-northwest striking set, and a shallow dipping (approximately 15 to 30 degree) east-southeast striking set. Therefore, PCE-contaminated groundwater may have entered bedrock through steeply dipping northwest trending fractures in the southwest (on-Site and/or off-Site) and traveled across the Site in shallow dipping fractures spreading across the Site horizontally and in a north-northwesterly direction (following regional groundwater flow direction).

In addition, the horizontal/near-horizontal fractures across the Site then connect with other steeply dipping fractures, which carry the contaminants deeper in a "step" pattern. Due to the specific density of PCE [1.62 grams per cubic centimeter (g/cm3)] compared to the specific density of water (1 g/cm3) and the angle of the steeply dipping fractures, PCE would be expected to travel to significant depths beneath the Site, as indicated by the bedrock well analytical results.

2.5.3 Identification of Standards, Criteria and Guidance

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

- Soil – 6 NYCRR Part 375, UUSCOs, RRSCOs and PGWSCOs (for CVOCs only) (December 2006); NYCRR Part 371 - Identification and Listing of Hazardous Wastes; 6 NYCRR Part 376 - Land Disposal Restrictions; NYCRR Part 360 - Solid Waste Management Facilities; and *Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (April 2023).
- Groundwater – 6 NYCRR Parts 700-706 - Water Quality Standards (June 1998), TOGS 1.1.1 AWQSGV and Guidance Values and Groundwater Effluent Limitations; *Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs* (April 2023); and the March 2023 Water Quality Guidance Values to Regulate PFOA, PFOS, and 1, 4-Dioxane.

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

- NYSDEC DER-10 – Technical Guidance for Site Investigation and Remediation (May 2010)
- NYSDEC Draft Brownfield Cleanup Program Guide (May 2004)
- NYSDOH Generic Community Air Monitoring Plan (CAMP)
- NYSDEC DER-23 – Citizens Participation Handbook for Remedial Programs (January 2010)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)
- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)
- 6 NYCRR Part 612 – Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 – Handling and Storage of Petroleum (February 1992)
- 6 NYCRR Part 614 – Standards for New and Substantially Modified Petroleum Storage Tanks (February 1992)
- 40 CFR Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program
- NYSDEC DER-31- Green Remediation (January 2011)
- NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006), including September 2013, August 2015, May 2017, and February 2024 updates (NYSDOH SVI Guidance).

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

2.5.4 Soil/Fill Contamination

2.5.4.1 Summary of Soil/Fill Data

Based on an evaluation of the data and information from the RI, soil/fill is a media of concern at the Site. Elevated concentrations of metals and SVOCs in the shallow soil samples [collected from surface (0 to 2 inches) and 0 to 2 feet bgs] were detected in the historic fill material across the Site. As such, metals and SVOCs in the historic fill layer from surface to 2 feet bgs across the Site are considered COCs. Further, SVOCs detected in the sample collected 5 to 7 feet bgs in the central portion of the Site (RI-SB-11) are considered COCs, and metals detected in samples collected from 2 to 4 feet bgs in the west central portion of the Site (RI-SB-05), from 5 to 7 feet bgs in the central portion of the Site

(RI-SB-11), and from 1.5 to 3.5 feet bgs (below the basement slab of the existing building) in the central portion of the Site (RI-SB-13) are considered COCs. The COCs in soil are attributable to historic on-Site uses, residual petroleum contamination from historic on-Site uses, and/or historic fill materials. The highest PFOS and PFOA concentrations were generally found in the shallow soil samples, and therefore, are attributed to historic fill material, which was encountered throughout the Site, and not to a release or other on-site source area.

2.5.4.2 Comparison of Soil/Fill with SCGs

Soil/fill sample concentrations above their respective UUSCOs, PGWSCOs, RRSCOs, and PFAS Guidance Values are summarized below in Tables I and J. All soil laboratory results are presented in Tables 2A through 2F. Exceedances of the applicable standards are shown on Figure 6.

Table I
Comparison of Soil/Fill with SCGs

Compound	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	PGWSCO (mg/kg)	Result (mg/kg)
Acetone	RI-SB-03_1-3_20240513	0.03	100	0.03	**0.032**
	RI-SB-04_4-6_20240507				**0.063**
	RI-SB-06_4-6_20240506				**0.05**
	RI-SB-09_6-8_20240507				**0.047**
	RI-SB-18_20-22_20250113				**0.035**
	RI-SB-19_7-9_20250113				**0.052**
	RI-SB-21_11-13_20250115				**0.038**
	RI-SB-22_0-2_20250702				**0.04**
	RI-SB-22_2-4_20250702				**0.033**
	RI-SB-X1_6-8_20240506				**0.047**
	RI-SB-X2_20240510				**0.031**
Benzo(a)Anthracene	RI-SB-09_0-2_20240507	1	1.4	1	**29**
	RI-SB-11_5-7_20240507				**1.2**
	RI-SB-11_SURFACE_20240507				**5.1**
Benzo(a)Pyrene	RI-SB-09_0-2_20240507	1	1	22	**28**
	RI-SB-11_5-7_20240507				**1.3**
	RI-SB-11_SURFACE_20240507				**5**
Benzo(b)Fluoranthene	RI-SB-09_0-2_20240507	1	1.4	2.1	**39**
	RI-SB-11_5-7_20240507				**1.6**
	RI-SB-11_SURFACE_20240507				**6.6**
Benzo(g,h,i)Perylene	RI-SB-09_0-2_20240507	0.64	4.9	1,000	**14**
	RI-SB-11_SURFACE_20240507				**2.4**
Benzo(k)Fluoranthene	RI-SB-09_0-2_20240507	0.8	4.9	2	**14**
	RI-SB-11_SURFACE_20240507				**2.3**
Chrysene	RI-SB-09_0-2_20240507	1	4.9	1	**30**
	RI-SB-11_5-7_20240507				**1.3**
	RI-SB-11_SURFACE_20240507				**5.3**
Dibenz(a,h)Anthracene	RI-SB-09_0-2_20240507	0.33	0.33	1,000	**3.9**
	RI-SB-11_SURFACE_20240507				**0.65**

Compound	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	PGWSCO (mg/kg)	Result (mg/kg)
Indeno(1,2,3-c,d)Pyrene	RI-SB-09_0-2_20240507	0.5	1.4	6.6	**17**
	RI-SB-11_5-7_20240507				**0.65**
	RI-SB-11_SURFACE_20240507				**2.8**
Phenanthrene	RI-SB-09_0-2_20240507	1.1	4.9	1,000	**22**
	RI-SB-09_6-8_20240507				**1.6**
	RI-SB-11_SURFACE_20240507				**4.4**
P,P'-DDD	RI-SB-05_2-4_20240506	0.0033	5	14	**0.0047 J**
P,P'-DDE	RI-SB-01_0-2_20240508	0.0033	3.4	9.3	**0.0085**
	RI-SB-01_SURFACE_20240508				**0.0048 J**
	RI-SB-05_2-4_20240506				**0.036**
P,P'-DDT	RI-SB-01_0-2_20240508	0.0033	3.8	135	**0.01**
	RI-SB-01_SURFACE_20240508				**0.0035 J**
	RI-SB-05_0-2_20240506				**0.016**
	RI-SB-05_2-4_20240506				**0.061**
	RI-SB-05_SURFACE_20240506				**0.0064 J**
	RI-SB-10_SURFACE_20240507				**0.0034 J**
	RI-SB-11_0-2_20240507				**0.0046 J**
	RI-SB-11_SURFACE_20240507				**0.0061 J**
Total PCBs	RI-SB-05_0-2_20240506	0.1	1	3.2	**0.15**
Barium	RI-SB-05_2-4_20240506	410	410	820	**2,480**
	RI-SB-11_5-7_20240507				**431**
Chromium, Hexavalent	RI-SB-05_0-2_20240506	1	1	19	**1.2 J**
Copper	RI-SB-04_0-2_20240507	50	280	1,720	**52.8**
	RI-SB-06_0-2_20240506				**77.6**
	RI-SB-10_4-6_20240507				**52.1**
Lead	RI-SB-01_0-2_20240508	63	400	450	**77.4**
	RI-SB-01A_0-0.2_20240729				**351**
	RI-SB-01A_0-2_20240729				**219**
	RI-SB-02_1-3_20240513				**181**
	RI-SB-03_1-3_20240513				**218**
	RI-SB-04_0-2_20240507				**234**
	RI-SB-05_0-2_20240506				**521**
	RI-SB-05_2-4_20240506				**933**
	RI-SB-05_SURFACE_20240506				**188**
	RI-SB-06_0-2_20240506				**115**
	RI-SB-07_0-2_20240506				**201**
	RI-SB-10_0-2_20240507				**267**
	RI-SB-10_4-6_20240507				**133**
	RI-SB-10_SURFACE_20240507				**273**
	RI-SB-11_0-2_20240507				**405**
	RI-SB-11_5-7_20240507				**1,080**
	RI-SB-11_SURFACE_20240507				**219**

Compound	Sample ID	UUSCO (mg/kg)	RRSCO (mg/kg)	PGWSCO (mg/kg)	Result (mg/kg)
Lead (continued)	RI-SB-12_0.5-2.5_20240510	63	400	450	**123**
	RI-SB-13_1.5-3.5_20240513				**285**
	RI-SB-14A_4-6_20240729				**159**
	RI-SB-X2_20240510				**71.8**
Mercury	RI-SB-04_0-2_20240507	0.18	0.3	0.73	**0.23**
	RI-SB-05_0-2_20240506				**0.21**
	RI-SB-06_0-2_20240506				**0.6**
	RI-SB-10_0-2_20240507				**0.23**
	RI-SB-10_SURFACE_20240507				**0.27**
	RI-SB-11_0-2_20240507				**0.22**
	RI-SB-11_SURFACE_20240507				**0.29**
	RI-SB-12_0.5-2.5_20240510				**0.2**
	RI-SB-13_1.5-3.5_20240513				**0.43**
	RI-SB-14A_4-6_20240729				**0.19**
Nickel	RI-SB-09_0-2_20240507	30	320	130	**34.5**
Zinc	RI-SB-01_0-2_20240508	109	6,600	2,480	**151**
	RI-SB-01_2-4_20240508				**157**
	RI-SB-01A_0-0.2_20240729				**137**
	RI-SB-01A_0-2_20240729				**115**
	RI-SB-03_1-3_20240513				**245**
	RI-SB-04_0-2_20240507				**128**
	RI-SB-05_0-2_20240506				**217**
	RI-SB-05_2-4_20240506				**1,570**
	RI-SB-05_SURFACE_20240506				**136**
	RI-SB-06_0-2_20240506				**254**
	RI-SB-07_0-2_20240506				**141**
	RI-SB-10_0-2_20240507				**187**
	RI-SB-10_4-6_20240507				**215**
	RI-SB-10_SURFACE_20240507				**207**
	RI-SB-11_0-2_20240507				**255**
	RI-SB-11_5-7_20240507				**221**
	RI-SB-11_SURFACE_20240507				**173**
	RI-SB-14A_0-2_20240729				**169 JL**
	RI-SB-14A_4-6_20240729				**154**

Notes:
J = The concentration given is an estimated value.
L = Sample result is estimated and biased low.
mg/kg = milligrams per kilogram
RI-SB-X1_6-8_20240506 is a blind duplicate of sample RI-SB-06_6-8_20240506.
RI-SB-X2_20240510 is a blind duplicate of sample RI-SB-08_1.5-3.5_20240510.
Exceedances of UUSCOs are bolded.
Exceedances of RRSCOs are shaded gray.
Exceedances of PGWSCOs are underlined.
RI-SB-01 is off-Site and in shadow text.

Table J
Comparison of Soil/Fill with PFAS Guidance Values

Analyte	Sample Identification	UUGV (µg/kg)	RRGV (µg/kg)	PGWGV (µg/kg)	Result (µg/kg)
Perfluorooctanesulfonic acid (PFOS)	RI-SB-01_2-4_20240508	0.88	44	1	**2.07**
	RI-SB-01A_0-0.2_20240729				**1.38**
	RI-SB-01A_0-2_20240729				**1.16**
	RI-SB-05_0-2_20240506				**3.81**
	RI-SB-05_SURFACE_20240506				**5.56**
	RI-SB-05_2-4_20240506				**1.72**
	RI-SB-05_4-6_20240506				**5.88**
	RI-SB-10_0-2_20240507				**1.85**
	RI-SB-10_SURFACE_20240507				**2.19**
	RI-SB-11_0-2_20240507				**2.11**
	RI-SB-11_SURFACE_20240507				**4.83**
Perfluorooctanoic acid (PFOA)	RI-SB-11_SURFACE_20240507	0.66	33	0.8	**1.12**

Notes:
µg/kg = micrograms per kilogram
Exceedances of UUGVs are highlighted in bold font.
Exceedances of PGWGVs are underlined.
RI-SB-01 is off-Site and in shadow text.

2.5.5 On-Site and Off-Site Groundwater Contamination

2.5.5.1 Summary of Groundwater Data

Eighteen VOCs, including chlorinated solvents and petroleum-related compounds, were detected at concentrations above their respective AWQSGVs in one or more groundwater samples (including two off-Site samples) and the blind duplicate sample. Five total metals (iron, lead, magnesium, manganese, and sodium) and three dissolved metals (manganese, magnesium, and sodium) were detected in one or more groundwater samples (including three off-Site samples) and the blind duplicate sample at concentrations above their respective AWQSGVs. In addition, PFAS were detected in all of the groundwater samples (including three off-Site samples) and the blind duplicate sample, with the PFAS compounds PFOS and PFOA being detected above their respective guidance values. The PFOA and PFOS concentrations in groundwater appear to be relatively consistent across the Site, with the highest concentration of PFOS being detected in an off-Site monitoring well, indicating that the PFAS detections observed at the Site are likely indicative of a regional groundwater condition and not an on-Site source. While it is unknown whether any products containing PFAS were historically used at the Site, the detections of PFAS from on-site and off-site sampling locations were relatively consistent, typical of levels found in fill material, and not indicative of a specific on-site source.

There are no soil sample results that indicate a specific release of PFAS on Site. While PFOS and PFOA were detected above their respective PGWGV, the PFOS and PFOA were not detected in the soil samples at concentrations above their respective RRGV. Based on the historical Site uses and the PFAS results for the soil and groundwater samples collected during the RI, the PFOS and PFOA detections in groundwater are attributable to regional background conditions, an off-Site source(s), and/or sediment entrained in the samples, and

not to a large on-site release or other on-site source area. Similar PFAS results were detected at other nearby BCP sites in White Plains, including sites located to the southwest (C360129A), north (C360209), and east (C360206) of the Site.

2.5.5.2 Comparison of Groundwater with SCGs

Groundwater sample concentrations above the AWQSGVs and Guidance Values for PFAS are summarized below in Tables K and L, respectively. Groundwater sample analytical results are presented in Attached Tables 3A through 3G. Groundwater sample concentrations above their respective AWQSGVs and PFAS concentrations above their guidance values in overburden and bedrock are shown on Figures 7A and 7B, respectively.

Table K
Comparison of Groundwater with SCGs

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
1,2,4-Trimethylbenzene	RI-MW-08_20240528	5	**890 D**
1,3,5-Trimethylbenzene (Mesitylene)	RI-MW-08_20240528	5	**370**
Acetone	RI-MW-10BR-I_20250424	50	**120**
	RI-MW-11D_20250123		**130 JL**
Benzene	RI-MW-07D_20240521	1	**1.2**
	RI-MW-08_20240528		**7.2**
	RI-MW-16BR-D-II_20260227		**1.4**
Chloroform	RI-MW-09BR-D_20250425	7	**14**
	RI-MW-11D_20250123		**16 JL**
	RI-MW-11BR-D-II_20260226		**7.3**
	DUP_20260226		**7.7**
Cis-1,2-Dichloroethylene	RI-MW-01D_20240524	5	**6.5**
	RI-MW-01DA_20240807		**37**
	RI-MW-02D_20240523		**17**
	RI-MW-05_20240529		**75 JL**
	RI-MW-07_20240521		**7.5**
	RI-MW-07D_20240521		**42**
	RI-MW-09D_20250124		**19**
	RI-MW-09BR-D-II_20260226		**16**
	RI-MW-10BR-D_20250424		**9.1**
	RI-MW-10D_20250123		**61**
	RI-MW-11BR_20250124		**16**
	RI-MW-11BR-D_20250423		**19 J**
	RI-MW-11BR-I_20250423		**14**
	RI-MW-12BR_20250425		**33**
	RI-MW-12BR-D-I_20251110		**74**
	RI-MW-14BR_20250423		**48**
	RI-MW-14BR-D-I_20251113		**17**
	RI-MW-14BR-I_20251113		**33**
	RI-MW-16_20251112		**8.4**

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
Cis-1,2-Dichloroethylene (continued)	RI-MW-16BR_20251112	5	**12**
	RI-MW-16BR-D-I_20251112		**96**
	RI-MW-16BR-D-II_20260227		**12**
	RI-MW-16BR-I_20251112		**41**
	RI-MW-X_20250123		**5.1**
	RI-MW-X_20250423		**18 J**
Ethylbenzene	RI-MW-08_20240528	5	**200**
Isopropylbenzene (Cumene)	RI-MW-08_20240528	5	**120**
	RI-MW-08A_20240807		**22**
M,P-Xylenes	RI-MW-08_20240528	5	**88**
N-Butylbenzene	RI-MW-08_20240528	5	**39**
N-Propylbenzene	RI-MW-08_20240528	5	**300**
	RI-MW-08A_20240807		**29**
O-Xylene (1,2-Dimethylbenzene)	RI-MW-08_20240528	5	**14**
Sec-Butylbenzene	RI-MW-08_20240528	5	**22**
	RI-MW-08A_20240807		**5.7**
Tert-Butyl Methyl Ether	RI-MW-12BR_20250425	10	**14 J**
	RI-MW-12BR-D-I_20251110		**32**
	RI-MW-16BR_20251112		**11**
	RI-MW-16BR-D-I_20251112		**47**
	RI-MW-16BR-D-II_20260227		**14**
	RI-MW-16BR-I_20251112		**22**
Tetrachloroethylene (PCE)	DUP_20251110	5	**2,400**
	RI-MW-01D_20240524		**120**
	RI-MW-01DA_20240807		**72**
	RI-MW-02D_20240523		**380**
	RI-MW-05_20240529		**98 JL**
	RI-MW-07D_20240521		**50**
	RI-MW-09BR_20250127		**17**
	RI-MW-09BR-D_20250425		**13**
	RI-MW-09BR-D-II_20260226		**310**
	RI-MW-09BR-I_20250425		**12**
	RI-MW-09D_20250124		**140**
	RI-MW-10BR_20250124		**1,000**
	RI-MW-10BR-D_20250424		**1,800**
	RI-MW-10BR-D-II_20260227		**110**
	RI-MW-10BR-I_20250424		**1,200**
	RI-MW-10D_20250123		**430**
	RI-MW-11BR_20250124		**12**
	RI-MW-11BR-D_20250423		**3,400**
	RI-MW-11BR-D-II_20260226		**5.9**
	RI-MW-11BR-I_20250423		**2,000**

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
Tetrachloroethylene (PCE) (continued)	RI-MW-12_20250123	5	**6.8**
	RI-MW-12BR_20250425		**3,800**
	RI-MW-12BR-D-I_20251110		**3,200**
	RI-MW-12BR-I_20251110		**2,200**
	RI-MW-12D_20250123		**390**
	RI-MW-14BR_20250423		**1,700**
	RI-MW-14BR-D-I_20251113		**2,300**
	RI-MW-14BR-I_20251113		**2,200**
	RI-MW-16_20251112		**16**
	RI-MW-16BR_20251112		**14**
	RI-MW-16BR-D-I_20251112		**2,200**
	RI-MW-16BR-I_20251112		**150**
	RI-MW-X_20250123		**370**
	RI-MW-X_20250423		**3,300**
Toluene	RI-MW-11BR-D-II_20260226	5	**5.5**
	DUP_20260226		**5.4**
Trichloroethylene (TCE)	DUP_20251110	5	**8.9**
	RI-MW-01DA_20240807		**9.2**
	RI-MW-02D_20240523		**6**
	RI-MW-05_20240529		**19**
	RI-MW-07D_20240521		**8.2**
	RI-MW-09BR-D-II_20260226		**54**
	RI-MW-09D_20250124		**7.1**
	RI-MW-10BR_20250124		**11**
	RI-MW-10BR-D_20250424		**24**
	RI-MW-10BR-D-II_20260227		**15**
	RI-MW-10BR-I_20250424		**11**
	RI-MW-10D_20250123		**7.5**
	RI-MW-11BR-D_20250423		**31**
	RI-MW-11BR-I_20250423		**75**
	RI-MW-12BR_20250425		**32**
	RI-MW-12BR-D-I_20251110		**60**
	RI-MW-12BR-I_20251110		**8.5**
	RI-MW-14BR_20250423		**49**
	RI-MW-14BR-D-I_20251113		**30**
	RI-MW-14BR-I_20251113		**98**
	RI-MW-16BR-D-I_20251112		**75**
	RI-MW-16BR-I_20251112		**11**
	RI-MW-X_20250423		**28**
Vinyl Chloride	RI-MW-02D_20240523	2	**2.1**
	RI-MW-05_20240529		**6.5**
	RI-MW-07_20240521		**2.8**
	RI-MW-07D_20240521		**10**
	RI-MW-11BR_20250124		**2.9**

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
Iron (Total)	RI-MW-01_20240524	300	**25,700**
	RI-MW-01D_20240524		**18,600**
	RI-MW-01DA_20240807		**37,300**
	RI-MW-02_20240523		**18,100**
	RI-MW-02D_20240523		**3,750**
	RI-MW-04_20240522		**11,100**
	RI-MW-05_20240529		**1,520**
	RI-MW-06_20240528		**6,660**
	RI-MW-07_20240521		**9,470**
	RI-MW-07D_20240521		**7,540**
	RI-MW-08_20240528		**6,200**
	RI-MW-08A_20240807		**2,890**
	RI-MW-0X_20240528		**6,470**
Lead (Total)	RI-MW-02_20240523	25	**291**
Magnesium (Total)	RI-MW-01_20240524	35,000	**42,600**
	RI-MW-01D_20240524		**36,900**
	RI-MW-01DA_20240807		**91,900**
	RI-MW-02D_20240523		**35,700**
	RI-MW-07D_20240521		**37,000**
Manganese (Total)	RI-MW-01_20240524	300	**881**
	RI-MW-01D_20240524		**550**
	RI-MW-01DA_20240807		**1,560**
	RI-MW-02_20240523		**316**
	RI-MW-02D_20240523		**1,790**
	RI-MW-04_20240522		**685**
	RI-MW-05_20240529		**1,420**
	RI-MW-06_20240528		**1,610**
	RI-MW-07_20240521		**1,120**
	RI-MW-07D_20240521		**478**
	RI-MW-08_20240528		**501**
	RI-MW-08A_20240807		**868**
	RI-MW-0X_20240528		**1,710**
Sodium (Total)	RI-MW-01_20240524	20,000	**169,000**
	RI-MW-01D_20240524		**62,600**
	RI-MW-01DA_20240807		**110,000**
	RI-MW-02_20240523		**121,000**
	RI-MW-02D_20240523		**130,000**
	RI-MW-03_20240522		**51,200**
	RI-MW-04_20240522		**42,300**
	RI-MW-05_20240529		**201,000**
	RI-MW-06_20240528		**128,000**
	RI-MW-07_20240521		**205,000**
	RI-MW-07D_20240521		**274,000**
	RI-MW-08_20240528		**288,000**
	RI-MW-08A_20240807		**166,000**

Compound	Sample ID	AWQSGVs (µg/L)	Result (µg/L)
	RI-MW-0X_20240528		**150,000**
Magnesium (Dissolved)	RI-MW-01DA_20240807	35,000	**75,000**
Manganese (Dissolved)	RI-MW-01_20240524	300	**500**
	RI-MW-01DA_20240807		**1,080**
	RI-MW-02D_20240523		**1,460**
	RI-MW-03_20240522		**1,760**
	RI-MW-04_20240522		**531**
	RI-MW-05_20240529		**1,260**
	RI-MW-06_20240528		**1,410**
	RI-MW-07D_20240521		**357**
	RI-MW-08_20240528		**393**
	RI-MW-08A_20240807		**781**
	RI-MW-0X_20240528		**1,500**
Sodium (Dissolved)	RI-MW-01_20240524	20,000	**86,200**
	RI-MW-01D_20240524		**69,200**
	RI-MW-01DA_20240807		**121,000**
	RI-MW-02_20240523		**74,300**
	RI-MW-02D_20240523		**124,000**
	RI-MW-03_20240522		**57,800**
	RI-MW-04_20240522		**41,700**
	RI-MW-05_20240529		**191,000**
	RI-MW-06_20240528		**126,000**
	RI-MW-07_20240521		**252,000**
	RI-MW-07D_20240521		**271,000**
	RI-MW-08_20240528		**262,000**
	RI-MW-08A_20240807		**167,000**
	RI-MW-0X_20240528		**137,000**

Notes:
D = Indicates an identified compound in an analysis that has been diluted.
J = The concentration given is an estimated value.
L = Sample result is estimated and biased low.
µg/L = micrograms per liter
Exceedances of AWQSGVs are highlighted in bold font.
DUP_20251110 is a blind duplicate of sample RI-MW-12BR-I_20251110.
RI-MW-X_20250123 is blind duplicate of RI-MW-12D_20250123.
RI-MW-X_20250423 is a blind duplicate of sample RI-MW-11BR-D_20250423.
RI-MW-0X_20240528 is a blind duplicate of sample RI-MW-06_20240528.
Sample locations RI-MW-01_20240524, RI-MW-01D_20240524 and RI-MW-08_20240528 are off-Site and in shadow text.

Table L
Comparison of Groundwater with PFAS Guidance Values

Analyte	Sample Identification	AWQSGV (ng/L)	Concentration (ng/L)
Perfluorooctanesulfonic acid (PFOS)	RI-MW-01_20240524	2.7	**18.1**
	RI-MW-01D_20240524		**15.3**
	RI-MW-02D_20240523		**52.3**
	RI-MW-03_20240522		**66.9**
	RI-MW-04_20240522		**21.4**
	RI-MW-05_20240529		**110**
	RI-MW-06_20240528		**11.3**
	RI-MW-07_20240521		**15**
	RI-MW-07D_20240521		**23.8**
	RI-MW-08_20240528		**113**
	RI-MW-08A_20240807		**9.15**
	RI-MW-0X_20240528		**11.7**
Perfluorooctanoic acid (PFOA)	RI-MW-01_20240524	6.7	**36.6**
	RI-MW-01D_20240524		**28.8**
	RI-MW-01DA_20240807		**15.3**
	RI-MW-02D_20240523		**42.8**
	RI-MW-03_20240522		**54.3**
	RI-MW-04_20240522		**7.45**
	RI-MW-05_20240529		**24**
	RI-MW-06_20240528		**11.3**
	RI-MW-07D_20240521		**19.5**
	RI-MW-08_20240528		**29.7**
	RI-MW-08A_20240807		**17.6**
	RI-MW-0X_20240528		**9.19**

Notes:
ng/L = nanograms per liter
Exceedances of AWQSGVs are highlighted in bold font.
Sample locations RI-MW-01, RI-MW-01D and RI-MW-08 are off-Site and in shadow text.

2.5.6 On-Site and Off-Site Soil Vapor Contamination

Although there are currently no regulatory or published guidance values for VOCs in soil vapor, soil vapor data was used to assess the potential for exposure to receptors and to help define the nature and extent of contamination at the Site.

A total of 12 RI soil vapor samples (plus one blind duplicate QA/QC sample) were collected from the 12 temporary soil vapor points installed across the Site (RI-SV-01 through RI-SV-05, RI-SV-06A, and RI-SV-07), one off-Site location (RI-SV-06), one ambient air sample (RI-SV-AA_20240508), and the four supplemental delineation soil vapor points (RI-SV-04A, RI-SV-04B, RI-SV-04C, and RI-SV-04D), which were advanced in the vicinity of RI-SV-04. Forty-three VOCs were detected in one or more of the soil vapor samples analyzed.

2.5.6.1 Comparison of Soil Vapor with SCGs

VOCs associated with petroleum-related compounds [including benzene, toluene, ethylbenzene, xylenes, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 2,2,4-trimethylpentane, 2-hexanone, 4-ethyltoluene, acetone, butane, cyclohexane, methyl ethyl ketone (2-butanone), methyl isobutyl ketone (4-methyl-2-pentanone), n-heptane, n-hexane, and tert-butyl methyl ether] were detected in one or more samples at concentrations up to 28,000 micrograms per cubic meter (µg/m^3) (2,2,4-trimethylpentane in a diluted analysis of off-Site RI-SV-06_20240509).

Chlorinated solvent-related compounds [including carbon tetrachloride, cis-1,2-dichloroethylene, PCE, TCE, and vinyl chloride] were detected in one or more samples at concentrations up to 13,000 µg/m^3 (carbon tetrachloride in a diluted analysis of RI-SV-04_20240509). Soil vapor sample analytical results are included in Attached Table 4, and the associated detections from the RI are shown on Figure 8. Soil vapor results for select analytes for the on-Site sampling locations are provided in In-Text Table M.

Table M
VOC Concentrations in Soil Vapor (On-Site Locations)

Analyte	Concentration Range in Soil Vapor Samples (µg/m^3)
Carbon Tetrachloride	ND – 13,000
Cis-1,2-Dichloroethene	ND – 25
1,1-Dichloroethene	ND – 0.17
Trichloroethene (TCE)	ND – 15
Methylene Chloride	ND – 3.6
Tetrachloroethene (PCE)	ND – 42
1,1,1-Trichloroethane	ND
Vinyl Chloride	ND – 1.2
Benzene	ND – 2.3
Ethylbenzene	ND - 31
Naphthalene	ND
Cyclohexane	ND – 6.4
2,2,4-Trimethylpentane	ND – 6.3
1,2,4-Trimethylbenzene	ND – 190
1,3,5-Trimethylbenzene	ND – 81
o-Xylene	ND – 120
m,p-Xylene	ND - 170
n-Heptane	ND – 20
n-Hexane	ND - 33
Toluene	0.64 – 14
Notes: µg/m^3 = micrograms per cubic meter; ND = not detected above laboratory reporting limit	

As noted in the table above, carbon tetrachloride was detected a maximum concentration of 13,000 µg/m^3 in a diluted analysis of RI-SV-04_20240509. The maximum concentration in the delineation samples collected approximately 25 feet in each cardinal direction from the original RI-SV-04 location (step-out samples) was 40 µg/m3 in RI-SV-04B, which is

several orders of magnitude lower than the RI-SV-04 concentration and attributed to either an on-Site source area or anomaly.

The RI results indicated that VOCs associated with petroleum [including benzene, toluene, ethylbenzene, and xylenes (collectively referred to as BTEX)] were detected at variable concentrations in 11 of the on-Site RI soil vapor samples and the off-Site sample. The chlorinated VOC, PCE, was detected in 10 of the RI soil vapor samples.

It should be noted that no indoor air sampling was conducted during the RI as the existing building will be demolished prior to redevelopment of the Site.

The petroleum-related VOCs in off-Site soil vapor sample RI-SV-06 are likely attributable to petroleum contamination from the two petroleum releases south of the Site and the carbon tetrachloride detection is related to an on-Site source.

2.6 Environmental and Public Health Assessments

2.6.1 Qualitative Human Health Exposure Assessment

The objective of the Qualitative Human Health Exposure Assessment (QHHEA) is to identify potential receptors and pathways for human exposure to the Contaminants of Concern (COC) that are present at, or migrating from, the Site. The identification of exposure pathways describes the route that the COC takes to travel from the source within different environmental media to the receptor. An identified pathway indicates that the potential for exposure exists; it does not imply that exposures actually occur.

The RI, as described in the RIR, was sufficient to complete a QHHEA. The QHHEA was performed to determine whether the Site poses an existing or future health hazard to the Site's exposed or potentially exposed population. The sampling data was evaluated to determine whether there is any health risk by characterizing the exposure setting, identifying exposure pathways, and evaluating contaminant fate and transport. This QHHEA was prepared in accordance with Appendix 3B and Section 3.3 (c) 4 of the NYSDEC Draft DER-10 Technical Guidance for Site Investigation and Remediation. The full QHHEA, which describes the environmental media, contaminants of concern, potential routes of exposure, potential receptors, and existence of human health exposure pathways, is included in the draft RIR, which is provided in Appendix D.

The Site currently contains a vacant nine-story apartment building with a basement and surrounding lawns and walkways in the north, western, and central portions of the Site, an active asphalt-paved parking lot in the southern portion of the Site, and a vacant asphalt/concrete lot, secured by a fence with locked gates, in the eastern portion of the Site. There are no areas where shallow fill material is exposed. Currently, there is a potential exposure pathway from soil vapor intrusion into the existing building; however, as the building is currently vacant it is not expected that the exposure pathway would become complete. There is also a potential exposure pathway from soil vapor intrusion into the adjacent structures, other than the recently constructed north-adjacent building at 135 South Lexington Avenue which included vapor mitigation construction details (including a passive SSDS and vapor barrier). The on-Site apartment building was vacated in 2023, to allow for the current redevelopment of the Site. No ground intrusive work (or other activities that could potentially result in the generation of dust) has been (since the date of the BCA) or will be conducted without implementation of a NYSDEC-approved CAMP and HASP; therefore, ingestion, inhalation, or dermal contact with contaminants in soil/fill, groundwater, and/or soil vapor is unlikely. Table N summarizes the human health exposure assessment.

Table N
Overall Human Health Exposure Assessment

Environmental Media	Exposure Route	Exposure Assessment
Direct contact with surface soil/fill material (or incidental ingestion)	Direct Contact or Ingestion	- The Site is currently vacant, and contains a vacant building, an active asphalt parking lot, a vacant paved lot, and surrounding lawns and walkways. - No ground-intrusive work or other activities that could potentially result in the generation of dust will be conducted without implementation of a NYSDEC-approved CAMP and HASP. - A composite cover system and appropriate engineering and institutional controls should be specified in a RAWP for areas where contaminants of concern remain in soil in exceedance of applicable use-based SCOs.
Direct contact with subsurface soil/fill material (or incidental ingestion)		
Direct contact with groundwater (or incidental ingestion)	Direct Contact or Ingestion	- Groundwater at the Site is not used as a source of potable water or for production purposes. - The Site and surrounding area are serviced by municipal drinking water service. There are no known domestic water supply wells in the area. - There are no surface water bodies or otherwise for potential direct contact or ingestion of groundwater/surface water. - The RAWP should include appropriate treatment and/or monitoring of any on-site sources of groundwater contamination.
Inhalation of Soil Vapor (related to soil vapor intrusion)	Inhalation	- The on-Site building is currently vacant and will be demolished prior to redevelopment of the Site. - The new on-Site building will include a vapor barrier and an active SSDS. - A Soil Vapor Intrusion Evaluation (SVIE) will be performed prior to building occupancy. - The RAWP includes a contingency for a Soil Vapor Extraction (SVE) System (SVES), which will be installed if site conditions and endpoint sample results indicate a CVOC source in soil or soil vapor remains after soil removal. - Limited VOC impacts were observed in shallow groundwater at the Site as compared to higher VOC concentrations in deeper groundwater both in the deeper overburden and bedrock wells. While VOCs in shallow groundwater poses a minimal risk for potential vapor intrusion, particularly for off-Site receptors, the RAWP should include treatment of groundwater to address to potential on-Site sources of contamination and prevent off-Site migration that could be a source of vapor intrusion.
Notes: BCA – brownfield cleanup agreement; RAWP – Remedial Action Work Plan; SCOs – Soil Cleanup Objectives; CAMP – community air monitoring plan; HASP – health and safety plan		

2.6.2 Fish and Wildlife Remedial Impact Analysis

The RI for this Site did not identify fish and wildlife resources.

2.7 Remedial Action Objectives

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

2.7.1 Groundwater

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

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

2.7.2 Soil

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.
- Prevent impacts to biota due to ingestion/direct contact with contaminated soil that would cause toxicity or bioaccumulation through the terrestrial food chain.

2.7.3 Soil Vapor

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

3.0 DESCRIPTION OF REMEDIAL ACTION PLAN

3.1 Evaluation of Remedial Alternatives

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

- Protection of human health and the environment;
- Compliance with standards, criteria, and guidelines (SCGs);
- Short-term effectiveness and impacts;
- Long-term effectiveness and permanence;
- Reduction of toxicity, mobility, or volume of contaminated material;
- Implementability;
- Cost effectiveness;
- Community Acceptance;
- Green and Sustainable Remediation (including climate resiliency); and
- Land use.

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

- 6 NYCRR Part 375-6 Soil Cleanup Objectives
- New York State Groundwater Quality Standards – 6 NYCRR Part 703
- NYSDEC Ambient Water Quality Standards and Guidance Values – TOGS 1.1.1
- NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation – May 2010 (or later version if available)
- Sampling, Analysis, And Assessment of Per- And Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs (April 2023)
- NYSDEC Draft Brownfield Cleanup Program Guide (May 2004)
- New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan
- NYS Waste Transporter Permits – 6 NYCRR Part 364
- NYS Solid Waste Management Requirements – 6 NYCRR Part 360 and Part 364
- NYSDEC DER-23 Citizen Participation handbook for Remedial Programs (January 2010)
- 6 NYCRR Part 372 – Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities (November 1998)

- 6 NYCRR Subpart 374-1 – Standards for the Management of Specific Hazardous Wastes and Specific Types of Hazardous Waste Management Facilities (November 1998)
- 6 NYCRR Subpart 374-3 – Standards for Universal Waste (November 1998)
- 6 NYCRR Part 375 – Environmental Remediation Programs (December 2006)
- 6 NYCRR Part 612 – Registration of Petroleum Storage Facilities (February 1992)
- 6 NYCRR Part 613 – Handling and Storage of Petroleum (February 1992)
- 40 CFR Part 280 – Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks
- 29 CFR Part 1910.120 – Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 – Underground Injection Control Program
- NYSDOH Soil Vapor Intrusion Matrices – NYSDOH Sub-Slab Vapor Concentration which may require monitoring or mitigation as presented in the Matrix A, Matrix B, Matrix C, Matrix D, Matrix, E, and Matrix F tables of the Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006), update February 2024 ("NYSDOH SVI Guidance"),
- NYSDEC DER-31 – Green Remediation (January 2011)
- NYSDEC Sampling, Analysis, and Assessment of PFAS (April 2023)

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

Remedial Alternative 1 – No Further Action

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

1. Protection of Human Health and the Environment – Not satisfied, as the on-Site contamination would remain and the potential on-site exposure pathways would not be addressed.
2. Compliance with SCGs – Not satisfied, as contaminants would remain in soil at concentrations that exceed NYSDEC Part 375 UUSCOs and/or RRSCOs and dissolved contaminants would remain in groundwater at concentrations that exceed NYSDEC AWQSGVs. Additionally, contaminants would remain in soil vapor at elevated concentrations.
3. Short-term Effectiveness and Impacts – Not satisfied, as there would be no measures in place to protect workers, occupants or the surrounding community from potential exposure to existing contaminated soil, groundwater, or vapors if redevelopment were to occur; or at existing or future adjacent off-site buildings.
4. Long-term Effectiveness and Permanence – Not satisfied, as potential exposure pathways identified in the QHHEA would remain during and after site redevelopment.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Not satisfied, as on-site contamination would remain in place.
6. Implementability – Very feasible, as no personnel or regulatory approvals would be needed, and natural attenuation would be the only remedial plan utilized.

7. Cost Effectiveness – Very cost effective to proceed with no further action; however, this criterion is not satisfied, as it requires a comparison of cost to long/short term effectiveness and toxicity reduction, which would not be achieved.
8. Community Acceptance – Not satisfied, as this alternative will allow the on-site contamination to remain in place or to result in potential direct exposure if redevelopment were to take place.
9. Land Use – Not satisfied, as implementation would be incompatible with the anticipated future use of Restricted Residential, and the Site does not contribute to expanding quality affordable housing in the City of White Plains.

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

Remedial Alternative 2 would include demolition of the existing building, removal and/or treatment of all contaminated soil, groundwater, and soil vapor to comply with UUSCOs and AWQSGVs. This would include: an aggressive in-situ treatment program to address chlorinated solvent contamination in groundwater and excavation of all soil above the UUSCOs, including excavation sitewide to approximately 8 feet bgs, and below the groundwater interface and/or down to bedrock as needed.

1. Protection of Human Health and the Environment – Satisfied, as the soil contamination would be removed, the contaminants in groundwater would be significantly reduced, and concentrations of chlorinated solvents in soil vapor would be significantly reduced by removing/reducing the potential sources in soil and groundwater.
2. Compliance with SCGs – Satisfied; all soil above UUSCOs would be removed, groundwater would comply with AWQSGVs, and any on-site source of soil vapor contamination would be removed.
3. Short-term Effectiveness and Impacts – Satisfied; this alternative would be effective in reducing soil contamination in the short-term since all contaminated soil will be removed from the Site. There is, however, a risk of short-term impacts to Site workers and the community, as the process of excavating contaminated soil to comply with UUSCOs may cause the release of particulates and organic vapors. This risk can be controlled by employing health and safety and community air monitoring procedures during remediation and construction.
4. Long-term Effectiveness and Permanence – Satisfied, as the RAOs will be achieved and no contamination exceeding the applicable criteria would remain at the Site.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied; all of the contaminated soil would be removed and groundwater would be treated, thereby reducing the toxicity, mobility, and volume of on-site contaminants. Additionally, removing the soil source and treating the groundwater would likely significantly reduce soil vapor contamination or remove it entirely.
6. Implementability – Complicated, but implementable with respect to soil; likely technically impractical for groundwater. This alternative would require excavation to bedrock and/or below the water table site-wide. The complex bedrock geology and hydrogeology significantly complicate the ability to treat chlorinated solvents in groundwater to the AWQSGVs to depths beyond 200 feet.
7. Cost Effectiveness – Not cost-effective; this alternative would require site-wide excavation beyond what would be required for the proposed construction project, including support of excavation (SOE) around the entire site perimeter, excavation to approximately 8 feet bgs, treatment of groundwater in the overburden, and an extensive network of injection wells to treat groundwater in bedrock. In order to evaluate comparative costs between this alternative

(Track 1) and Remedial Alternative 3 (Track 2), this alternative assumes that groundwater would require treatment in bedrock to an average depth of approximately 200 feet bgs.

Under this alternative, it is estimated that approximately 14,000 cubic yards (or 21,000 tons) of contaminated soil would be excavated and disposed of off-site at an average rate of $75 per ton for transportation and disposal (T&D). Therefore, the soil disposal costs for this alternative would be on the order of $1,575,000. Approximately 14,000 cubic yards of clean fill would then have to be imported to bring the Site elevation back up to the pre-remedial grades. Using a market rate of $50 per cubic yard of clean fill, remedial backfill import costs would equal approximately $700,000. Estimated site preparation costs associated with this remedial action, including installation of SOE, excavation/loading/compaction equipment and labor, dewatering, soil pre-characterization, and added site safety/security measures, total approximately $2,260,000.

Overburden groundwater remediation would include injection of either in-situ chemical oxidation (ISCO) or bioaugmentation/reductive dechlorination reagents in a gridded injection well network. While groundwater treatment in bedrock becomes more challenging with increased depths, the cost evaluation for this alternative includes an injection well network that includes three transects of injection wells along the upgradient (western), middle, and downgradient (eastern portions) of the Site. Each transect would include three to four injection well clusters, each with injection intervals (individual injection wells) designed to treat bedrock to an average depth of 200 feet bgs. ISCO and/or bioaugmentation/reductive dechlorination reagents would then be injected into each of the bedrock injection well clusters. The cost estimate for this alternative includes up to three injection events (two during the remedy implementation and one contingent event during site management). The total groundwater remediation costs for this alternative are estimated to be $10,325,000.

Costs for environmental engineering/oversight fees total approximately $1,486,000. Mark-ups for overhead and profit of 18% and a contingency of 15% have been included. Based on these assumptions, the total estimated cost for this alternative is $21,250,000, as detailed in Table O. This alternative would incur significantly more costs when compared to Remedial Alternative 3 while only providing nominal improvement in achieving the RAOs.

Table O
Estimated Costs for Alternative 2 (Track 1)

Remedial Element	Quantity		Unit Cost		Cost	Notes
Transportation and Disposal	21000	tons	$75	/ton	$1,575,000	Based on conversion of 1.5 tons/cubic yard
Importation of Clean Fill	14000	cubic yards	$50	/cubic yard	$700,000	
Support of Excavation	14000	cubic yards	$40	/cubic yard	$560,000	Remedial excavation volume of 14000 cubic yards.
Remedial Excavation	14000	cubic yards	$25	/cubic yard	$350,000	
Odor/Vapor Control and Other H&S Requirements	14000	cubic yards	$25	/cubic yard	$350,000	
Loading for Disposal	14000	cubic yards	$5	/cubic yard	$70,000	
Import Placement & Compaction	14000	cubic yards	$25	/cubic yard	$350,000	

Remedial Element	Quantity		Unit Cost		Cost	Notes
Soil Sampling for Pre-Characterization	1	allowance	$180,000	allowance	$180,000	
Dewatering	1	allowance	$400,000	allowance	$400,000	
Groundwater PDI & Design	1	allowance	$1,425,000	allowance	$1,425,000	
Groundwater Injection Well Network	1	allowance	$3,000,000	allowance	$3,000,000	
Groundwater Injections	1	allowance	$5,500,000	allowance	$5,500,000	
Post-Remediation Groundwater Monitoring	1	allowance	$400,000	allowance	$400,000	
Subtotal					*$14,860,000*	
RAWP Implementation Engineering (including Inspection, Oversight, and Reporting)			10%		$1,486,000	Assumes 10% allowance of above costs
Overhead and Profit			18%		$2,675,000	
Contingency			15%		$2,229,000	
Total					**$21,250,000**	

8. Community Acceptance – Partially satisfied; this alternative would be protective of human health and the environment in the long term; however, the extended construction schedule would increase the time for potential construction-related disruptions to the surrounding community.
9. Land Use – Satisfied; this alternative would result in the cleanup of the Site for unrestricted use, which would allow for redevelopment of the Site.
10. Environmental Footprint Analysis – Partially satisfied, as this alternative would incorporate only limited green and sustainable remediation principles. An environmental footprint analysis for this alternative is included in Appendix E, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. 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, were incorporated. This Track 1 alternative would not allow for reuse of excavated materials at the Site. This alternative would also require significantly more resources to treat groundwater when compared to Remedial Alternative 3 while only providing nominal improvement in achieving the RAOs. This alternative does not maximize green and sustainable remediation practices as compared to Remedial Alternative 3.
11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The climate vulnerability assessment for this alternative is included in Appendix F.

Remedial Alternative 3 – Track 2 Restricted Residential Use Cleanup with Engineering Controls and Contingent Track 4 Site-Specific Cleanup

Remedial Alternative 3 would include: demolition of the existing building, excavation to remove shallow (approximately 2 feet below grade) soil/fill with metals and SVOCs concentrations exceeding RRSCOs across the Site; removal of additional deeper soil/fill (hotspot removal) exceeding RRSCOs for metals and SVOCs; excavation to remove soil vapor with carbon tetrachloride down to the groundwater interface; in-situ treatment of groundwater; and installation of a vapor barrier and active sub-slab depressurization system (SSDS) beneath the building slab to prevent vapor intrusion; and installation of a composite cover system in any Track 4 areas.

Based on the results of the previous investigations conducted at the Site, it is anticipated that the soil/fill Site-wide excavation would extend to approximately 2 feet below grade, the three soil hotspot removal areas will range from approximately 2 to 7 feet below grade to remove material exceeding the Track 2 SCOs (PGWSCOs for VOCs and RRSCOs for all parameters), and the soil vapor hotspot removal area in the western portion of the Site will extend to approximately 8 feet below grade. However, deeper excavation would be conducted in targeted areas to the extent practical if needed to achieve the Track 2 SCOs based on results of endpoint sampling. Excavation of AOC-2 and AOC-5 will likely extend into groundwater, with deeper materials being removed "in the wet" or utilizing localized dewatering.

This alternative would include injection of either ISCO or bioaugmentation/reductive dechlorination reagents in a gridded injection well network to treat the saturated overburden and to flood the overburden/bedrock interface to allow for reagent to penetrate weathered/shallow fractures in bedrock. In addition, three transects of bedrock injection well clusters along the upgradient (western), middle, and downgradient (eastern) portions of the Site would be installed to allow for reagent injection to a depth of up to 100 feet bgs. Each transect would include three to four injection well clusters comprised of three individual injection wells to target the shallow, intermediate, and deep bedrock zones (up to 100 feet bgs). The objective of the groundwater treatment program would be treat on-Site sources of CVOCs in groundwater and to prevent/minimize potential CVOCs in groundwater from migrating onto the Site (from off-site sources) and migrating off-site (particularly along the northern BCP boundary).

In the event that all soil/fill exceeding the Track 2 SCOs cannot be practicably excavated up to a depth of 15 feet bgs, a contingent Track 4 remedy would be implemented in those areas. The Track 2 and/or contingent Track 4 remedy would include a contingency measure for the construction and operation of a soil vapor extraction system (SVES) to treat any residual CVOC source soil in the vadose zone.

The Track 2 and contingent Track 4 remedies would allow for ECs and ICs to be implemented for long-term management of the Site and to prevent future exposure to residual contamination. As such, an Environmental Easement (EE) would be recorded for the Site to implement appropriate ECs and ICs, and a Site-specific Site Management Plan (SMP) would be prepared to specify future soil handling requirements, groundwater monitoring, management and inspection of the ECs that may be necessary, maintenance of Site access controls, Department notification, and land use restrictions. Periodic inspection and reporting would be required to verify that the restrictions and requirements included in the EE remain in place and continue to be effective.

1. Protection of Human Health and the Environment – Satisfied; all source contamination and soil/fill exceeding the Track 2 SCOs would be excavated to the extent practical. If soil/fill exceeding the Track 2 SCOs cannot be practicably excavated, the residual material would be addressed via ICs and ECs as part of a contingent Track 4 remedy. CVOC and VOC contamination in groundwater would be reduced by removing soil potentially exceeding the

PGWSCOs to the extent practical, as well as in-situ groundwater treatment; and a vapor barrier and active SSDS would be installed beneath the new building foundation to prevent vapor intrusion.

2. Compliance with SCGs – Satisfied; sources of contamination (including soil with metals and SVOCs, soil vapor with carbon tetrachloride, and CVOCs in groundwater) and shallow Site-wide soil/fill exceeding the Track 2 SCOs would be removed or treated, as part of remediation. In addition, ICs would be implemented to ensure maintenance of ECs and to prevent future exposure to any residual contamination below the site cover.
3. Short-term Effectiveness and Impacts – Satisfied; this alternative would be effective in reducing soil contaminant levels in the short-term since soil/fill exceeding Track 2 SCOs would be removed (and/or made inaccessible) following Site development; and contaminated soil vapor and groundwater would be treated/contained. ECs [an SSDS, an SVES (if necessary), and a composite cover system in Track 4 areas] would be installed and ICs would be implemented to prevent on-site vapor intrusion and direct exposure of future occupants to residually contaminated soil/fill and groundwater. Mitigation measures included in this RAWP, including the HASP and CAMP, would protect and limit exposure of workers and the surrounding community to contaminated soil, particulate, and/or soil vapor during the remedial action.
4. Long-term Effectiveness and Permanence –Satisfied; all source contamination and soil/fill exceeding the Track 2 SCOs (PGWSCOs for VOCs and RRSCOs for all parameters) would be removed permanently from the Site, treated via SVE (if necessary), and/or made inaccessible in the long term. The soil/fill removal and in-situ groundwater treatment would remove or significantly reduce the contaminant source volume at the Site, allowing for natural attenuation to degrade dissolved residual contaminants in groundwater. ICs would be implemented to ensure long-term effectiveness of the ECs [SSDS, SVES (if necessary), and cover system)] for preventing exposure to residually contaminated soil/fill, groundwater, and soil vapor.
5. Reduction of Toxicity, Mobility, or Volume of Contaminated Material – Satisfied; approximately 4,000 cubic yards of soil/fill would be removed and the volume of on-site contaminants would be greatly reduced, including dissolved contaminants in groundwater, potential soil sources affecting groundwater, and soil sources of soil vapor contamination. Operation and maintenance of an SSDS (and a SVES if necessary), and construction and maintenance of a composite cover system will reduce mobility of contaminants with respect to soil vapor intrusion into on-site and off-site structures.
6. Implementability – Satisfied; soil excavation and removal, and subsequent import and backfilling could be completed in a relatively short timeframe, and the equipment and personnel needed to perform the proposed remedial actions are readily available. The equipment and materials necessary to treat the groundwater in situ and install the SSDS are readily available and could be performed concurrently with development.
7. Cost Effectiveness – Satisfied; this alternative is the most cost-effective while being implementable. Soil disposal volumes would include excavation of soil/fill exceeding the RRSCOs to approximately 2 feet bgs across the approximately 47,380-SF area and additional excavation to 5 to 8 feet bgs in the AOC hot spots.

   Under this alternative, it is estimated that approximately 4,300 cubic yards (approximately 6,500 tons) of soil would be excavated for remedial purposes, assuming the contaminated soil will be disposed of off-site at an average rate of $75 per ton for transportation and disposal (T&D). Therefore, the soil disposal costs for this alternative would be on the order of $485,000. Approximately 4,300 cubic yards of clean fill would then have to be imported to bring the Site

elevation, outside of the new building footprint, back up to the pre-remedial grades. Using a market rate of $50 per cubic yard of clean fill, backfill import costs would equal approximately $216,000. Estimated site preparation costs associated with this remedial action, including installation of SOE, excavation/loading/compaction equipment and labor, soil pre-characterization, dewatering, and added site safety/security measures total approximately $555,000.

As part of this alternative, ISCO and/or bioaugmentation/reductive dechlorination reagents would be injected into the overburden and bedrock injection well networks. The cost estimate for this alternative includes up to three injection events (two during the remedy implementation and one contingent event during site management). The total groundwater remediation costs for this alternative are estimated to be $5,100,000.

Allowances for an SSDS and contingency SVE system of $235,000 and $250,000, respectively, have been provided. Costs for environmental engineering/oversight fees total approximately $684,000. Mark-ups for overhead and profit of 18% and a contingency of 15% have been included. Based on these assumptions, the total estimated cost for this alternative is $9,781,550 as detailed in Table P below.

Table P
Estimated Costs for Alternative 3 (Track 2 with Track 4 Backup)

Remedial Element	Quantity		Unit Cost		Cost	Notes
Transportation and Disposal	6470	tons	$75	/ton	$485,250	Based on conversion of 1.5 tons/cubic yard
Importation of Clean Fill	4310	cubic yards	$50	/cubic yard	$215,500	
Remedial Excavation	4310	cubic yards	$25	/cubic yard	$107,750	
Odor/Vapor Control and Other H&S Requirements	4310	cubic yards	$25	/cubic yard	$107,750	
Loading for Disposal	4310	cubic yards	$5	/cubic yard	$21,550	
Import Placement & Compaction	4310	cubic yards	$25	/cubic yard	$107,750	
Soil Sampling for Pre-Characterization	1	allowance	$70,000	allowance	$70,000	
Dewatering	1	allowance	$140,000	allowance	$140,000	
Groundwater PDI & Design	1	allowance	$950,000	allowance	$950,000	
Groundwater Injection Well Network	1	allowance	$1,000,000	allowance	$1,000,000	
Groundwater Injections	1	allowance	$2,750,000	allowance	$2,750,000	
Post-Remediation Groundwater Monitoring	1	allowance	$400,000	allowance	$400,000	
SSDS	1	allowance	$235,000	allowance	$235,000	
Contingent SVE System	1	allowance	$250,000	allowance	$250,000	
Subtotal					*$6,840,550*	

Remedial Element	Quantity		Unit Cost		Cost	Notes
RAWP Implementation Engineering (including Inspection, Oversight, and Reporting)			10%		$684,000	Assumes 10% allowance of above costs
Overhead and Profit			18%		$1,231,000	
Contingency			15%		$1,026,000	
Total					**$9,781,550**	

8. Community Acceptance – Satisfied; this alternative would be protective of human health and the environment.
9. Land use – Satisfied; this alternative would result in the cleanup of the Site for restricted-residential use, which would allow for redevelopment of the Site.
10. Environmental Footprint Analysis – Satisfied, as this alternative would incorporate green and sustainable remediation principles. An environmental footprint analysis for this alternative is included in Appendix E, which was completed using a NYSDEC-accepted environmental footprint analysis calculator. 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, were incorporated.
11. Climate Change Vulnerability Assessment – Satisfied, the impact of climate change on the Site and the proposed remedy under this alternative was evaluated. Potential vulnerabilities associated with extreme weather events (e.g., hurricanes, lightning, heat stress and drought), flooding, and sea level rise were identified, and this alternative would incorporate measures to minimize the impact of climate change on potential identified vulnerabilities. The Climate Vulnerability Assessment for this alternative is included in Appendix F.

3.2 Selection of the Preferred Remedy

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

Remedial Alternative 2 (Track 1) was reviewed and found to be unacceptable, since it is not cost-effective and extremely difficult to implement or may not be implementable, and would result in greater fuel and energy consumption compared to Alterative 3. Therefore, this remedial alternative is not considered a feasible solution.

Remedial Alternative 3 (Track 2 with contingent Track 4) achieves the RAOs while being cost-effective and would result in less fuel and energy consumption compared to Alternate 2. After careful consideration with respect to the evaluation criteria listed, Remedial Alternative 3 is determined to be the preferred remedy, since it adequately addresses the subsurface contamination with the most cost-effective approach.

3.2.1 Zoning

The current zoning designation of the Site is B-3 (business, office and commercial) and classified as 411 (apartments).

3.2.2 Applicable Comprehensive Community Master Plans or Land Use Plans

The Proposed Project was granted site plan and special permit approval from the City of White Plains Common Council on August 7, 2023, and these approvals were granted one year extensions on August 5, 2024 and August 4, 2025.

3.2.3 Surrounding Property Uses

The Site is bounded to the north and east by the new Brookfield Commons multi-story residential apartment building, known as "Phase 2"; to the south by a parking lot associated with the Winbrook complex, followed by a vacant lot approximately 100 feet south of the Property at 26 East Post Road (the former Getty filling station and source of Spill No. 9713110) and various commercial businesses including a hardware store and laundromat; and to the west by South Lexington Avenue, followed by various commercial businesses including a laundromat.

3.2.4 Citizen Participation

A Citizen Participation Plan (CPP) was submitted to NYSDEC by AKRF in February 2023. The contemplated remedy complies with the CPP. The NYSDEC-approved CPP is included as Appendix G.

3.2.5 Environmental Justice

The Site is located in an EJ area. EJ efforts focus on improving the environment in communities, specifically minority and low-income communities, and addressing disproportionate adverse environmental impacts that may exist in those communities. The proposed redevelopment plan will alleviate concerns in connection with the Site's current vacant condition while providing affordable housing units with residential amenities and community facilities. EJ concerns will also be addressed through the requirements of the CPP.

3.2.6 Proximity to Natural Resources

The Site is located in an area of White Plains that does not contain a significant source of natural resources.

3.2.7 Off-Site Groundwater Impacts

Based on site-specific measurements, groundwater elevations across the Site range between 198.32 and 193.58 feet (NAVD88). Based upon the ground water elevation data, the inferred flow direction in groundwater is in a north-northwesterly direction across the Site, as shown on Figures 5A through 5D. VOCs including chlorinated solvents and petroleum-related compounds, metals, PFOA, and PFOS were detected in groundwater samples at concentrations above the AWQSGVs. Metals impacts identified in groundwater sampling off-site are for compounds that occur naturally in groundwater and their presence is more an aesthetic issue than a toxicity issue.

The VOCs detected in groundwater contamination are attributed to a combination of historic uses of former buildings/structures at the Site including a historic on-Site auto repair and an upholsterer, and suspected off-Site sources/uses, including a former dry cleaner located to the southwest of the Site, and less contributing sources, including NYSDEC Spills to the south of the Site and numerous nearby closed-status petroleum spills, a second former drycleaner west of the Site, petroleum bulk storage facilities (including two former gas stations south of the Site), a vulcanizer, hazardous waste

generators (including generators of chlorinated solvents), a State BCP site, Spills located on off-Site areas of the Winbrook complex, and historic fill materials on-Site.

PCE results in overburden and shallow, intermediate, and deep bedrock wells along the southern Site boundary, including overburden wells RI-MW-03, RI-MW-13D and RI-MW-04 (all 1 ppb) and the overburden, and shallow, intermediate and deep bedrock well cluster RI-MW-15 were all below 5 ppb (0.34 to 4 ppb). These lower concentrations of PCE in the southern part of the Site indicate that the suspected primary source(s) of chlorinated solvents in bedrock are off-Site to the southwest (the former dry cleaner) and on-Site (the former upholster located north of these wells). The former on-Site automobile repair facility (on northern portion of Site) and second off-Site dry cleaner (to the west of the Site) may have also contributed to contamination at the Site.

The petroleum-related compounds in overburden groundwater are likely related to the historic on-site auto repair and off-site sources/uses, including NYSDEC Spills No. 9713110 and 1608924 reported to the south of the Site and numerous nearby closed-status petroleum spills, petroleum bulk storage facilities, hazardous waste generators, and a State BCP site reported in regulatory databases. The metals exceedances in overburden groundwater are attributed to sediment entraining in the sample and/or naturally occurring background conditions.

There are no soil sample results that indicate a specific release of PFAS on Site; PFOS and PFOA were not detected in the soil samples at concentrations above their respective RRGV. PFOA and PFOS concentrations in groundwater appear to be relatively consistent across the Site, with the highest concentration of PFOS being detected in an off-site monitoring well (RI-MW-08), indicating that the PFAS detections observed at the Site is likely associated with regional (background) conditions or an off-Site source and not of an on-Site source. Moreover, similar PFAS results were detected at other nearby BCP sites in White Plains, including sites located to the southwest (C360129A), north (C360209), and east (C360206) of the Site. While it is unknown whether any products containing PFAS were historically used at the Site, the detections of PFAS from on-site and off-site sampling locations were relatively consistent, typical of levels found in fill material, and not indicative of a specific on-site source of groundwater contamination.

The proposed remedy is intended to treat chlorinated VOCs in groundwater, inclusive of the western (upgradient) and northern (downgradient) boundaries of the Site to prevent contamination from migrating onto the Site and off-site. PCE results in overburden and shallow, intermediate, and deep bedrock wells along the southern Site boundary, including overburden wells RI-MW-03, RI-MW-13D and RI-MW-04 (all 1 ppb) and the overburden, and shallow, intermediate and deep bedrock well cluster RI-MW-15 were all below 5 ppb (0.34 to 4 ppb). These lower concentrations of PCE in the southern part of the Site indicate that the suspected primary source(s) of chlorinated solvents in bedrock are off-Site to the southwest (the former dry cleaner) and on-Site (the former upholster located north of these wells). The former on-Site automobile repair facility (on northern portion of Site) and second off-Site dry cleaner (to the west of the Site) may have also contributed to contamination at the Site.

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The proposed remedy is intended to treat chlorinated VOCs in groundwater, inclusive of the western (upgradient) and northern (downgradient) boundaries of the Site to prevent contamination from migrating onto the Site and off-site.

3.2.8 Proximity to Floodplains

The Site is not located within a floodplain.

3.2.9 Current Institutional Controls

Currently, there are no Institutional Controls (ICs) or Engineering Controls (ECs) at the Site.

3.3 Summary of Selected Remedial Actions

Remedial activities will be performed at the Site in accordance with this RAWP and the Department-issued Decision Document (DD). All deviations from this RAWP and/or the DD will be promptly reported to NYSDEC for approval and will be fully explained in the Final Engineering Report (FER). The selected remedial actions include:

1. The proposed remedy is a Track 2 Restricted Residential cleanup, with Track 4 contingency.
2. The existing on-site buildings will be demolished and materials that cannot be beneficially reused on-site will be taken off-site for proper disposal in order to implement the remedy.
3. Establishment of Track 2 soil cleanup objectives (SCOs) for the Site, which will consist of PGWSCOs for CVOCs and RRSCOs for all other compounds. Excluding defined source areas, Track 2 SCOs would apply to 15 feet bgs. As a contingency, in the event that Track 2 SCOs are not achieved for some or all portions of the Site, the remedy will achieve a Track 4 Site-specific cleanup in the associated areas. ECs and ICs will be implemented to address residual contaminated material.
4. Removal of approximately 470 cubic yards of soil/fill from the hot spots areas and approximately 3,500 cubic yards of soil/fill from across the remaining portions of the Site, with additional excavation of deeper source material in some areas, to the extent practical, if needed to achieve Track 2 SCOs based on a PDI and endpoint sampling. Installation of SOE and dewatering will be conducted to facilitate soil excavation below the water table, as needed. It is anticipated that the soil excavation outside the hot spots will extend to an average of approximately 2 feet bgs to remove shallow material exceeding the Track 2 SCOs. All excavated soil will be properly handled and disposed of off-site in accordance with applicable regulations.

5. A Site-specific HASP and CAMP will be implemented during building demolition and all ground-intrusive Site activities, which includes soil disturbance and loading activities and demolition of the building, to monitor levels of VOCs and airborne particulates within the active work zones and around the perimeter of the Site.
6. Screening for indications of contamination (by visual means, odor, and monitoring with PID) of all excavated soil during any intrusive Site work;
7. Collection and analysis of end-point samples to evaluate the performance of the remedy with respect to attainment of Track 2 SCOs;
8. Appropriate off-Site disposal of all material removed from the Site in accordance with all Federal, State and local rules and regulations for handling, transport, and disposal;
9. Any unknown/unregistered tanks and associated piping, other structures associated with a source of contamination, and/or grossly contaminated soil/fill, if encountered, will be removed in accordance with applicable regulations;
10. The performance of an in-situ groundwater treatment program and subsequent monitoring of CVOCs in groundwater. The treatment program will be conducted following remedial excavation and will include in-situ treatment of residual CVOCs utilizing chemical oxidation (ISCO) and/or bioremediation/reductive dechlorination reagents with the treatment zone in the overburden extending from the water table down to bedrock and in bedrock extending up to 100 feet bgs;
11. Installation and operation of an active sub-slab depressurization system (SSDS) below the new building foundation to prevent vapor intrusion into the proposed building;
12. Removal of approximately 200 cubic yards of soil/fill from the hot spot at AOC-3, as described above in #4, will also serve to address elevated soil vapor concentrations in AOC-5. In addition, the remedy includes a contingency for a soil vapor extraction system (SVES) at RI-SV-04 (AOC-5);
13. Importation of clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) to replace the excavated soil/fill and/or establish the design grades as necessary. On-site soil/fill that does not exceed the Track 2 SCOs may be used on-site to backfill the excavation areas or re-grade the Site. Soil exceeding the UUSCO for 1,4-Dx will not be imported, per Division of Environmental Remediation (DER)-10: Appendix 5 – Allowable Constituent Levels for Imported Fill or Soil, Subdivision 5.4I. In accordance with the January 2021 NYSDEC-issued PFAS sampling protocol ["Guidelines for Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (PFAS) Under NYSDEC's Part 375 Remedial Programs"], if PFOA or PFOS are detected in any sample at or above 33 ppb and 44 ppb, respectively, the material will not be reused or imported unless a Site-specific exemption is provided based on Synthetic Precipitation Leaching Procedure (SPLP) testing. If the SPLP results exceed 10 parts per trillion (ppt) for either PFOA or PFOS (individually), the soil will not be reused or imported. Analytical results will be compared to Table 375-6.8(b) of 6 NYCRR Part 375 and submitted to NYSDEC via a Request to Import/Reuse Soil or Fill form for review and approval prior to importation and placement on-site.
14. If some areas of soil/fill exceeding the Track 2 SCOs cannot be practicably removed, the remedy for that portion of the Site would revert to a Track 4 Cleanup, and a composite cover system would be installed and maintained in that area to prevent human exposure to residual contaminants in soil/fill remaining under the Site. The cover system would consist of: (1) a minimum 2-foot clean fill buffer with demarcation barrier in all landscaped and non-covered areas, (2) concrete building foundations underlain by a minimum 20-mil vapor barrier

membrane, which doubles as a demarcation barrier, in areas within the building footprint; and/or (3) paved surfaces underlain by a demarcation barrier in areas of driveways, sidewalks, and paved courtyards. Any fill material brought to the Site will meet the SCOs for cover material as set forth in 6 NYCRR Part 375-6.7(d).

15. An Environmental Easement will be recorded with the Westchester County Clerk's Office. The EE will: require the remedial parties/Site owners to complete and submit a periodic certification of institutional controls (ICs) and engineering controls (ECs) to NYSDEC in accordance with NYCRR Part 375-1.8 (h)(3); allow for the future redevelopment and use of the Site for restricted residential use as defined by Part 375-1.8(g), although land use is subject to local zoning laws; prohibit the use of groundwater as a source of potable or process water without necessary water quality treatment, as determined by NYSDOH and Westchester County Department of Health; and require compliance with a site-specific, NYSDEC-approved, SMP for any future ground-intrusive work;
16. Publication of a Site Management Plan for long term management of residual contamination as required by the Environmental Easement, including plans for: (1) Institutional and Engineering Controls, (2) monitoring, (3) operation and maintenance and (4) reporting. If at Track 4 Cleanup is selected in any areas of the Site, soil management provisions will be included in the SMP, including an Excavation Work Plan.
17. All responsibilities associated with the Remedial Action, including permitting requirements and pretreatment requirements, will be addressed in accordance with all applicable Federal, State and local rules and regulations.

Remedial activities will be performed at the Site in accordance with this NYSDEC-approved RAWP and the NYSDEC-issued Decision Document. All deviations from the RAWP and/or Decision Document will be promptly reported to NYSDEC for approval and fully explained in the FER.

4.0 WASTE CLASSIFICATION

In-situ waste classification sampling will be conducted under the IRM to gain pre-acceptance from disposal facilities to allow for live loading of all excavated material that will require off-site disposal during the remedial actions and as part of subsequent construction work. The waste classification will be conducted in accordance with the requirements of the intended soil disposal/receiving facilities. All work will be conducted in accordance with the Site-specific HASP/CAMP, and Quality Assurance Project Plan (QAPP) included in the IRMWP.

A waste classification report will be prepared that provides a summary of the sample methodology and analytical results, a sample location map, and analytical data tables for all reported constituent compounds. The waste classification report will be submitted to potential waste disposal facilities with a waste disposal profile form so that the material can be approved for disposal prior to the start of excavation. The waste classification report, proposed disposal facility documentation and acceptance letters, and any other applicable materials will be submitted to NYSDEC for review and will be included in the FER.

5.0 REMEDIAL ACTION PROGRAM

5.1 Governing Documents

5.1.1 Standards, Criteria, and Guidance (SCGs)

The following standards, criteria, and guidance are typically applicable to Remedial Action projects in New York State, and will be consulted and adhered to as applicable:

- 6 NYCRR Part 364 - NYS Waste Transporter Permits
- 6 NYCRR Part 360 - NYS Solid Waste Management Requirements
- 6 NYCRR Part 371 - Identification and Listing of Hazardous Wastes
- 6 NYCRR Part 372 - Hazardous Waste Manifest System and Related Standards for Generators, Transporters and Facilities
- 6 NYCRR Subpart 374-2 - Standards for the Management of Used Oil
- 6 NYCRR Part 375 - Environmental Remediation Programs
- 6 NYCRR Part 376 - Land Disposal Restrictions
- 6 NYCRR Part 613 - Petroleum Bulk Storage
- 6 NYCRR Part 661 - Tidal Wetlands - Land Use Regulations
- 6 NYCRR Part 663 - Freshwater Wetlands - Permit Requirements
- 6 NYCRR Parts 700-706 – Classes and Standards of Quality and Purity
- 6 NYCRR Part 750 - State Pollutant Discharge Elimination System (SPDES) Permits
- 29 CFR Part 1910.120 - Hazardous Waste Operations and Emergency Response
- 40 CFR Part 144 - Underground Injection Control Program
- CP-43 - Commissioner Policy on Groundwater Monitoring Well Decommissioning (December 2009)
- CP-49 – Climate Change and DEC Action (2022)
- CP-51- Soil Cleanup Guidance (2010)
- CP-60 – Screening and Assessment of Contaminated Sediment (2014)
- DER-2 - Making Changes to Selected Remedies (April 2008)
- DER-4 – Management of Coal Tar Waste & Coal Tar Contaminated Soils from Manufactured Gas Plants (2001)
- DER-10 – Technical Guidance for Site Investigation and Remediation (2010)
- DER-13 – Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York (2006)
- DER-23 – Citizen Participation Handbook for Remedial Programs (2010)
- DER-31 – Green Remediation (2010)
- DER-32 – Brownfield Cleanup Program Applications and Agreements (2017)
- DER-33 – Guide to Drafting and Recording Institutional Controls (2010)

- TAGM 3028 - "Contained In" Criteria for Environmental Media: Soil Action Levels (August 1997)
- TOGS 1.1.1 - Ambient Water Quality Standards & Guidance Values and Groundwater Effluent Limitations (1998, Addenda 2000, 2004 and 2023)
- TOGS 1.3.8 - New Discharges to Publicly Owned Treatment Works (1994)
- TOGS 2.1.2 - Underground Injection/Recirculation (UIR) at Groundwater Remediation Sites (1990)
- New York State Standards and Specifications for Erosion and Sediment Control (2016)
- DAR-1 (formerly Air Guide 1) - Guidelines for the Control of Toxic Ambient Air Contaminants (1997)
- U.S. EPA OSWER Directive 9200.4-17 - Use of Monitored Natural Attenuation at Superfund, RCRA Corrective Action, and Underground Storage Tank Sites (December 1997)
- New York State Department of Health (NYSDOH) Generic Community Air Monitoring Plan
- NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York (2006)
- New York State Climate Act (2019)
- NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances (2023)

5.1.1.1 Green and Sustainable Remediation and Climate Resiliency

As part of the remedial design program, the remedy was evaluated with respect to green and sustainable remediation principles via an environmental footprint analysis. After the remedial program is completed, the environmental footprint analysis will be updated using a NYSDEC-accepted environmental footprint analysis calculator EPA Spreadsheets for Environmental Footprint Analysis (SEFA), SiteWise™ or similar NYSDEC-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, were incorporated into the remedial design program, as appropriate. The project design specifications include detailed requirements to achieve the green and sustainable remediation goals. An environmental footprint analysis of the proposed remedy is provided as Appendix E.

Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the FER, including a comparison to the goals established during the remedial design program.

Additionally, the remedial design program included a climate change vulnerability assessment to evaluate the impact of climate change on the project site and the proposed remedy. Any 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 design program will incorporate measures to minimize the impact of

climate change on potential identified vulnerabilities. A climate vulnerability assessment is provided as Appendix F.

5.1.2 Site Specific Health and Safety Plan (HASP)

A Site-specific HASP has been prepared for the Site and is included as Appendix H. All remedial work performed under this plan will be in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA. Community air monitoring will be conducted during all demolition and intrusive Site activities in compliance with the NYSDOH Generic CAMP and the Site-Specific CAMP (included in Appendix I). Work zone monitoring will be performed for the health and safety of workers in accordance with action levels and guidance outlined in the HASP.

All remedial work performed under this plan will be in full compliance with governmental requirements, including Site and worker safety requirements mandated by Federal OSHA.

The Volunteer and associated parties preparing the remedial documents submitted to the State and those performing the construction work, are completely responsible for the preparation of an appropriate Health and Safety Plan and for the appropriate performance of work according to that plan and applicable laws.

The HASP and requirements defined in this Remedial Action Work Plan pertain to all remedial and invasive work performed at the Site until the issuance of a Certificate of Completion.

The Site Safety Coordinator will be determined prior to the start of remedial construction work and a resume will be provided to NYSDEC, if not included with the resumes of key AKRF personnel involved in the RA are included in Appendix A of the QAPP, provided as Appendix J. Confined space entry will comply with all OSHA requirements to address the potential risk posed by combustible and toxic gasses.

5.1.3 Quality Assurance Project Plan (QAPP)

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

5.1.4 Construction Quality Assurance Plan (CQAP)

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

5.1.5 Soil/Materials Management Plan (SoMP)

An SoMP is included in Section 5.4 of this document. The SMMP includes detailed plans for managing all soils/materials that are disturbed at the Site, including excavation, handling, storage, transport, and disposal. It also includes all of the procedures that will be applied to ensure effective, nuisance-free performance in compliance with all applicable federal, state, and local laws and regulations.

5.1.6 Storm-Water Pollution Prevention Plan (SWPPP)

The erosion and sediment controls will be in conformance with requirements presented in the New York State Standards and Specifications for Erosion and Sediment Control. Sediment control measures will be installed at the Site prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate Federal, State, and Local laws. The measures will provide for abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures will include procedures for perimeter Site controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and particulate suppression. The Remedial Engineer (RE), or her representative, will conduct routine inspections, and any repairs and/or maintenance of control measures will be completed in a timely fashion to maintain the controls in proper working order. Further, all vehicles leaving the Site will be inspected to ensure that no soil adheres to the wheels or undercarriage, and any such materials will be removed at a tire wash station located at the Site exit. Any situation involving material spilled in transit or mud and particulates tracked off-site will be remedied.

A draft SWPPP has been prepared for the Site by AKRF, who also serves as the civil engineer for the project. The SWPPP provides further 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. A copy of the draft SWPPP is provided in Appendix L.

5.1.7 Community Air Monitoring Plan (CAMP)

Community air monitoring will be conducted during all demolition and intrusive Site activities in compliance with the NYSDOH Generic CAMP and the Site-Specific CAMP, provided in Appendix I. Three CAMP stations will be utilized during intrusive activities and demolition of the existing building.

CAMP data will be summarized and provided to NYSDEC and NYSDOH in the daily reports, and CAMP action level exceedances will be reported to NYSDEC and NYSDOH within 24 hours.

5.1.8 Contractors Site Operations Plan (SOP);

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

A detailed remedial construction design document will be submitted to NYSDEC for approval in spring 2027.

5.1.9 Citizen Participation Plan

A certification of mailing will be sent by the Volunteer to the NYSDEC project manager following the distribution of all Fact Sheets and notices that includes: (1) certification that the Fact Sheets were mailed, (2) the date they were mailed; (3) a copy of the Fact Sheet,

(4) a list of recipients (contact list); and (5) a statement that the repository was inspected on [specific date] and that it contained all of applicable project documents.

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

The approved Citizen Participation Plan for this project is attached in Appendix G.

Document repositories have been established at the following locations and contain all applicable project documents:

White Plains Public Library
100 Martine Avenue
White Plains, NY 10601
(914) 422-1400
Monday through Thursday: 10am – 9pm
Friday: 10am – 6pm
Saturday: 10am – 5pm
Sunday: 1pm – 5pm

NYSDEC Region 3 White Plains Sub-Office
100 Hillside Avenue, Suite 1W
White Plains, NY 10603
(914) 428-2505

In addition, an electronic repository can be accessed via DECInfo Locator at the following link: https://extapps.dec.ny.gov/data/DecDocs/C360246/General Remedial Construction Information.

5.2 General Remedial Construction Information

5.2.1 Project Organization

A list of the personnel responsible for implementation of the RAWP is presented in Table Q.

Table Q
Project Organization

Organization	Responsibility	Name
NYSDEC	Project Manager	Ryan Richard
NYSDOH	Project Manager	Jonathan Robinson
Trinity Brookfield Commons Phase Three Limited Partnership	Volunteer Representative	Allison Brown
AKRF	Remedial Engineer	Rebecca A. Kinal, P.E.
	QA/QC Officer	Marc Godick, QEP
	Project Manager	Colleen Griffiths
	Site Safety Officer	Gregory Baird
	Field Monitors	Micheal Iodice Brian Quinn

Resumes of key AKRF personnel involved in the RA are included in Appendix G of the QAPP, provided as Appendix J.

5.2.2 Remedial Engineer

The Remedial Engineer for this project will be Rebecca Kinal. The Remedial Engineer is a registered professional engineer licensed by the State of New York. The Remedial Engineer will have primary direct responsibility for implementation of the remedial program for the Brookfield Commons Phase 3 Site (NYSDEC BCA Index No. C360246-01-24, Site No. C360246). The Remedial Engineer will certify in the Final Engineering Report that the remedial activities were observed by qualified environmental professionals under [his/her] supervision and that the remediation requirements set forth in the Remedial Action Work Plan and any other relevant provisions of ECL 27-1419 have been achieved in full conformance with that Plan. Other Remedial Engineer certification requirements are listed later in this RAWP.

The Remedial Engineer, or designated personnel under her supervision, will coordinate the work of other contractors and subcontractors involved in all aspects of remedial construction, including soil excavation, stockpiling, characterization, removal and disposal, air monitoring, emergency spill response services, import of back fill material, and management of waste transport and disposal. The Remedial Engineer will be responsible for all appropriate communication with NYSDEC and NYSDOH.

The Remedial Engineer will review all pre-remedial plans submitted by contractors for compliance with this RAWP and will certify compliance in the Final Engineering Report.

The Remedial Engineer will provide the certifications listed in Section 14.1 in the FER.

5.2.3 Remedial Action Construction Schedule

A schedule for performance of the remedial work is included in Section 15.0.

5.2.4 Work Hours

The hours for operation of remedial construction will conform to the City of White Plains Department of Buildings (DOB) construction code requirements or according to specific variances issued by that agency. NYSDEC will be notified by the Volunteer of any variances issued by DOB. NYSDEC reserves the right to deny alternate remedial construction hours.

5.2.5 Site Security

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

5.2.6 Traffic Control

It is not anticipated that traffic will be disrupted beyond normal contractor vehicle traffic going to and from the Site during construction. Any sidewalk closures that are required during the course of construction/remediation activities will be conducted in accordance with White Plains DOB requirements and/or permits.

5.2.7 Contingency Plan

A contingency plan has been developed to describe the procedures to be followed upon discovery of an unknown source of contamination or AOC that may require remediation

(USTs, stained soil, drums, etc.). The identification of an unknown source structure or unexpected contaminated media discovered by waste characterization sampling and/or screening during invasive Site work will be promptly communicated by phone to NYSDEC's Project Manager. These findings will also be included in daily and periodic reports. Any unknown/unregistered USTs discovered during the course of remedial activities will be managed in accordance with requirements of NYCRR 375-1.12(e). The NYSDEC project manager would be notified immediately before any action is taken. Any sampling will be performed on product, sediment and surrounding soil, etc. Chemical analytical work will be for TCL VOCs, SVOCs, TCL pesticides, PCBs, and TAL metals. These analyses will not be limited to the Commissioner's Policy (CP)-51 parameters where tanks are identified without prior approval by NYSDEC.

5.2.8 Worker Training and Monitoring

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

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

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

5.2.9 Agency Approvals

The Volunteer has addressed all SEQRA requirements for this Site. All permits or government approvals required for remedial construction have been, or will be, obtained prior to the start of remedial construction.

The planned end use for the Site is in conformance with the current zoning for the property as determined by the City of White Plains Planning Department. A Certificate of Completion will not be issued for the project unless conformance with zoning designation is demonstrated.

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

No remedial or construction work is planned in regulated wetlands and adjacent areas, and therefore, no approvals needed to be obtained from NYSDEC Division of Natural Resources. Nothing in the approved RAWP or its approval by NYSDEC should be construed as an approval for this purpose.

5.2.10 NYSDEC BCP Signage

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

5.2.11 Pre-Construction Meeting with NYSDEC

A pre-construction meeting with NYSDEC will be scheduled prior to the start of major construction activities. Representative members of the Volunteer and their foundation contractor, AKRF, NYSDEC, and NYSDOH, will be invited to attend.

5.2.12 Emergency Contact Information

An emergency contact sheet with names and phone numbers is included in Site-specific HASP, included in Appendix H. The HASP defines the specific project contacts for use by NYSDEC and NYSDOH in the case of a day or night emergency.

5.2.13 Remedial Action Costs

The total estimated cost of the Remedial Action is $9,781,550. An itemized and detailed summary of estimated costs for all remedial activity is included in Table P. This will be revised based on actual costs and submitted as an appendix to the Final Engineering Report.

5.3 Site Preparation

5.3.1 Mobilization

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

5.3.2 Monitoring Well / Vapor Probe Decommissioning

Existing groundwater monitoring wells will either be protected during remediation and development for use in post-remedial monitoring or will be properly decommissioned in accordance with NYSDEC Commissioners Policy CP-43. The only exception to this is if the full length of the well is to be excavated during remediation.

Similarly, existing soil vapor probes will be properly decommissioned unless they are to be fully removed during remediation or used for post-remedial monitoring.

5.3.3 Erosion and Sedimentation Controls

Erosion and sedimentation control measures will be installed at the Site prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate federal, state, and local laws and the NYSDEC-approved SWPPP. The measures will provide for abatement and control of environmental pollution arising from proposed remediation and construction activities. The control measures will include procedures for perimeter Site controls, stabilized construction pads at each construction entrance, equipment decontamination, drainage inlet protection, and particulate suppression. The RE, or her representative, will conduct routine inspections, and any repairs and/or maintenance of control measures required will be completed in a timely fashion to maintain the controls in proper working order. All vehicles leaving the project Site will be inspected to ensure that no soil adheres to the wheels or undercarriage of the vehicle leaving the Site. Any situations involving material spilled in transit or mud and

particulate tracked off-site will be remedied. The access routes will be inspected for road conditions, overhead clearance, and weight restrictions. The SWPPP, provided in Appendix L, will be implemented throughout the duration of the project.

5.3.4 Stabilized Construction Entrance(s)

A crushed stone path will be constructed by the general contractor at all truck entrances for the Site. All trucks will drive over this path prior to leaving so that they do not get re-contaminated prior to departure from the Site. A laborer with a broom and a hose connected to a fire hydrant will check the trucks as they leave. The broom and/or hose will be used to remove soil/fill from the truck tires and body as it leaves the Site, as necessary.

5.3.5 Utility Marker and Easements Layout

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

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

5.3.6 Sheeting and Shoring

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

5.3.7 Equipment and Material Staging

Staging and storage of equipment and materials will be contained within the secured Site or within a secured area on the street/sidewalk in accordance with a City of White Plains DOB permit, as applicable. By the nature of the work involved in the project, equipment and materials will be moved to different areas within the secured Site as work progresses. Materials will be stored in accordance with applicable federal, state, and local regulations.

5.3.8 Decontamination Area

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

All equipment in direct contact with known or potentially contaminated material will be either dedicated or decontaminated prior to handling less contaminated material or removal

from the Site. All liquids used in the decontamination procedure will be collected, stored, and disposed of in accordance with federal, state, and local regulations. Personnel performing this task will wear the proper personal protective equipment (PPE) as prescribed in the Site-specific HASP, provided in Appendix H.

5.3.9 Site Fencing

The Site will be secured with a locking, construction fence meeting all applicable City of White Plains DOB requirements, that will be placed around the entire perimeter. Entrance gates will be chain link with silt fencing. Both types of fencing will help contain dust and debris generated during demolition and ground intrusive activities from migrating off-site. During all remedial activities, access to the Site will be limited and all persons entering the Site will be required to sign a log book and meet all applicable health and safety requirements. The Site will be secured during non-working hours.

5.3.10 Demobilization

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

5.4 Reporting

All daily and monthly Reports will be included in the Final Engineering Report.

5.4.1 Daily Reports

Daily reports will be submitted to NYSDEC and NYSDOH Project Managers by noon of each day following the reporting period and will include:

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

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

Daily Reports will include a description of daily activities keyed to an alpha-numeric map for the Site that identifies work areas. These reports will include a summary of CAMP results, odor and dust excursions and corrective actions, and all complaints received from the public. A Site map that shows a predefined alpha-numeric grid for use in identifying locations will be provided in the daily report. The NYSDEC assigned project number will appear on all reports.

5.4.2 Monthly Reports

Monthly reports will be submitted to NYSDEC and NYSDOH Project Managers by the 10th day of each month following the reporting period and will include:

- 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 (e.g., tons/cubic yards of material exported and imported, etc.);
- Description of approved activity modifications, including changes of work scope and/or schedule;
- Sampling results received following internal data review and validation, as applicable; and,
- An update of the remedial schedule including the percentage of project completion, unresolved delays encountered or anticipated that may affect the future schedule, and efforts made to mitigate such delays.
- Tracking of GSR metrics determined during the design process should be included in monthly reports.

5.4.3 Other Reporting

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

Progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in the FER, including a comparison to the goals established during the remedial program. Regular updates to the metrics used (SEFA, SiteWiseTM or otherwise approved method) should be included.

The Climate Screening process and results will be documented in the form of a completed checklist and brief letter report. If the Climate Screening results indicate that a CVA is necessary, a complete CVA Report will be developed. The CVA Report will be included as an Appendix or Attachment in relevant documents and/or submitted as a standalone report.

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

5.4.4 Complaint Management Plan

A log of any complaints from the public regarding nuisance or other Site conditions will be compiled by a member of the AKRF project team, as applicable. All complaints will be documented in the daily reports.

5.4.5 Deviations from the Remedial Action Work Plan

Any deviations from this RAWP will require prior approval from NYSDEC. The deviations will be recorded in both the monthly progress reports and in the FER. At a minimum, this section should include the following:

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

6.0 REMEDIAL ACTION: MATERIAL REMOVAL FROM SITE

Removal of materials from the Site will include: (1) demolition of the Site buildings and removal of building debris and foundation elements associated with the former Site buildings, if encountered; (2) removal and off-site disposal of asphalt and concrete paving; (3) hotspot soil excavation to approximately 2 to 8 feet below grade and off-site disposal of the excavated material; (3) excavation and off-site disposal of the top 2 feet of contaminated soil/fill Site-wide; and (4) removal of petroleum storage tank(s), fill port(s), and vent(s), if encountered.

It is estimated that up to approximately 4,300 cubic yards (6,500 tons) of soil will be excavated and disposed of off-site for implementation of the remedy. Limited deeper excavation may be conducted for development purposes. Additional soil/fill may be removed as part of the remedial excavation based on the analytical results of the endpoint sampling or if additional unknown contamination is encountered. All contaminated soil will be removed from the Site and disposed of at a facility(ies) licensed to accept the material. Proposed disposal facilities will be selected after completing the waste characterization sampling. The proposed disposal facilities will be submitted to NYSDEC for review and approval prior to off-site disposal. The proposed remedial excavation plan is provided as Figure 9.

Other approaches and/or considerations may be included with the approval of NYSDEC's Project Manager.

6.1 Soil Cleanup Objectives

The applicable SCOs for this Site are the PGWSCOs for CVOCs, and Track 2 RRSCOs for VOCs, SVOCs, PCBs, pesticides, and metals. Soil and materials management on-Site and off-Site will be conducted in accordance with the Soil/Materials Management Plan as described below.

Attached Tables 2A through 2F summarize all RI soil samples that exceed the SCOs proposed for this Remedial Action. A spider map that shows all soil samples that exceed the SCOs proposed for this Remedial Action is shown in Figure 6. Soil and materials management on-Site and off-Site will be conducted in accordance with the Soil/Materials Management Plan as described below.

UST closures will, at a minimum, conform to criteria defined in DER-10.

6.2 Remedial Performance Evaluation (Post Excavation End-Point Sampling)

Excavation endpoint samples will be collected at the proposed locations shown on Figure 10. Additional post-excavation soil samples will be collected around any USTs and/or any additional hotspots encountered on the Site during waste characterization sampling or remedial excavation.

6.2.1 End-Point Sampling Frequency

Based on the sampling frequency outlined in Section 5.4 of DER-10, documentation sampling for the remedial excavation will include one bottom soil sample for every 900 square feet across the Site and one sidewall sample for every 30 linear feet around the perimeter of the Site, plus endpoint samples collected at each hotspot. Based on the size of the proposed remedial excavation area at the Site, approximately 114 post-excavation endpoint samples will be collected for laboratory analysis at the approximate locations shown on Figure 10. Documentation sampling will occur around any additional AOCs identified during the RA based on the sampling frequency outlined in Section 5.4 of DER-10.

6.2.2 Methodology

Post-excavation endpoint samples will be collected using a decontaminated stainless steel sampling trowel or hand auger, or a dedicated wooden tongue depressor and placed directly into pre-sterilized, laboratory-issued containers.

The sample containers will be properly labeled and immediately placed on ice within a cooler. Sample time, date, and location will be recorded on a chain of custody. The samples will be submitted to an ELAP-certified laboratory for analysis of TCL VOCs by EPA Method 8260, TCL SVOCs by EPA Method 8270, pesticides by EPA Method 8081, PCBs by EPA Method 8082, TAL metals by EPA Method 6000/7000 series, 1,4-dioxane by EPA Method 8270, and PFAS compounds by EPA Method 1633. The laboratory will follow the NYSDEC Analytical Services Protocol (ASP) dated 1995 using NYSDEC ASP Category B deliverables. Further details regarding the specific sampling methodology and analytical procedures are presented in the QAPP, included as Appendix J.

6.2.3 Reporting of Results

The analytical results of post-excavation endpoint samples will be tabulated and compared to the UUSCOs, RRSCOs, and PGWSCOs. The tabulated data and the laboratory reports will be included in the FER. All analytical data will be submitted to NYSDEC in electronic data deliverable (EDD) format via the Environmental Quality Information System (EQuIS™).

6.2.4 QA/QC

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

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

6.2.5 DUSR and EDDs

Lori A. Beyer of L.A.B. Validation Corp., a qualified, third-party data validator, will review the documentation sample laboratory reports and prepare a DUSR, for all samples collected under this RAWP. The DUSR will be discussed and included as an appendix to the FER. The validator's resume is included in the QAPP, included as Appendix J.

6.2.6 Reporting of End-Point Data in FER

The FER will include a detailed description of endpoint sampling activities, data summary tables, concentration figures showing endpoint sample locations and concentrations compared to applicable standards, DUSRs, and laboratory reports. The analytical laboratory used for all endpoint sample analyses and contingency sampling (if any) will be NYSDOH ELAP certified. Endpoint sampling will be performed in accordance with the sampling frequency requirements outlined in Section 5.4 of DER-10.

6.2.7 Estimated Material Removal Quantities

The estimated quantities of soil/fill to be removed from the Site and imported to the Site for backfill and cover soil is 4,310 cubic yards, details are provided in Table R, below. There is no plan to reuse soil onsite.

Table R
Estimated Soil/Fill Removal and Import Quantities

AOC	Volume to be Removed (CY)	Volume to be Imported (CY)
AOC 1 General Cut	3,310	3,310
AOC 2 Soil Hot Spot	350	350
AOC 3 and 5 Soil Hot Spot	400	400
AOC 4 Soil Hot Spot	250	250
Estimated Total	4,310	4,310

6.3 Soil/Materials Management Plan

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

6.3.1 Soil Screening Methods

Visual, olfactory and PID soil screening and assessment will be performed by a qualified environmental professional or experienced field geologist under the direction of the Remedial Engineer during all remedial and development excavations into known or potentially contaminated material. Soil screening will be performed regardless of when the invasive work is done and will include all excavation and invasive work performed during the remedy and during development phase, such as excavations for foundations and utility work, prior to issuance of the COC.

All primary contaminant sources (including but not limited to tanks and hotspots) identified during Site Characterization, Remedial Investigation, and Remedial Action will be surveyed by a surveyor licensed to practice in the State of New York. This information will be provided on maps in the FER.

Screening will be performed by qualified environmental professionals. Resumes will be provided for all personnel responsible for field screening (e.g., those representing the Remedial Engineer) of invasive work for unknown contaminant sources during remediation and development work.

6.3.2 Stockpile Methods

Stockpiles will be inspected at a minimum once each week and after every storm event. Results of inspections will be recorded in a logbook and maintained at the Site and available for inspection by NYSDEC. At a minimum, a storm event should be considered

a rainfall of three inches or greater in 12 hours. Judgement should be used to evaluate water infiltration, nearby waterbodies where runoff is likely, and engineering controls that may be affected.

Stockpiles will be kept covered at all times with appropriately anchored tarps. Stockpiles will be routinely inspected and damaged tarp covers will be promptly replaced.

Soil stockpiles will be continuously encircled with silt fences. Hay bales will be used as needed near catch basins, surface waters and other discharge points.

Water will be available on-site at suitable supply and pressure for use in dust control.

6.3.3 Materials Excavation and Load Out

The Remedial Engineer or a qualified environmental professional under her supervision will oversee all invasive work and the excavation and load-out of all excavated material.

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

The presence of utilities and easements on the Site has been investigated by the Remedial Engineer and the Volunteer. It has been determined that no risk or impediment to the planned work under this Remedial Action Work Plan is posed by utilities or easements on the Site.

Loaded vehicles leaving the Site will be appropriately lined, tarped, securely covered, manifested, and placarded in accordance with appropriate Federal, State, local, and NYSDOT requirements (and all other applicable transportation requirements).

Vehicles leaving the Site will not be overloaded. The Remedial Engineer's representative will make reasonable efforts to ensure that vehicles are not loaded beyond their NYSDOT weight rating and that all material is secured beneath the truck bed cover.

A truck wash will be operated on-Site. The Remedial Engineer or an environmental professional under her direct supervision will be responsible for ensuring that all outbound trucks will be washed at the truck wash before leaving the Site until the remedial construction is complete.

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

The Remedial Engineer or an environmental professional under her direct supervision will be responsible for ensuring that all egress points for truck and equipment transport from the Site will be clean of dirt and other materials derived from the Site during Site remediation and development. Cleaning of the adjacent streets will be performed as needed to maintain a clean condition with respect to Site -derived materials.

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

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

Each hotspot and structure to be remediated will be removed and end-point remedial performance sampling completed before excavations related to Site development commence proximal to the hotspot or structure.

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

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

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

6.3.4 Materials Transport Off-Site

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

Truck transport routes will be south on South Lexington Avenue to the Site and south on South Lexington Avenue to east on East Post Road from the Site. All trucks loaded with Site materials will exit the vicinity of the Site using only these approved truck routes.

Proposed in-bound and out-bound truck routes to the Site are shown in Figure 11. This is the most appropriate route and takes into account: (a) limiting transport through residential areas and past sensitive sites; (b) use of city mapped truck routes; (c) prohibiting off- Site queuing of trucks entering the facility; (d) limiting total distance to major highways; (e) promoting safety in access to highways; and (f) overall safety in transport.

Trucks will be prohibited from stopping and idling in the neighborhood outside the project Site.

Egress points for truck and equipment transport from the Site will be kept clean of dirt and other materials during Site remediation and development.

Queuing of trucks will be performed on-Site in order to minimize off-Site disturbance. Off-Site queuing will be prohibited.

Material transported by trucks exiting the Site will be secured with tight-fitting covers. Loose-fitting canvas or mesh truck covers will be prohibited. If loads contain wet material capable of producing free liquid, truck liners will be used.

All trucks will be washed prior to leaving the Site. Truck wash waters will be collected and disposed of off-Site in an appropriate manner.

6.3.5 Materials Disposal Off-Site

Based on the waste characterization results, a properly permitted waste disposal facility will be selected for off-site disposal. The disposal facility information including location will be reported to the NYSDEC Project Manager prior to commencing the disposal activities.

The estimated total quantity of material expected to be disposed off-Site is 4,310 cubic yards. All soil/fill/solid waste excavated and removed from the Site will be treated as contaminated and regulated material and will be disposed in accordance with all local, State (including 6NYCRR Part 360) and Federal regulations. If disposal of soil/fill from this Site is proposed for unregulated disposal (i.e. clean soil removed for development purposes), a formal request with an associated plan will be made to NYSDEC's Project Manager. Unregulated off-Site management of materials from this Site is prohibited without formal

NYSDEC approval. Material that does not meet Track 1 unrestricted SCOs is prohibited from being taken to a New York State recycling facility (6NYCRR Part 360.15 Registration Facility).

The following documentation will be obtained and reported by the Remedial Engineer for each disposal location used in this project to fully demonstrate and document that the disposal of material derived from the Site conforms with all applicable laws: (1) a letter from the Remedial Engineer or BCP Volunteer to the receiving facility describing the material to be disposed and requesting formal written acceptance of the material. This letter will state that material to be disposed is contaminated material generated at an environmental remediation Site in New York State. The letter will provide the project identity and the name and phone number of the Remedial Engineer. The letter will include as an attachment a summary of all chemical data for the material being transported (including Site Characterization data); and (2) a letter from all receiving facilities stating it is in receipt of the correspondence (above) and is approved to accept the material. These documents will be included in the FER.

Non-hazardous historic fill and contaminated soils taken off-Site will be handled, at minimum, as a Municipal Solid Waste per 6NYCRR Part 360.2. The Remedial Engineer is responsible for assuring material is properly characterized and determining the appropriate disposal methods based on the characterization results. Historical fill and contaminated soils from the Site are prohibited from being disposed at Part 360.15 Registration Facilities (also known as Soil Recycling Facilities).

Soils that are contaminated but non-hazardous and are being removed from the Site are considered by the NYSDEC Division of Materials Management (DMM) to be Construction and Demolition (C/D) materials with contamination not typical of virgin soils. These soils may be sent to a permitted Part 360 landfill. They may be sent to a permitted C/D processing facility without permit modifications only upon prior notification of NYSDEC DMM. This material is prohibited from being sent or redirected to a Part 360-15 Registration Facility. In this case, as dictated by DMM, special procedures will include, at a minimum, a letter to the C/D facility that provides a detailed explanation that the material is derived from a DER remediation Site, that the soil material is contaminated and that it must not be redirected to on-Site or off-Site Soil Recycling Facilities. The letter will provide the project identity and the name and phone number of the Remedial Engineer. The letter will include as an attachment a summary of all chemical data for the material being transported.

The FER will include an accounting of the destination of all material removed from the Site during this Remedial Action, including excavated soil, contaminated soil, historic fill, solid waste, and hazardous waste, non-regulated material, and fluids. Documentation associated with disposal of all material must also include records and approvals for receipt of the material. This information will also be presented in a tabular form in the FER. Bill of Lading system or equivalent will be used for off-Site movement of non-hazardous wastes and contaminated soils. This information will be reported in the FER.

Hazardous wastes derived from on-Site will be stored, transported, and disposed of in full compliance with applicable local, State, and Federal regulations.

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

Waste characterization sampling will be performed exclusively for the purposes of off-Site soil 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. Sampling and analytical methods, sampling frequency, analytical results and QA/QC associated with waste characterization activities will be reported in the FER. All data available for soil/material to be disposed at a given facility must be submitted to the disposal facility with suitable explanation prior to shipment and receipt. Waste characterization data will be used solely for complying with requirements for off-site disposal. Waste Characterization sampling cannot be utilized for:

- Delineating the extent of contamination required for remediation at a Site.
- Replacing or substituting data collected as part of Site Characterization and/or Remedial Investigation.
- Replacing or substituting confirmation or documentation sampling as described in NYSDEC DER-10, Section 5.4.
- To modify remedial decisions as formalized in a NYSDEC approved Decision Document or Record of Decision.

6.3.6 Materials Reuse On-Site

The Remedial Engineer will ensure that procedures defined for materials reuse in this RAWP are followed and that unacceptable material will not remain on-Site.

Reuse of material excavated during the remedial action and/or site redevelopment is not anticipated. However, if reuse of materials is required, the material will be sampled and analyzed in accordance with Table 5.4(e)10 on page 161 of DER-10 Technical Guidance for Investigation and Remediation, and a "Request to Import/Reuse Fill Material" form will be filed with the NYSDEC project manager for review and approval prior to material reuse on the site. The form is available on the NYSDEC website. Acceptable demolition material proposed for reuse on-Site, if any, will be sampled for asbestos. All materials to be reused on the Site will comply with RRSCOs and PGWSCOs (for CVOCs).

Concrete crushing or processing on-Site is prohibited, unless NYSDEC has specifically approved on-site processing and reuse of acceptable demolition material.

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

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

6.3.7 Fluids Management

All liquids to be removed from the Site, including dewatering fluids, will be handled, transported and disposed in accordance with applicable local, State, and Federal regulations. Based on the findings from the RI and supplemental investigations/SGWI, groundwater will be encountered during excavation activities. The water generated during remediation and construction activities will be discharged to the Westchester County combined sewer in compliance with a Westchester County Department of Environmental Facilities (WCDEF) discharge permit, or otherwise containerized for characterization (in accordance with intended disposal facility sampling requirements) and off-Site disposal. Based upon the presence of sediment and chlorinated VOCs in dewatering fluids, on-site pre-treatment prior to discharge to the Westchester County combined sewer will include

the use of a settling tank, particulate filter, and granular activated carbon (GAC) filter. Dewatered fluids will not be recharged back to the land surface or subsurface of the Site. Dewatering fluids will be managed off-Site. Discharge of water generated during remedial construction to surface waters (i.e. a local pond, stream, river and/or storm sewer) is prohibited without a SPDES permit or other approval meeting the equivalent requirements of a SPDES permit.

6.3.8 Demarcation

After the completion of soil removal and any other invasive remedial activities and prior to backfilling, a land survey will be performed by a New York State licensed surveyor. The survey will define the top elevation of residual contaminated soils. A physical demarcation layer, consisting of orange snow fencing material or equivalent material will be placed on this surface to provide a visual reference. This demarcation layer will constitute the top of the 'Residuals Management Zone', the zone that requires adherence to special conditions for disturbance of contaminated residual soils defined in the SMP. The survey will measure the grade covered by the demarcation layer before the placement of cover soils, pavement and sub-soils, structures, or other materials. This survey and the demarcation layer placed on this grade surface will constitute the physical and written record of the upper surface of the 'Residuals Management Zone' in the SMP. A map showing the survey results will be included in the FER and the SMP.

6.3.9 Backfill from Off-Site Sources

All materials proposed for import onto the Site will be approved by the Remedial Engineer and will be in compliance with provisions in this RAWP prior to receipt at the Site.

Material from industrial sites, spill sites, other environmental remediation sites or other potentially contaminated sites will not be imported to the Site. Solid waste will not be imported onto the Site.

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

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

Soils that meet 'general fill' requirements under 6 NYCRR Part 360.13, but do not meet backfill or cover soil objectives for this Site, will not be imported onto the Site without prior approval by NYSDEC. Nothing in this RAWP should be construed as an approval for this purpose.

A "Request to Import/Reuse Fill Material" form will be filed with the NYSDEC project manager for review and approval prior to import to the site. A copy of the form is presented in Appendix M.

6.3.10 Stormwater Pollution Prevention

The erosion and sediment controls employed at the Site will be in conformance with requirements presented in the New York State Guidelines for Urban Erosion and Sediment Control Erosion and the NYSDEC-approved SWPPP. The measures will be installed prior to conducting any ground-intrusive work. These measures will be installed according to all applicable or relevant and appropriate Federal, State, and Local laws.

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

Accumulated sediments will be removed as required to keep the barrier and hay bale check functional.

All undercutting or erosion of the silt fence toe anchor shall be repaired immediately with appropriate backfill materials.

Manufacturer's recommendations will be followed for replacing silt fencing damaged due to weathering.

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

Silt fencing or hay bales will be installed around the entire perimeter of the remedial construction area.

6.3.11 Contingency Plan

If underground tanks or other previously unidentified contaminant sources are found during on-Site remedial excavation or development related construction, sampling will be performed on product, sediment and surrounding soils, etc. in accordance with DER-10. Chemical analytical work will be for full scan parameters (TAL metals; TCL volatiles and semi-volatiles, TCL pesticides, PCBs and PFAS). Analyses will not be otherwise limited without NYSDEC approval.

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

6.3.11.1 Extreme Storm Preparedness and Response Contingency Plan

Damage from flooding or storm surge can include dislocation of soil and stockpiled materials, dislocation of site structures and construction materials and equipment, and dislocation of support of excavation structures. Damage from wind during an extreme storm event can create unsafe or unstable structures, damage safety structures and cause downed power lines creating dangerous site conditions and loss of power. In the event of emergency conditions caused by an extreme storm event, the Volunteer will undertake the following steps for site preparedness prior to the event and response after the event.

Storm Preparedness

Preparations in advance of an extreme storm event will include the following: containerized hazardous materials and fuels will be removed from the property; loose materials will be secured to prevent dislocation and blowing by wind or water; heavy equipment such as excavators and generators will be removed from excavated areas, trenches and depressions on the property to high ground or removed from the property; an inventory of the property with photographs will be performed to establish conditions for the site and equipment prior to the event; stockpile covers for soil and fill will be secured by adding weights such as sandbags for added security and worn or ripped stockpile covers will be replaced with competent covers; stockpiled hazardous wastes will be removed from the property; stormwater management systems will be inspected and fortified, including, as necessary: clean and reposition silt fences, hay bales; clean storm sewer filters and traps; and secure and protect pumps and hosing.

Storm Response

At the conclusion of an extreme storm event, as soon as it is safe to access the property, a complete inspection of the property will be performed. A site inspection report will be submitted to NYSDEC at the completion of site inspection and after the site security is assessed. Site conditions will be compared to the inventory of site conditions and material performed prior to the storm event and significant differences will be noted. Damage from storm conditions that result in acute public safety threats, such as downed power lines or imminent collapse of buildings, structures or equipment will be reported to public safety authorities via appropriate means such as calling 911.

Petroleum spills will be reported to NYSDEC within 2 hours of identification and consistent with State regulations. Public safety structures, such as construction security fences will be repaired promptly to eliminate public safety threats. Debris will be collected and removed.

Dewatering will be performed in compliance with existing laws and regulations and consistent with emergency notifications, if any, from proper authorities. Eroded areas of soil including unsafe slopes will be stabilized and fortified. Dislocated materials will be collected and appropriately managed. Support of excavation structure will be inspected and fortified as necessary. Impacted stockpiles will be contained and damaged stockpile covers will be replaced. Stormwater control systems and structures will be inspected and maintained as necessary.

If soil or fill materials are discharged off site to adjacent properties, property owners and NYSDEC will be notified, and corrective measure plan designed to remove and clean dislocated material will be submitted to NYSDEC and implemented following approval by NYSDEC and granting of site access by the property owner. Impacted offsite areas may require characterization based on site conditions, at the discretion of NYSDEC.

If onsite petroleum spills are identified, a qualified environmental professional will determine the nature and extent of the spill and report to NYSDEC's spill hotline at (800) 457-7362 within statutory defined timelines. If the source of the spill is ongoing and can be identified, it should be stopped if this can be done safely. Potential hazards will be addressed immediately, consistent with guidance issued by NYSDEC.

Storm Response Reporting

A site inspection report will be submitted to NYSDEC at the completion of site inspection. An inspection report will be used for this purpose. Site conditions will be compared to the

inventory of site conditions and material performed prior to the storm event and significant differences will be noted. The site inspection report will be sent to the NYSDEC project manager and will include the site name, address, tax block and lot, site primary and alternate contact name and phone number.

Damage and soil release assessment will include: whether the project had stockpiles; whether stockpiles were damaged; photographs of damage and notice of plan for repair; report of whether soil from the site was dislocated and whether any of the soil left the site; estimates of the volume of soil that left the site, nature of impact, and photographs; description of erosion damage; description of equipment damage; description of damage to the remedial program or the construction program, such as damage to the support of excavation; presence of onsite or offsite exposure pathways caused by the storm; presence of petroleum or other spills and status of spill reporting to NYSDEC; description of corrective actions; schedule for corrective actions.

This report should be completed and submitted to NYSDEC project manager with photographs within 24 hours of the time of safe entry to the property after the storm event.

6.3.12 Community Air Monitoring Plan

A Site-specific HASP and a CAMP, including a Special Requirements CAMP, have been prepared for this Site and are enclosed as Appendix H and Appendix I, respectively. Community air monitoring and real-time air monitoring at the perimeter of the exclusion zone will be conducted during all intrusive Site activities in accordance with the NYSDOH Generic CAMP and as described in Appendix I. The CAMP requirements may be modified in consultation with NYSDEC and NYSDOH for activities involving minimal soil disturbance (e.g., site preparation, pile installation, etc.). All readings will be recorded and available for NYSDEC and NYSDOH personnel to review. The CAMP station locations may vary depending on wind direction and location of work activities.

Exceedances observed in the CAMP will be reported to NYSDEC and NYSDOH Project Managers and included in the Daily Report.

6.3.13 Odor, Dust and Nuisance Control Plan

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

6.3.13.1 Odor Control Plan

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

All necessary means will be employed to prevent on- and off-Site nuisances. At a minimum, procedures will include: (a) limiting the area of open excavations; (b) shrouding open excavations with tarps and other covers; and (c) using foams to cover exposed odorous soils; [add other elements as appropriate]. If odors develop and cannot be

otherwise controlled, additional means to eliminate odor nuisances will include: (d) direct load-out of soils to trucks for off-Site disposal; (e) use of chemical odorants in spray or misting systems; and, (f) use of staff to monitor odors in surrounding neighborhoods.

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

6.3.13.2 Dust Control Plan

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

- Dust suppression will be achieved though the use of a dedicated hose connected to a fire hydrant. The hose will be equipped with a nozzle capable of spraying water directly onto off-road areas including excavations and stockpiles.
- Gravel will be used on roadways to provide a clean and dust-free road surface.
- On-Site roads will be limited in total area to minimize the area required for water spraying.

6.3.13.3 Other Nuisances

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

A plan will be developed and utilized by the contractor for all remedial work and will conform, at a minimum, to the City of White Plains noise code.

7.0 REMEDIAL ACTION (RA): GROUNDWATER TREATMENT

Based on the analytical results from the RI, the chlorinated VOC groundwater contamination is attributed to a combination of historic uses of former buildings/structures at the Site, including a historic on-Site auto repair and an upholsterer, and suspected off-Site sources/uses, including a former dry cleaner located to the southwest of the Site. Lesser contributing sources may include a second drycleaner to the west of the Site, two former gas stations south of the Site, a vulcanizer, hazardous waste generators (including generators of chlorinated solvents), and a State BCP site. The proposed groundwater treatment program will include the use of either in-situ chemical oxidation (ISCO) reagents (e.g., modified Fenton's reagent, persulfate, or permanganate), or in-situ chemical reduction bioaugmentation reagents (e.g., emulsified vegetable oil or zero-valent iron) to treat chlorinated VOCs in the overburden and bedrock units to a depth of approximately 100 feet bgs.

The targeted treatment area in the saturated overburden zone is roughly 33,500 square feet and encompasses the area where PCE concentrations were generally 50 ug/L or greater, as shown on Figure 12A. The preliminary design for the overburden injection wells is based upon a radius of influence (ROI) of 15 feet, which correlates to a well spacing of 25-foot centers for a total of approximately 49 injection wells. The injection interval will extend from the water table at approximately 4 feet bgs (or approximately 0.2 feet below the existing building basement slab) down to the bedrock surface at depths ranging from approximately 8 to 25 feet bgs. The proposed overburden injection well network would allow for the introduction of reagent(s) to treat the saturated overburden and to flood the overburden/bedrock interface to allow for reagent to penetrate weathered/shallow fractures in bedrock. At this time, the preferred reagent for treating groundwater in the overburden consists of ISCO reagents.

The proposed bedrock injection well network will include installation of three transects of injection well clusters, along the western and northern Site boundaries and central portion of the Site to allow for reagent injection to depths of up to 100 feet bgs. Each transect would include approximately three to four injection well clusters comprised of three individual injection wells with screen intervals set to treat the shallow, intermediate, and deep bedrock zones (up to 100 feet bgs). The bedrock injection well network would include a total of 11 to 12 injection well clusters for a total 33 to 36 bedrock injection wells, as shown on Figure 12B. At this time, the preferred reagent for treating groundwater in bedrock consists of bioaugmentation/reductive dechlorination reagents injected into each bedrock injection well cluster, which would treat groundwater migrating onto the Site, treat potential source area(s) on-site, and treat and prevent contaminated groundwater from migrating off-site. In addition, the treatment program for overburden and shallower bedrock would serve to prevent continued vertical contaminant migration to the deeper bedrock zones (beyond 100 feet), which would allow for the use of natural attenuation to address contamination in these deeper zones.

The injection well network would be constructed to allow for permanent access during and following Site redevelopment for future injections by retrofitting the wells with an injection manifold or direct access via flush-mount manholes. It is anticipated that the remedial action will include up to two injection events depending upon the selected reagent and effectiveness, followed by two quarters of groundwater monitoring. In addition, a minimum of eight quarters of post-remediation monitoring (following issuance of the COC) will be conducted as outlined in Section 11.4. All as-built drawings/diagrams, calculations and manufacturer documentation for treatment systems will be presented in the FER.

A Pre-design Investigation (PDI) is proposed to confirm the design parameters for groundwater remediation. A PDI Work Plan will be submitted to NYSDEC for review and approval, which will include the scope and protocols for a bench-scale treatability study as well as connectivity testing to evaluate and aid in the design of proposed bedrock injection well network.

The bench-scale treatability study will include the collection of bulk soil and groundwater samples for a study to aid in finalizing reagent selection. The study will include testing using the following reagents to evaluate the effectiveness based upon the contaminants of concern and Site-specific conditions:

- In-situ Chemical Oxidation (ISCO)
  - Fenton's reagent
  - Activated sodium persulfate
  - Sodium permanganate
- Bioremediation/reductive dechlorination
  - Biological additive [e.g., emulsified vegetable oil (EVO)]
  - Zero-valent iron (ZVI) [with and without granular activated carbon (GAC) or other carbon sources]

Communication testing in bedrock will also be conducted as part of the PDI to determine the hydraulic parameters, bedrock fracture connectivity, and capacity for injecting reagent(s) within the proposed injection well network. The proposed communication testing would consist of short-duration (up to 8 hours), step pump tests using representative Site bedrock monitoring wells for both pumping and observation to evaluate drawdown/influence from each test well and surrounding observation wells. It is anticipated that the communication testing will include testing of three designated pumping wells each within the shallow, intermediate, and deep (up to 100 feet bgs) bedrock zones. In addition, sampling will also be conducted during the tests to evaluate potential changes in concentrations for both VOCs and geochemical parameters from the respective test wells.

Extracted water from the testing will be treated utilizing GAC and discharged to the sanitary sewer in accordance with a discharge permit obtained from the Westchester County Department of Environmental Facilities.

The findings of the treatability study and communication testing will be utilized to finalize the proposed design of the groundwater treatment, including the selected reagent, activation method, dosing/loading rates, and updated design/layout of the injection well network. Full design details for the treatment program, including reagent selection, injection well and network details, injection volumes and methods, implementation schedule, and post-remediation monitoring well locations will be provided in a PDI/Groundwater Design Report to be submitted for NYSDEC review and approval.

While the use of ISCO and bioaugmentation/reductive dichlorination reagents have been identified to treat the overburden and bedrock aquifers, respectively, the selected reagent may change dependent upon the findings of the treatability testing conducted as part of the PDI. Any proposed changes to the groundwater treatment reagents would be presented in the PDI/Groundwater Design Report, which would be subject to NYSDEC review and approval.

8.0 RESIDUAL CONTAMINATION TO REMAIN ON-SITE

Since residual contaminated soil, groundwater, and soil vapor may exist beneath the Site after the remedy is complete, Engineering and Institutional Controls (ECs and ICs) are required to protect human health and the environment. These ECs and ICs are described hereafter. Long-term management of EC/ICs and of residual contamination will be executed under a Site specific Site Management Plan (SMP) that will be developed and included in the FER.

The Controlled Property (the Site) will have one (1) primary EC and two (2) contingency ECs. The primary EC will consist of an active SSDS incorporated into the new building design.

In addition, if soil/fill exceeding the Track 2 SCOs cannot be practicably excavated, the residual material will be addressed by a contingency EC consisting of a composite cover system to prevent contact with subsurface soil exceeding the RRSCOs in conjunction with a Track 4 Site-specific cleanup.

If elevated CVOCs in soil vapor remain as a source of residual contamination in the area of AOC-5 (carbon tetrachloride in RI-SV-04), a contingent SVES will be implemented to address potential remaining contamination acting as a soil vapor source.

The FER will report on-site residual contamination after implementation of the RAWP in tabular and map form, with comparisons to the UUSCOs, RRSCOs, PGWSCOs, and/or AWQSGVs, as applicable.

9.0 CONTINTENCY ENGINEERING CONTROLS: SITE COVER SYSTEM

Exposure to residual contaminated soils exceeding the RRSCOs (if any) will be prevented by an engineered site cover system that will be built on the Site. The site cover system would be composed of: (1) a minimum 2-foot clean fill buffer with demarcation barrier in all landscaped and non-paved areas, (2) concrete building slab underlain by a minimum 20-mil vapor barrier membrane, which doubles as a demarcation barrier, in areas within the building footprint; and (3) asphalt/concrete paved surfaces underlain by a demarcation barrier in driveway and parking areas.

The following green remediation BMPs will be considered when designing and installing the cover system:

- Design in ways that mimic rather than alter the site's natural setting, to improve the cover's long-term performance and protect ecosystem services such as potable water, wildlife habitat, and carbon storage;
- Design a cover accounting for potential effects of climate change, which could involve changes in onsite soil development or increased vulnerability to flooding;
- Use uncontaminated soil or sediment from onsite excavation instead of imported soil/sediment for the cover's frost prevention and erosion control layers; similarly, uncontaminated sand, gravel, and rocks from onsite instead of offsite areas may be used for drainage;
- Apply low impact development strategies such as installing earthen berms to manage stormwater;
- Choose geotextile fabric or drainage tubing composed of 100% recycled materials rather than virgin materials for lining, erosion control, and drainage;
- Select materials with biobased content for daily activities during cover construction;
- Use clean fuel and emission control technologies for routine field vehicles and machinery such as backhoes and bulldozers to reduce fuel consumption and emission of air pollutants such as GHGs and particulate matter; and
- Investigate onsite solar and wind resources to power equipment such as leachate pumps and flare units.

For alternative cover designs

- Consider using asphalt rubber (containing recycled tires) where the cover system includes a layer of asphalt;
- Substitute concrete with high albedo pavement, which reflects sunlight and heat away from the cover surface and may aid growth of nearby vegetation; and
- Consider using concrete containing a high percentage of industrial waste by-products as a substitute for cement, if tests show no contaminant leaching.

In addition to BMPs that apply to conventional covers, BMPs for designing and installing an ET cover include:

- Choose recycled (crushed) concrete for biobarriers or capillary breaks instead of natural rock;
- Select native drought-resistant plants for the upper vegetative layer to reduce maintenance needs;
- Preserve biodiversity and related ecosystem services by installing a suitable mix of native shrubs, grasses, and forbs; and
- Use non-synthetic amendments such as compost instead of chemical fertilizers if the soil or vegetation is found to need supplementation over time.

A map showing the aerial distribution of each of the cover types to be built at the Site is included in Figure 13.

An Excavation Plan will be included in the Site Management Plan and will outline the procedures to be followed if the site cover system and underlying residual contamination are disturbed after the Remedial Action is complete.

The components of the site cover system will be documented in the FER. Maintenance of this site cover system will be described in the SMP.

10.0 ENGINEERING CONTROL: VAPOR BARRIER AND SUB-SLAB DEPRESSURIZATION SYSTEM (SSDS)

10.1 Vapor Barrier and Sub-Slab Depressurization System (SSDS)

A vapor barrier and active SSDS will be installed to mitigate the potential for sub-slab vapor intrusion into the proposed new building. The vapor barrier will be installed beneath the proposed building slab. The SSDS will induce a negative pressure (i.e., vacuum) beneath the proposed building slab. Slotted piping will extend horizontally throughout the treatment area and will be connected, via solid aboveground piping, to a blower(s) located on the roof or in a separately ventilated equipment room, and ultimately the effluent vapors will be exhausted to the atmosphere via a discharge stack(s).

A conceptual SSDS layout plan is provided as Figure 14. The final SSDS layout and design details will be submitted to NYSDEC and NYSDOH for review and approval once the building design and construction plans are coordinated and finalized. Conceptual layout and standard design details are further discussed below.

10.1.1 SSDS Component

The proposed SSDS to be installed as part of the Site remedy would include the following:

1. 0.02-inch slotted and solid, 4-inch diameter Schedule 40 PVC pipe lengths beneath the building slab.
2. A pipe manifold, which combines the PVC pipe sections into a 6-inch diameter cast iron riser or PVC riser pipe.
3. A blower with a shut-off alarm connected to a telemetry system and/or building management system (BMS). The riser pipe would connect to the blower located in a separately-ventilated equipment room within the Site building or at the building roof.
4. One 6-inch diameter PVC or galvanized steel rooftop exhaust stack fitted with a rain cap or no-loss extension.
5. A minimum 6-inch thick gas-permeable aggregate stratum underlain by a non-woven geotextile fabric beneath the entire SSDS treatment area.
6. Vacuum monitoring points (VMPs) installed beneath the building slab.
7. Accessories, including: cleanouts, sample ports, vacuum indicators/pressure gauges, flow meters, butterfly valves, and differential pressure switches.
8. A telemetry system to notify select personnel of alarm conditions.

During construction, the non-woven geotextile fabric overlain by a minimum 6-inch layer of ¾-inch gas permeable aggregate (GPA) stone bedding will be installed below the entire building slab, and under, around, and above all SSDS piping to promote favorable conditions for ventilation of vapors and extension of vacuum influence from the slotted piping. VMPs will be installed as necessary to monitor and confirm the presence of induced vacuum under the building slab relative to the interior.

A blower or blowers will be selected and installed on the building roof or in a separately-ventilated equipment room, subject to the final building design plans. The SSDS effluent vapors will exit the blower via a discharge stack terminating at least 7 feet above the roof and at least 25 feet away from any air intakes or windows in accordance with local and state building codes and USEPA guidance.

The installation of a minimum 20-mil vapor barrier, or engineer-approved equal, under the building slab is expected to enhance vacuum capabilities beneath the proposed building slabs and further assist in the prevention of sub-slab vapor infiltration into indoor air.

10.1.2 SSDS Confirmatory Testing

SSDS startup, including balancing the system and the collection of vacuum readings at the VMPs will be conducted to assess induced vacuum conditions under the building slab and determine the efficacy of the SSDS. Adequate sub-slab vacuum will be determined via VMP vacuum readings of 0.004 inH_2O. If sub-slab vacuum readings indicate minimum vacuum readings less than the target operating conditions, the SSDS will be rebalanced by adjusting the applied vacuum and air flow rate conditions at the individual SSDS lines until acceptable induced vacuum conditions are observed at each of the VMPs.

A Soil Vapor Intrusion Evaluation (SVIE) will be performed prior to building occupancy. SSDS operations and maintenance requirements will be outlined in the SMP. As-built drawings, diagrams, calculations, manufacturer documentation for the SSDS will be presented in the FER.

11.0 CONTINGENCY ENGINEERING CONTROL: SOIL VAPOR EXTRACTION SYSTEM (SVES)

11.1 Soil Vapor Extraction (SVE) System (SVES)

If site conditions and endpoint sample results indicate a CVOC source in soil or soil vapor remains, the residual material will be addressed via the installation of an SVES. The SVES will be effective in remediating CVOCs in the remaining soil/fill and will prevent off-site migration of soil vapor. The SVE points will be constructed with sections of slotted piping extending either vertically or horizontally in the vadose zone within the targeted treatment area. The SVE piping will connect to a high vacuum blower and carbon treatment units located in the SSDS equipment room or other appropriate space in the new building. If the SVES is required, the blower will be sized accordingly so that sufficient vacuum is applied to remove sorbed contaminants from the soil and draw the vapors from the treatment area through the vapor-phase GAC units prior to discharging the treated vapors to the atmosphere in accordance with the emission requirements set forth in 6 NYCRR Part 212.

As the need for an SVES is dependent on site conditions during remedial construction and the results of the endpoint sampling, the SVES layout and design details are not included in the RAWP. A contingent SVES design would be included in a design document submitted for NYSDEC review and approval and would be revised as necessary based on the extent of CVOCs source material that remains at the (if any). The need for the SVES will be determined in consultation with NYSDEC.

12.0 CRITERIA FOR COMPLETION OF REMEDIATION/ TERMINATION OF REMEDIAL SYSTEMS

12.1 Composite Cover System

The composite cover system, if required, is a permanent control, and the quality and integrity of this system will be inspected at defined, regular intervals in perpetuity.

12.2 Sub-Slab Depressurization System (SSDS)

The active SSD system will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the active SSD system may be submitted by the property owner based on confirmatory data that justifies such request. Systems will remain in place and operational until permission to discontinue use is granted in writing by NYSDEC and NYSDOH.

12.3 Soil Vapor Extraction System (SVES)

If operation of a SVES is determined to be required, it will not be discontinued without written approval by NYSDEC and NYSDOH. A proposal to discontinue the system may be submitted by the property owner after residual contamination concentrations in soil vapor: (1) are cleaned up to levels below NYSDEC standards, (2) have become asymptotic over an extended period of time as mandated by the NYSDEC and the NYSDOH, or (3) if NYSDEC has determined that the SVE system has reached the limit of its effectiveness. Systems will remain in place and operational until permission to discontinue their use is granted in writing by NYSDEC and NYSDOH. These sampling/monitoring activities will adhere to stipulations outlined in the Monitoring Plan section of the SMP.

12.4 Groundwater Monitoring

Following the groundwater treatment during the remedial phase (pre-COC), a minimum of two post-remedial quarterly monitoring events will be conducted, with the results included in the FER. Groundwater monitoring activities to assess the performance of the remedy, or natural attenuation following the removal of contaminant sources, will continue, as determined by NYSDOH and NYSDEC, until residual groundwater concentrations are found to be below NYSDEC standards or have become asymptotic over an extended period. Monitoring will continue until permission to discontinue is granted in writing by NYSDEC and NYSDOH. Monitoring activities will be outlined in the Monitoring Plan of the SMP. Following remediation, a minimum of eight quarterly monitoring events will be performed.

12.5 Groundwater Treatment

The Remedial Design Report will include a contingency for in-situ groundwater treatment injection events to be conducted under the SMP to supplement the initial injections/treatment completed during the RA. The need for subsequent events will be determined based on the post-remedial groundwater monitoring results. Notwithstanding, the injection well network will be preserved for future groundwater treatment, as necessary, during site management (post-COC).

13.0 INSTITUTIONAL CONTROLS

After the remedy is complete, the Site will have residual contamination remaining in place. Engineering Controls (ECs) for the residual contamination have been incorporated into the remedy to render the overall Site remedy protective of public health and the environment. Two elements have been designed to ensure continual and proper management of residual contamination in perpetuity: an Environmental Easement and a Site Management Plan (SMP).

All as-built drawings, diagrams, calculation and manufacturer documentation for treatment systems will be presented in the FER. A Site -specific Environmental Easement will be recorded with Westchester County and the City of White Plains Clerk's offices to provide an enforceable means of ensuring the continual and proper management of residual contamination and protection of public health and the environment in perpetuity or until released in writing by NYSDEC. It requires that the grantor of the Environmental Easement and the grantor's successors and assigns adhere to all Engineering and Institutional Controls (ECs/ICs) placed on this Site by this NYSDEC-approved remedy. ICs provide restrictions on Site usage and mandate operation, maintenance, monitoring and reporting measures for all ECs and ICs. The SMP describes appropriate methods and procedures to ensure compliance with all ECs and ICs that are required by the Environmental Easement. Once the SMP has been approved by the NYSDEC, compliance with the SMP is required by the grantor of the Environmental Easement and grantor's successors and assigns.

13.1 Environmental Easement

An Environmental Easement, as defined in Article 71 Title 36 of the Environmental Conservation Law, is required when residual contamination is left on-Site after the Remedial Action is complete. As part of this remedy, an Environmental Easement approved by NYSDEC will be filed and recorded with the Westchester County and the City of White Plains Clerk's offices. The Environmental Easement will be submitted as part of the Final Engineering Report.

The Environmental Easement renders the Site a Controlled Property. The Environmental Easement must be recorded with Westchester County and the City of White Plains Clerk's offices before the Certificate of Completion can be issued by NYSDEC. A series of Institutional Controls are required under this remedy to implement, maintain and monitor these Engineering Control systems, prevent future exposure to residual contamination by controlling disturbances of the subsurface soil and restricting the use of the Site to Restricted Residential use(s) only. These Institutional Controls are requirements or restrictions placed on the Site that are listed in, and required by, the Environmental Easement. Institutional Controls can, generally, be subdivided between controls that support Engineering Controls, and those that place general restrictions on Site usage or other requirements. Institutional Controls in both of these groups are closely integrated with the SMP, which provides all of the methods and procedures to be followed to comply with this remedy.

The Institutional Controls that support Engineering Controls are:

- Compliance with the Environmental Easement by the Grantee and the Grantee's successors and adherence of all elements of the SMP is required;
- All Engineering Controls must be operated and maintained as specified in this SMP;
- A Track 4 contingency site cover system consisting of asphalt covered roads, concrete covered sidewalks, minimum 2-foot clean soil cover in landscaped areas, and concrete building slabs must be inspected, certified and maintained as required in the SMP;
- All Engineering Controls on the Controlled Property must be inspected and certified at a frequency and in a manner defined in the SMP;

- Groundwater, soil vapor and other environmental or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site Management for the Controlled Property must be reported at the frequency and in a manner defined in the SMP;
- On-Site environmental monitoring devices, including but not limited to, groundwater monitor wells and vacuum monitoring points, must be protected and replaced as necessary to ensure proper functioning in the manner specified in the SMP;
- Engineering Controls may not be discontinued without an amendment or extinguishment of the Environmental Easement.

Adherence to these Institutional Controls for the Site is mandated by the Environmental Easement and will be implemented under the SMP (discussed in the next section). The Controlled Property (Site) will also have a series of Institutional Controls in the form of Site restrictions and requirements. The Site restrictions that apply to the Controlled Property are:

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

13.2 Site Management Plan

Site Management is the last phase of remediation and begins with the approval of the FER and issuance of the Certificate of Completion (COC) for the Remedial Action. The SMP is submitted as part of the FER but will be written in a manner that allows its removal and use as a complete and independent document. Site Management continues in perpetuity or until released in writing by NYSDEC. The property owner is responsible to ensure that all Site Management responsibilities defined in the Environmental Easement and the SMP are performed.

The SMP should include methods to incorporate and track GSR. Measures should be taken to maintain a cost-effective, protective remedy that remains conscientious of the Site's environmental footprint. At a minimum, the following should be assessed: waste generation, energy usage, emissions, and water usage.

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

To address these needs, this SMP will include four plans: (1) an Engineering and Institutional Control Plan for implementation and management of EC/ICs; (2) a Monitoring Plan for implementation of Site Monitoring; (3) an Operation and Maintenance Plan for implementation of remedial collection, containment, treatment, and recovery systems; and (4) a Site Management Reporting Plan for submittal of data, information, recommendations, and certifications to NYSDEC. The SMP will be prepared in accordance with the requirements in NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation and the guidelines provided by NYSDEC.

Site management activities, reporting, and EC/IC certification will be scheduled on a certification period basis. The certification period will be annually. The SMP will be based on the certifying period relative to the date of issuance of the COC. The first submission will be due 16 months after the issuance of the COC, and annually (or at another frequency as approved by NYSDEC) thereafter.

The SMP in the FER will include a monitoring plan for groundwater at the upgradient and downgradient Site perimeter to evaluate Site-wide performance of the remedy.

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

14.0 FINAL ENGINEERING REPORT

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

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

The FER will include written and photographic documentation of all remedial work performed under this remedy. The FER will include an itemized tabular description of actual costs incurred during all aspects of the Remedial Action.

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

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

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

The FER must include a discussion of the green remediation practices/technologies employed throughout the remedial program. A final footprint analysis using a DER accepted model, and any tracking methods used through the construction including restoration activities. Before approval of a FER and issuance of a COC, all project reports must be submitted in digital form on electronic media (PDF).

14.1 Certifications

The following certification will appear in front of the Executive Summary of the Final Engineering Report. The FER will be prepared, stamped and the following certification signed by an individual licensed or otherwise authorized in accordance with article 145 of the education law to practice the profession of engineering. The certification will include the following statements:

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 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 are true. I understand that a false statement made herein is punishable as Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Rebecca Kinal, of AKRF, Inc. located at 34 South Broadway in White Plains, New York, am certifying as Owner's Designated Site Representative for the site.

It is a violation of Article 145 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 145, New York State Education Law.

15.0 SCHEDULE

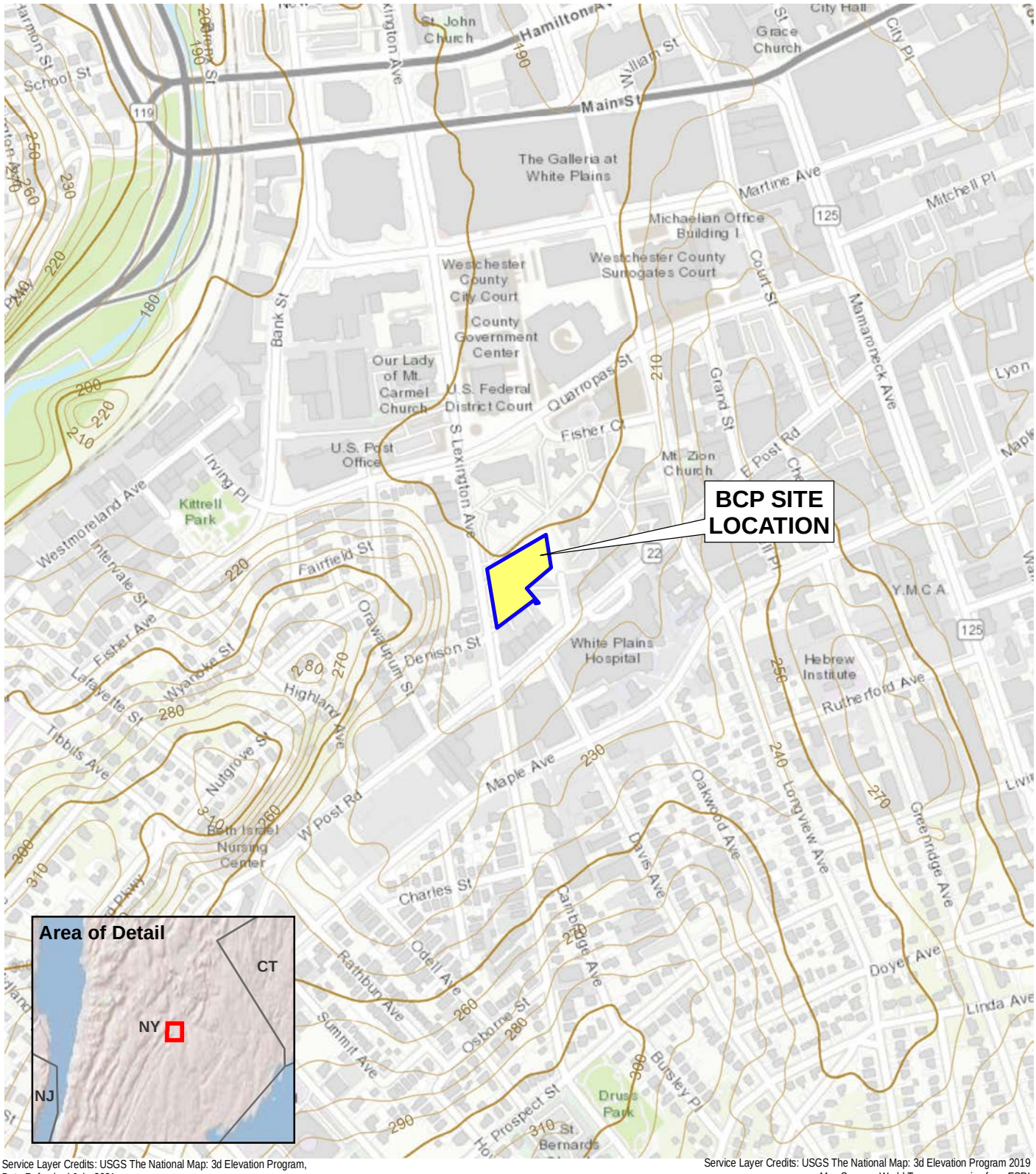
The proposed project schedule for implementation of the remedial actions outlined in this RAWP is provided in Table S, below.

Table S
Proposed Project Schedule

Activity	Time To Complete
Draft Preliminary RIR Submitted to NYSDEC	October 2024
Draft RAWP Submitted to NYSDEC	November 2024
NYSDEC RIR Comments	December 2024
Submittal of Supplemental Groundwater Investigation Work Plan	December 2024
Supplemental Investigation	January 2025
Submittal of Supplemental Bedrock Groundwater Investigation Work Plan – Phase II	May 2025
Supplemental Bedrock Groundwater Investigation – Phase II	June-Nov, 2025
Submittal of Addendum to Supplemental Bedrock Groundwater Investigation Work Plan – Phase II	October 23, 2025
Submittal of Addendum (Revision II) to Supplemental Bedrock Groundwater Investigation Work Plan – Phase II	December 18, 2025
NYSDEC Review and Approval of Addendum	December 18, 2025 – December 23, 2025
Order Flute Liners (3 Week Lead Time)	December 22, 2025
Revised Draft RIR Submitted to NYSDEC (excluding data from SBGWIWP-Phase II Addenda)	December 23, 2025
Implementation of Addendum to Supplemental Bedrock Groundwater Investigation – Phase II	January 5, 2026
NYSDEC Review and Comments for Revised Draft RIR	December 23, 2025 – February 2, 2026
Final RIR Submitted to NYSDEC (including data from SBGWIWP-Phase II Addenda)	March 16, 2026
NYSDEC Review and Approval of Final RIR	**March 16 to May 4, 2026**
Revised Draft RAWP Submitted to NYSDEC	March 25, 2026
45-Day Public Comment Period for RAWP is Initiated	**April 1, 2026**
Groundwater Remediation Pre-Design Investigation (GW PDI) Work Plan-Part 1 Submitted to NYSDEC	April 3, 2026
NYSDEC Review and Comments for GW PDI Work Plan-Part 1	April 3 to May 15, 2026
Groundwater Remediation Pre-Design Investigation (GW PDI) Work Plan-Part 2 Submitted to NYSDEC	May 1, 2026
NYSDEC Review and Comments for GW PDI Work Plan-Part 2	May 1 to June 12, 2026
RIR Approval for HCR Board Meeting on May 12, 2026	**May 8, 2026**
Public Comment Period for RAWP Ends (45 Days)	**May 16, 2026**
NYSDEC Issues Comments for Revised Draft RAWP	**May 29, 2026**
Final GW PDI Work Plan-Part 1 Submitted to NYSDEC	May 29, 2026
Final GW PDI Work Plan-Part 1 Approved by NYSDEC	June 10, 2026
Submittal of Final RAWP to NYSDEC	June 12, 2026
Initiation of GW PDI Work Plan-Part 1	June 15, 2026
Final GW PDI Work Plan-Part 2 Submitted to NYSDEC	June 19, 2026

Activity	Time To Complete
Final GW PDI Work Plan-Part 2 Approved by NYSDEC	June 29, 2026
HCR Closing Decision Document or DEC/DOH Memo RAWP is Approvable/Substantially Complete/No Significant Comments	**June 30, 2026**
NYSDEC Approval of RAWP/Issuance of Decision Document (4 weeks after Final RAWP submittal)	**July 10, 2026**
Issue Remedial/Construction Notice Fact Sheet	July 13, 2026
Building Abatement and Demolition (Change of Use Submittal TBD)	July 6 – December 31, 2026
Begin Redevelopment (Construction) with Implementation of RAWP	July 13, 2026
Initiation of GW PDI Work Plan-Part 2	July 13, 2026
Groundwater Treatment Design Document Submitted to NYSDEC	October 19, 2026
NYSDEC Review and Comments for GW Treatment Design Document	October 19 to November 30, 2026
Final GW Treatment Design Document Submitted to NYSDEC	December 11, 2026
Final GW Treatment Design Document Approved by NYSDEC	December 28, 2026
Groundwater Remediation Initiated	January 4, 2027
Submit Draft Environmental Easement	June 2027
Execution of Environmental Easement	August 2027
Draft SMP Submitted to NYSDEC	August 2027
Remedial Activities Completed (Including Confirmatory Groundwater Sampling)	September 2027
Draft FER Submitted to NYSDEC	October 2027
Certificate of Completion and Fact Sheet	December 2027
Completion of Building (first occupancy)	March 2028

FIGURES



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

Service Layer Credits: USGS The National Map: 3d Elevation Program 2019
Map Source: World Topo map service from ESRI

0 600 1,200
SCALE IN FEET

N

akrf
34 South Broadway, Suite 300
White Plains, NY 10601

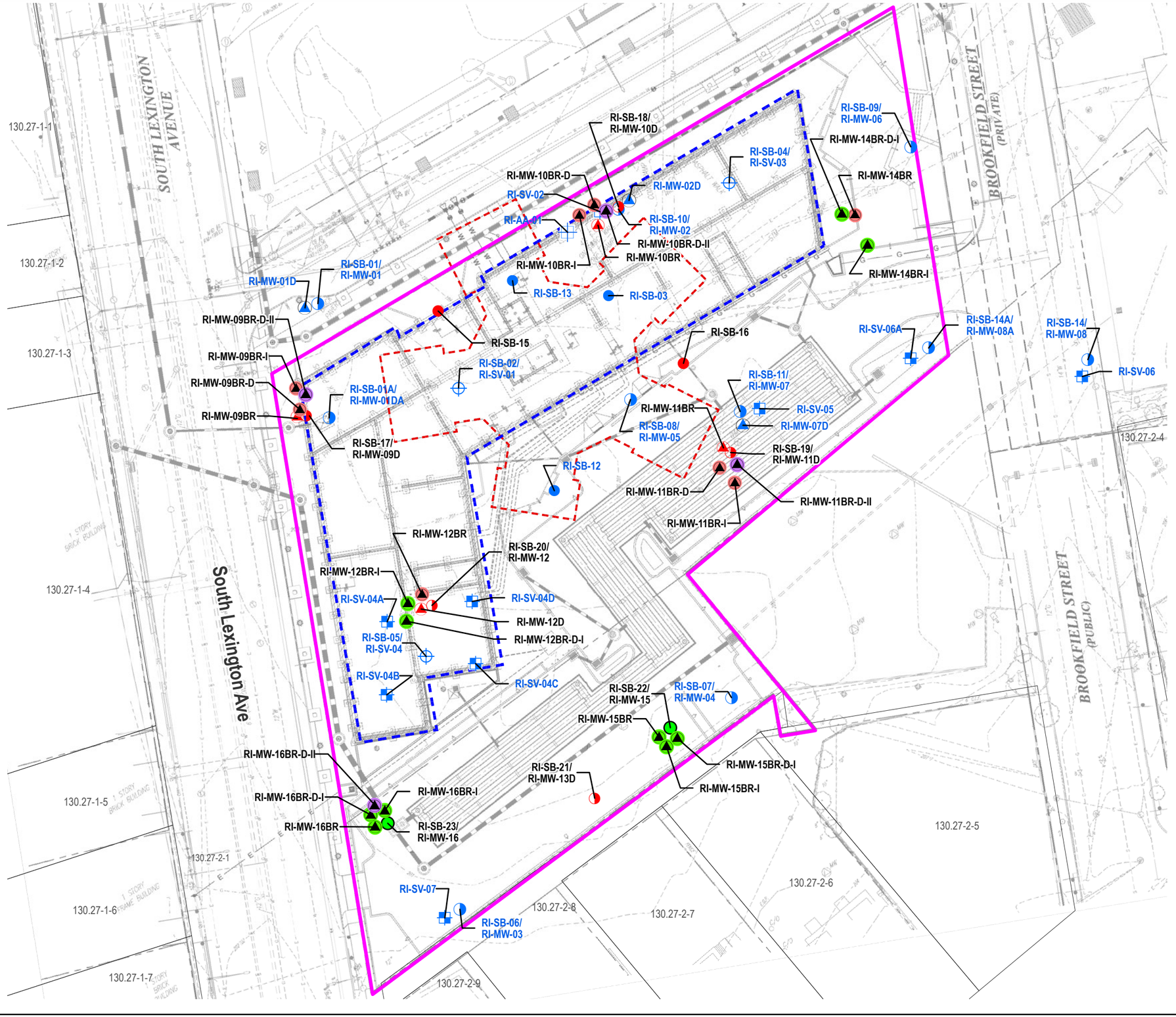
Brookfield Commons Phase 3
White Plains, New York

BCP SITE LOCATION

DATE
3/11/2026

PROJECT NO.
210122

FIGURE
1



LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT) — 130.27-2-1
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- RI SOIL BORING
- RI MONITORING WELL
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLE
- SUPPLEMENTAL SOIL BORING
- SUPPLEMENTAL SOIL BORING/ MONITORING WELL
- SUPPLEMENTAL MONITORING WELL
- SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL SOIL BORING/MONITORING WELL
- SECONDARY SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL (ADDENDUM) BEDROCK MONITORING WELL

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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

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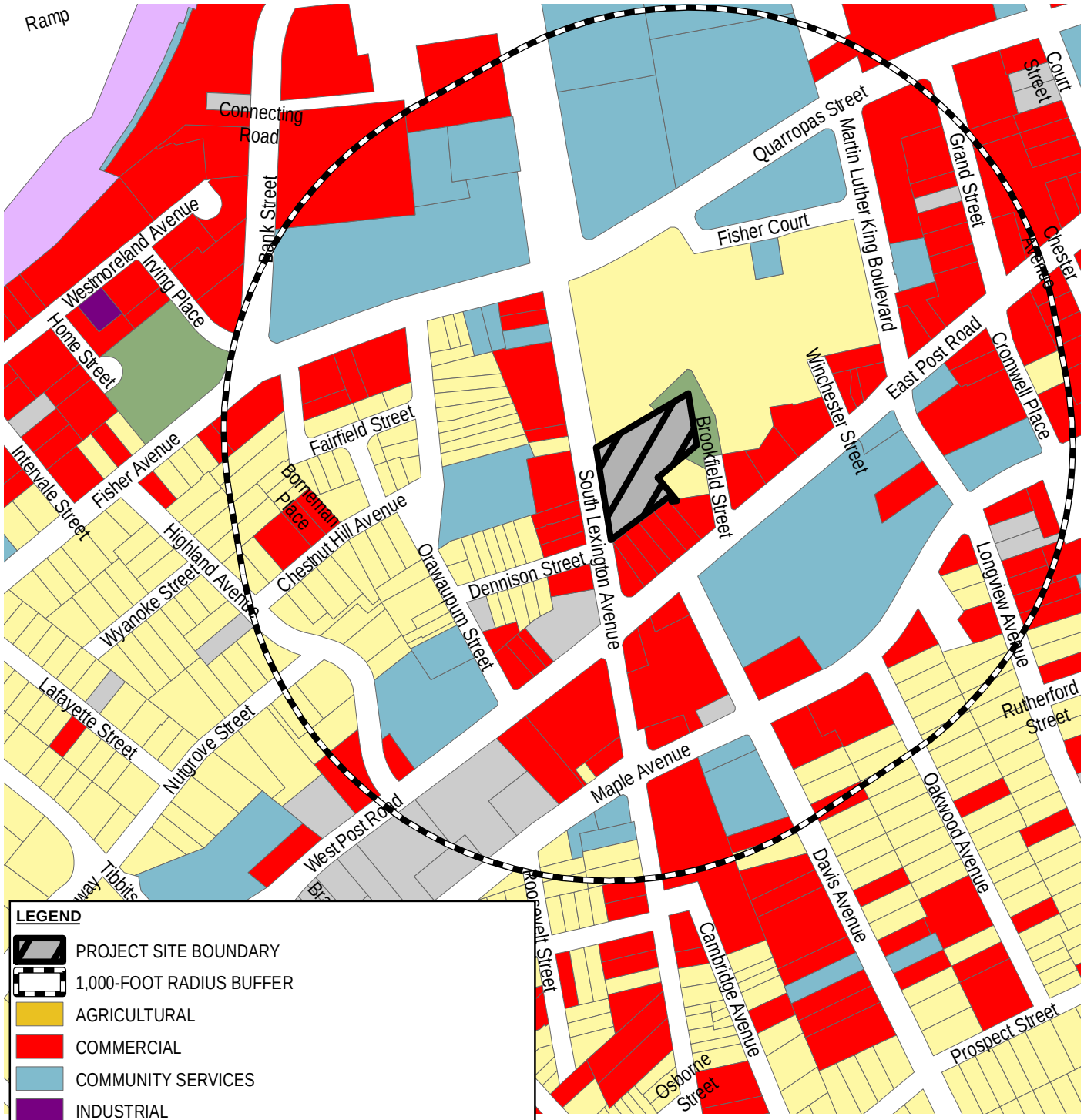
White Plains, New York

SITE PLAN AND SAMPLING LOCATIONS

DATE
3/11/2026

PROJECT NO.
210122

FIGURE
2



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

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White Plains, New York

SURROUNDING LAND USE

DATE
12/1/2025

PROJECT NO.
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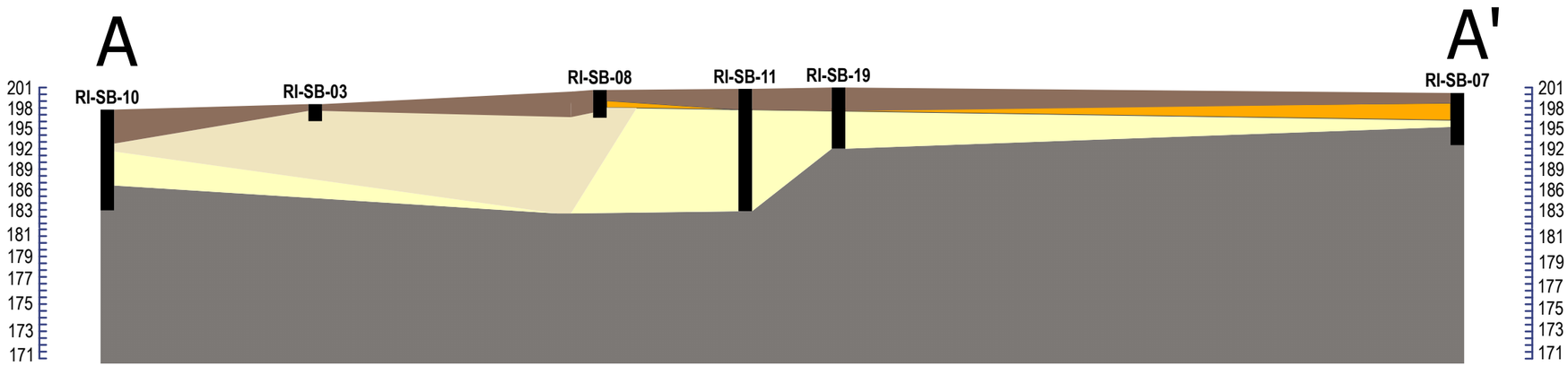
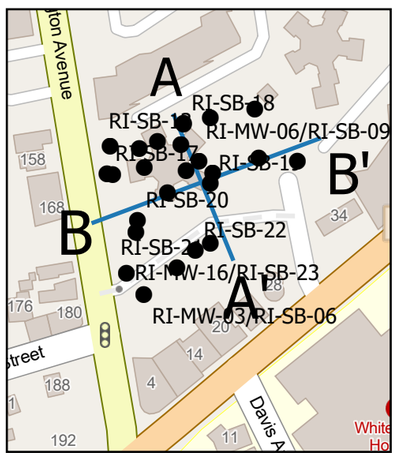
FIGURE
3





Key Plan

LEGEND

- BOREHOLE
- FILL
- NATIVE SAND
- NATIVE SILT
- NATIVE SILTY CLAY
- BEDROCK

0 10 20 40 Feet

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440 Park Avenue South, New York, NY 10016

Brookfield Commons Phase 3
White Plains, New York

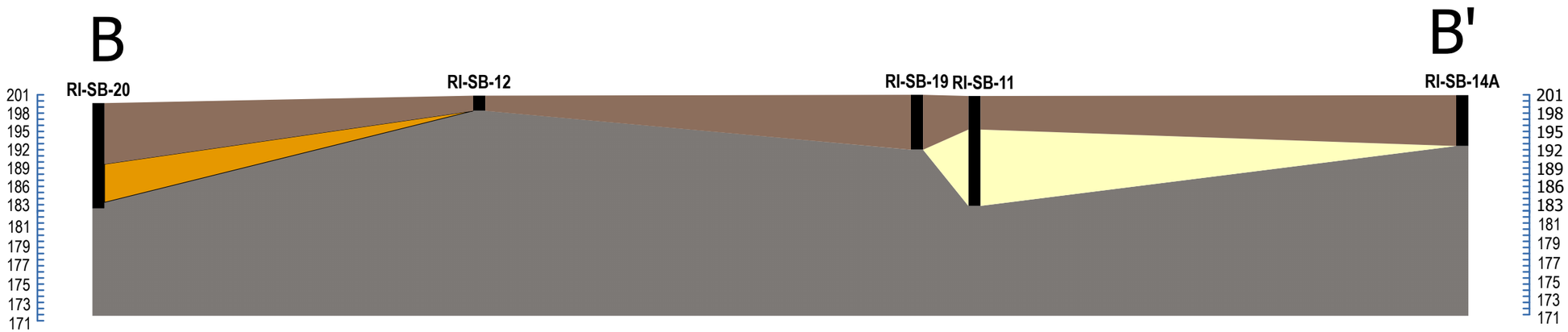
NORTH-SOUTH CROSS SECTION

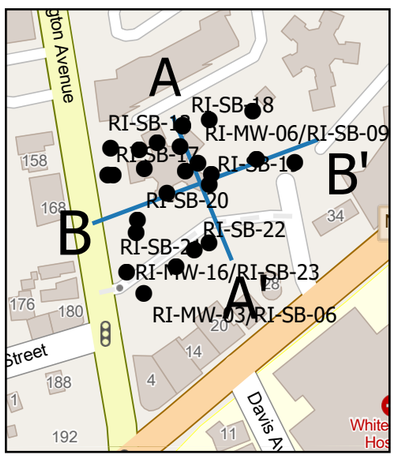
DATE
3/12/2026

PROJECT NO.
210122

FIGURE
4A

AKRF O:\Projects\210122 - SAR Brookfield Commons Phase 3\SAR\210122XSecs\210122XSecs.aprx 3/12/2026 8:11 PM210122 Figure 4A North-South Cross Section jszalus





Key Plan

LEGEND

- BOREHOLE
- FILL
- NATIVE SAND
- NATIVE SILT
- NATIVE SILTY CLAY
- BEDROCK

0 20 40 Feet

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

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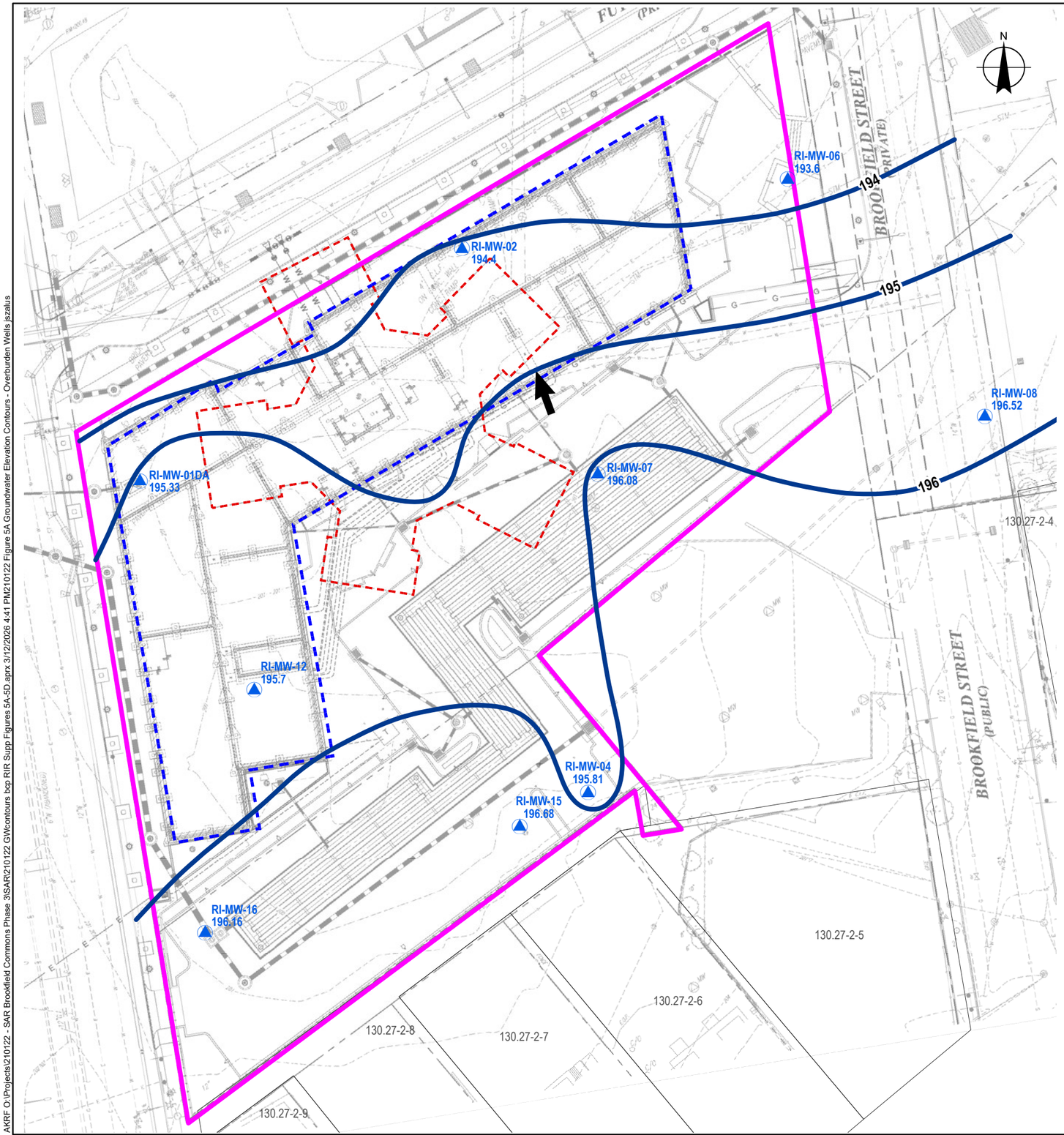
Brookfield Commons Phase 3
White Plains, New York

EAST-WEST CROSS SECTION

DATE
3/12/2026

PROJECT NO.
210122

FIGURE
4B



LEGEND

- PROJECT SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- OVERBURDEN MONITORING WELL ID WITH ELEVATION
- GROUNDWATER ELEVATION IN FEET (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION

Monitoring Well	Top of Cap Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-01DA	201.22	201.01	5.89	195.33
RI-MW-02	198.51	198.29	4.11	194.40
RI-MW-04	200.08	198.86	3.05	195.81
RI-MW-06	199.84	199.40	5.80	193.60
RI-MW-07	201.24	201.02	4.94	196.08
RI-MW-08	202.73	202.31	5.79	196.52
RI-MW-12	199.83	199.62	3.92	195.70
RI-MW-15	199.77	199.38	2.70	196.68
RI-MW-16	200.61	200.30	4.14	196.16

Notes:

[1]Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).

[2]Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

0 20 40 80

SCALE IN FEET

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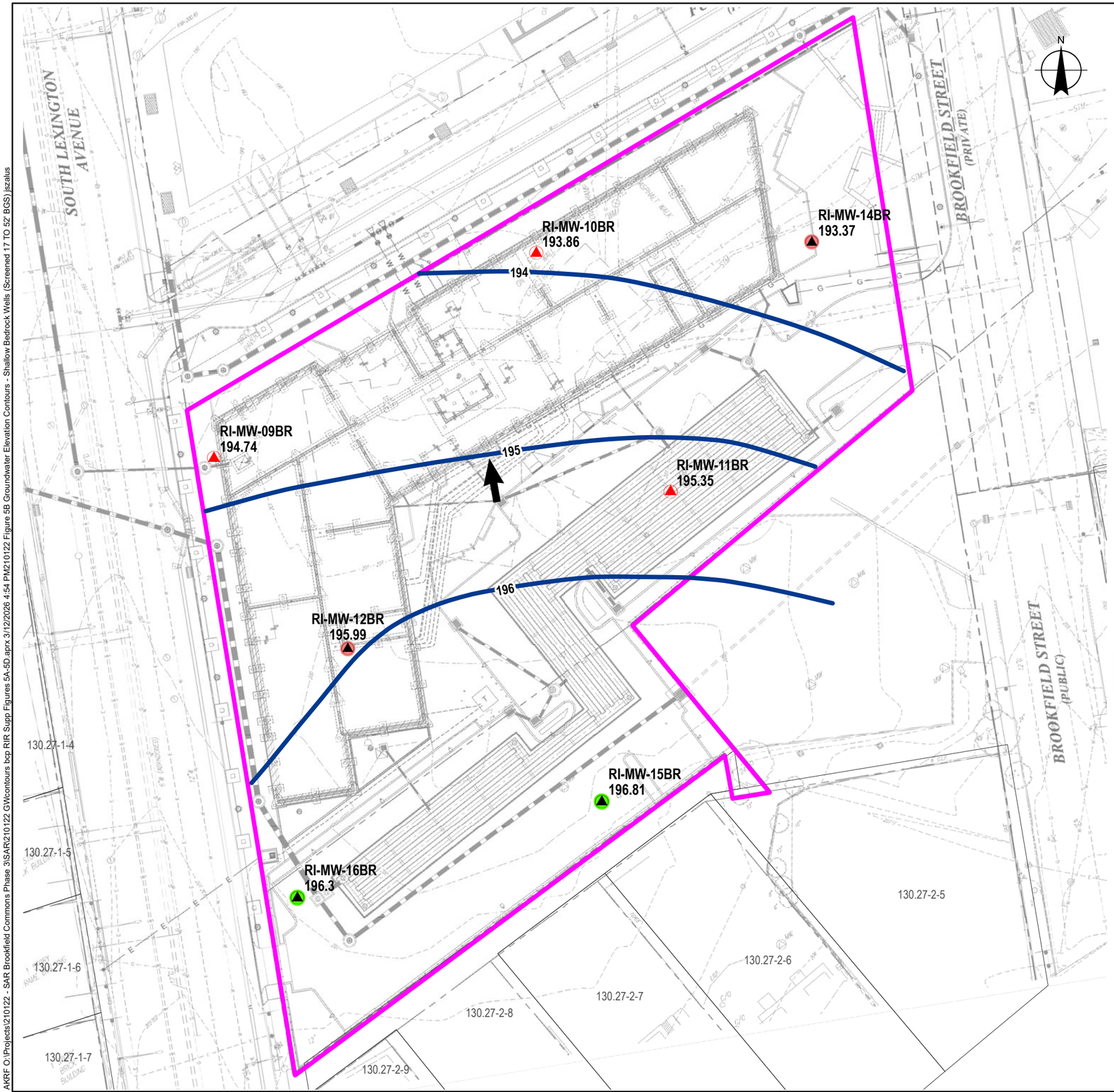
Brookfield Commons Phase 3
White Plains, New York

GROUNDWATER ELEVATION CONTOURS - OVERBURDEN WELLS

DATE
3/12/2026

PROJECT NO.
210122

FIGURE
5A



LEGEND

- PROJECT SITE BOUNDARY
- SUPPLEMENTAL BEDROCK MONITORING WELL ID
- SECONDARY SUPPLEMENTAL BEDROCK MONITORING WELL ID
- SUPPLEMENTAL MONITORING WELL ID
- GROUNDWATER ELEVATION IN FEET (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION

Monitoring Well	Top of Cap Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-09BR	200.49	200.29	5.55	194.74
RI-MW-10BR	198.15	197.95	4.09	193.86
RI-MW-11BR	201.07	200.86	5.51	195.35
RI-MW-12BR	199.84	199.37	3.38	195.99
RI-MW-14BR	199.97	199.69	6.32	193.37
RI-MW-15BR	199.85	199.51	2.70	196.81
RI-MW-16BR	200.73	200.41	4.11	196.30

Notes:

[1]Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).

[2]Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

0 20 40 80
SCALE IN FEET

akrf
34 South Broadway, Suite 300
White Plains, NY 10601

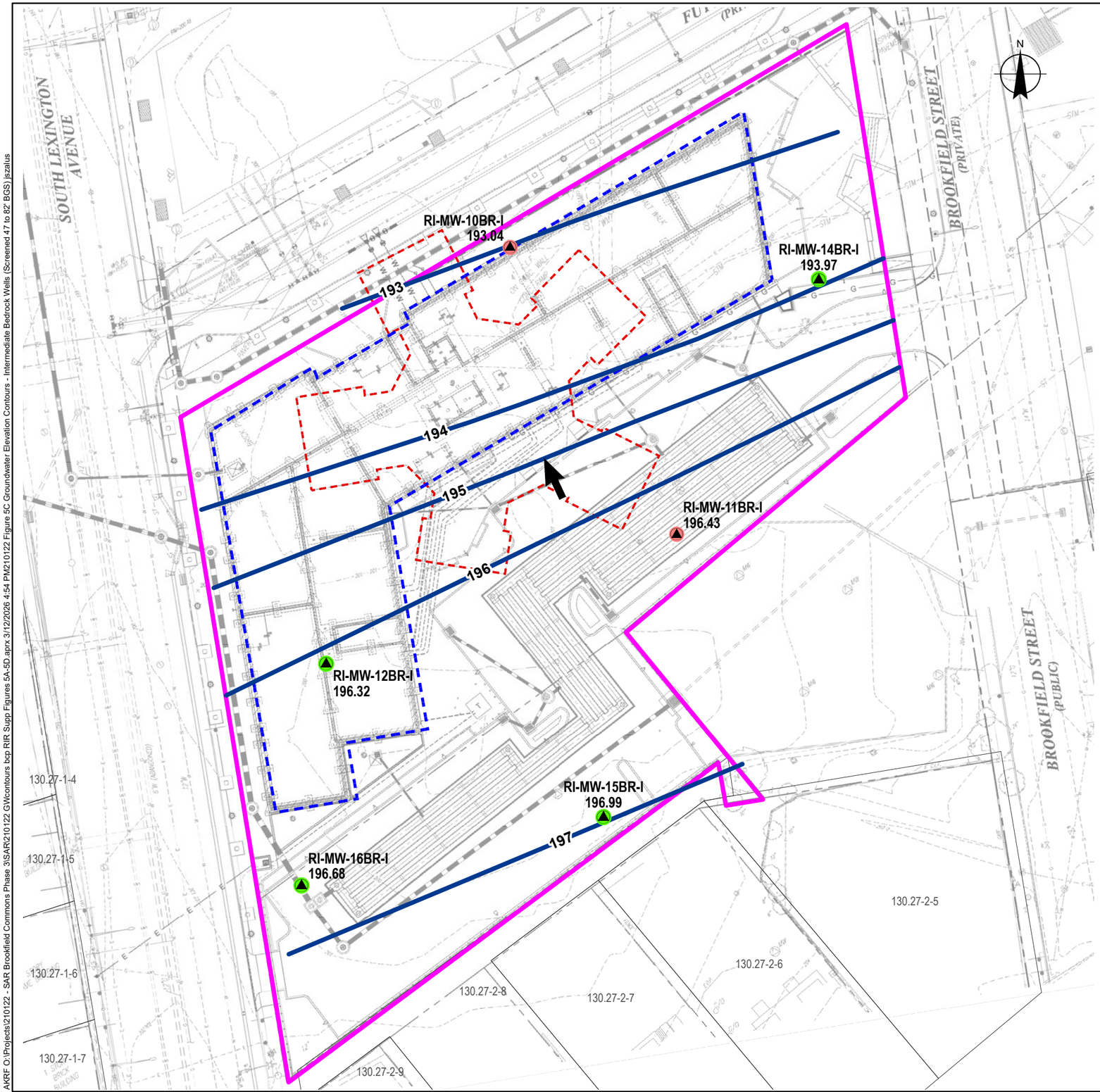
Brookfield Commons Phase 3
White Plains, New York

GROUNDWATER ELEVATION CONTOURS - SHALLOW BEDROCK WELLS (SCREENED 17 TO 52' BGS)

DATE
3/12/2026

PROJECT NO.
210122

FIGURE
5B



LEGEND

- PROJECT SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- SUPPLEMENTAL BEDROCK MONITORING WELL ID
- SECONDARY SUPPLEMENTAL BEDROCK MONITORING WELL ID
- GROUNDWATER ELEVATION IN FEET (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION

Monitoring Well	Top of Cap Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-10BR-I	198.10	197.80	4.76	193.04
RI-MW-11BR-I	201.34	201.07	4.64	196.43
RI-MW-12BR-I	199.96	199.65	3.33	196.32
RI-MW-14BR-I	200.14	199.68	5.71	193.97
RI-MW-15BR-I	200.04	199.74	2.75	196.99
RI-MW-16BR-I	200.61	200.40	3.72	196.68

Notes:

[1]Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).

[2]Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

[3]Elevation data for RI-MW-09BR-I excluded from contour map..

0 20 40 80

SCALE IN FEET

akrf
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White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

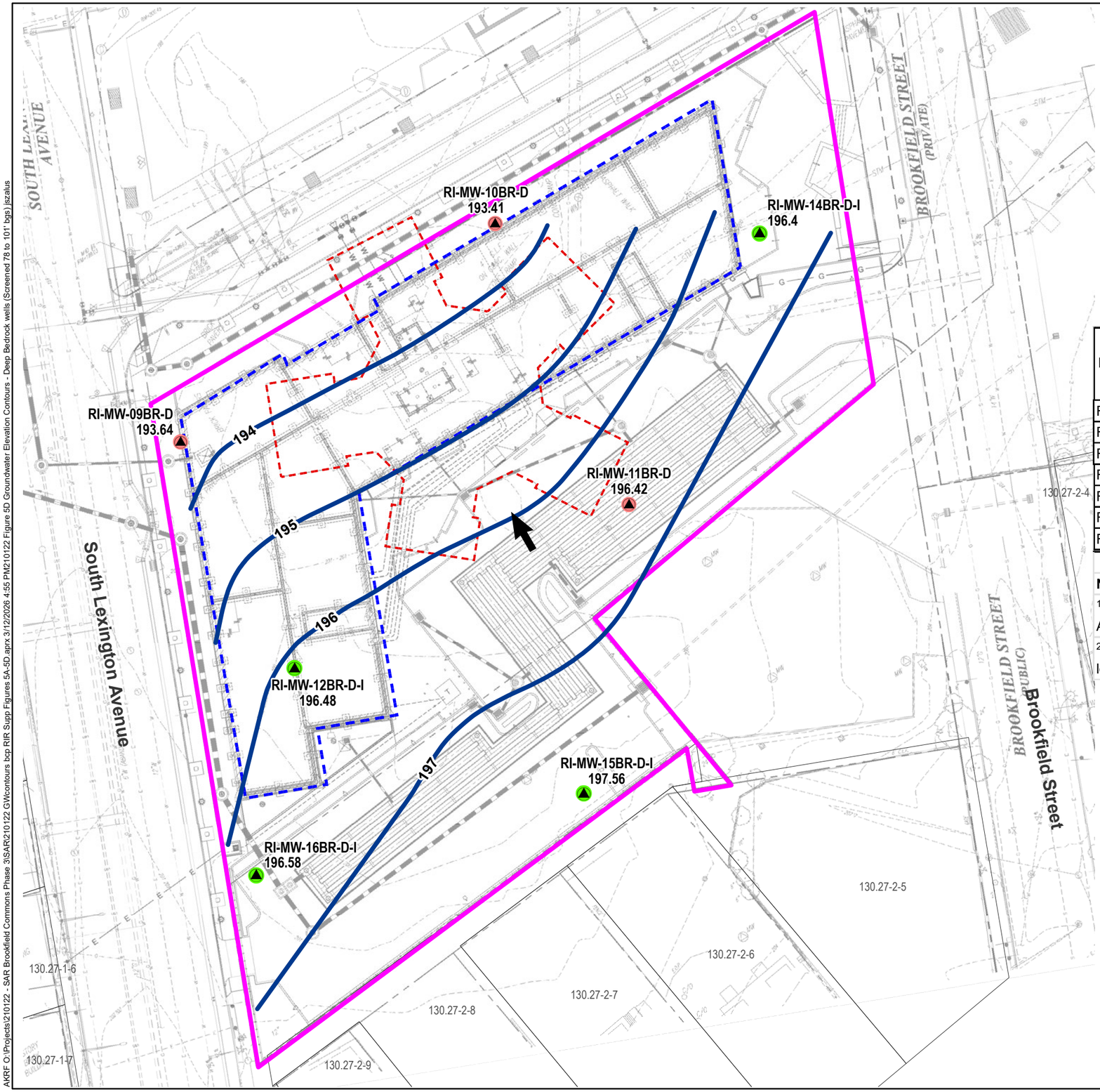
GROUNDWATER ELEVATION CONTOURS - INTERMEDIATE BEDROCK WELLS (SCREENED 47 TO 82' BGS)

DATE
3/12/2026

PROJECT NO.
210122

FIGURE
5C

AKRF O:\Projects\210122 - SAR Brookfield Commons Phase 3\SAR\210122 GWcontours bcp RIR Supp Figures 5A-5D.aprx 3/12/2026 4:54 PM210122 Figure 5C Groundwater Elevation Contours - Intermediate Bedrock Wells (Screened 47 to 82' BGS) jszalus



LEGEND

- PROJECT SITE BOUNDARY
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- GROUNDWATER ELEVATION IN FEET (NAVD 88)
- INFERRED GROUNDWATER FLOW DIRECTION (DEEP)

Monitoring Well	Top of Cap Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-09BR-D	200.40	199.95	6.31	193.64
RI-MW-10BR-D	198.02	197.77	4.36	193.41
RI-MW-11BR-D	201.11	200.89	4.47	196.42
RI-MW-12BR-D-I	199.99	199.67	3.19	196.48
RI-MW-14BR-D-I	199.95	199.71	3.31	196.40
RI-MW-15BR-D-I	199.97	199.82	2.26	197.56
RI-MW-16BR-D-I	200.86	200.60	4.02	196.58

Notes:

[1]Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).

[2]Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

0 20 40 80

SCALE IN FEET

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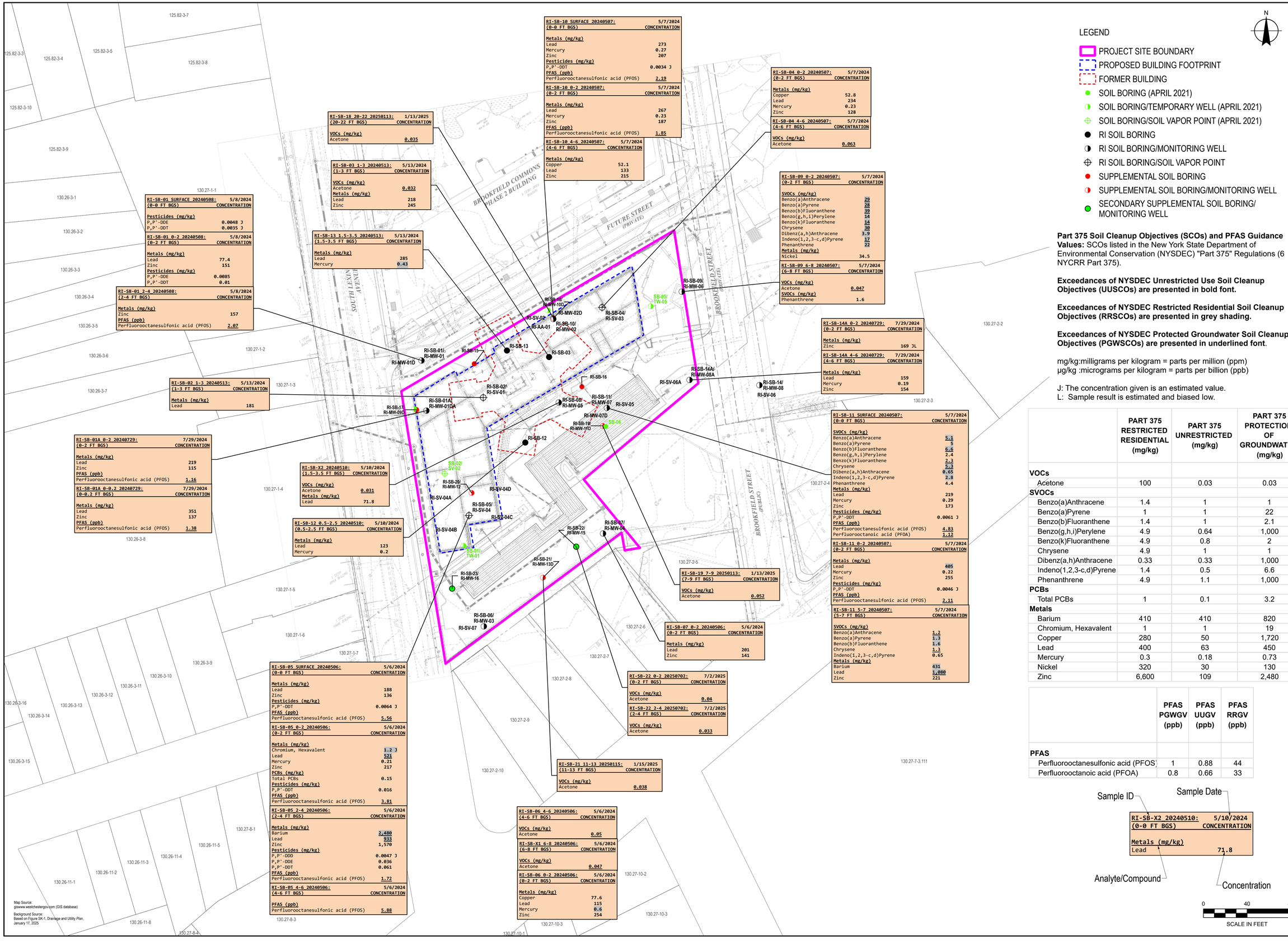
Brookfield Commons Phase 3
White Plains, New York

GROUNDWATER CONTOURS - DEEP BEDROCK WELLS (SCREENED 78 TO 101' BGS)

DATE
3/12/2026

PROJECT NO.
210122

FIGURE
5D



Part 375 Soil Cleanup Objectives (SCOs) and PFAS Guidance Values: 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.

Exceedances of NYSDEC Protected Groundwater Soil Cleanup Objectives (PGWSCOs) are presented in underlined font.

mg/kg:milligrams per kilogram = parts per million (ppm)
µg/kg :micrograms per kilogram = parts per billion (ppb)

J: The concentration given is an estimated value.
L: Sample result is estimated and biased low.

	PART 375 RESTRICTED RESIDENTIAL (mg/kg)	PART 375 UNRESTRICTED (mg/kg)	PART 375 PROTECTION OF GROUNDWATER (mg/kg)
VOCs			
Acetone	100	0.03	0.03
SVOCs			
Benzo(a)Anthracene	1.4	1	1
Benzo(a)Pyrene	1	1	22
Benzo(b)Fluoranthene	1.4	1	2.1
Benzo(g,h,i)Perylene	4.9	0.64	1,000
Benzo(k)Fluoranthene	4.9	0.8	2
Chrysene	4.9	1	1
Dibenz(a,h)Anthracene	0.33	0.33	1,000
Indeno(1,2,3-c,d)Pyrene	1.4	0.5	6.6
Phenanthrene	4.9	1.1	1,000
PCBs			
Total PCBs	1	0.1	3.2
Metals			
Barium	410	410	820
Chromium, Hexavalent	1	1	19
Copper	280	50	1,720
Lead	400	63	450
Mercury	0.3	0.18	0.73
Nickel	320	30	130
Zinc	6,600	109	2,480

	PFAS PGWGV (ppb)	PFAS UUGV (ppb)	PFAS RRGV (ppb)
PFAS			
Perfluorooctanesulfonic acid (PFOS)	1	0.88	44
Perfluorooctanoic acid (PFOA)	0.8	0.66	33

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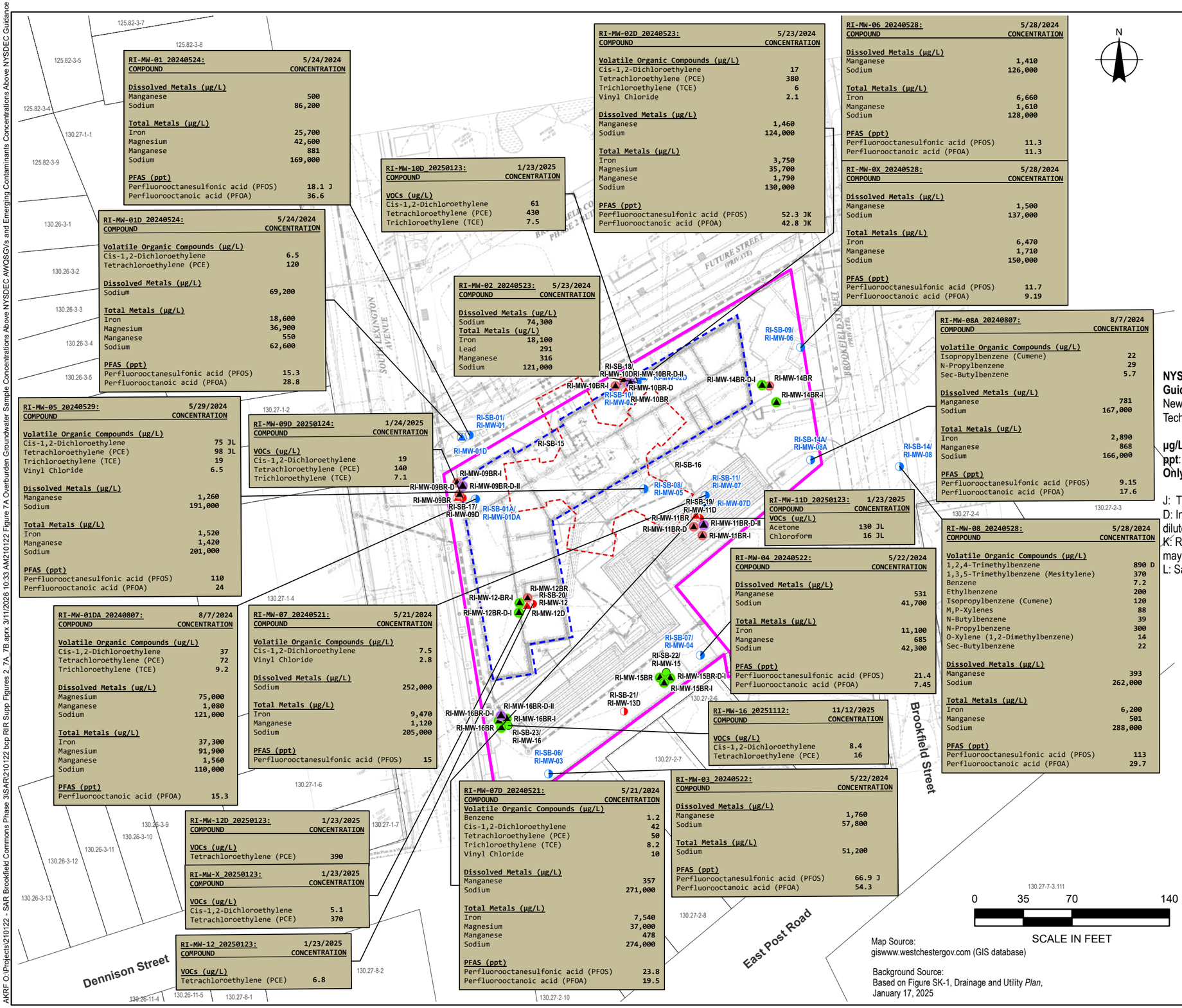
Brookfield Commons Phase 3
White Plains, New York

Soil Sample Concentrations Above NYSDEC UUSCOs, RRSCOs, and/or PGWSCOs and PFAS Guidance Values

DATE
12/1/2025

PROJECT NO.
210122

FIGURE
6



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

µg/L: micrograms per Liter = parts per billion (ppb)
ppt: parts per trillion
Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

J: The reported value is estimated.
D: Indicates an identified compound in an analysis that has been diluted.
K: Reported concentration value is proportional to dilution factor and may be exaggerated.
L: Sample result is estimated and biased low.

	NYSDEC AWQSGVs µg/l
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	5
1,3,5-Trimethylbenzene (Mesitylene)	5
Benzene	1
Cis-1,2-Dichloroethylene	5
Ethylbenzene	5
N-Butylbenzene	5
N-Propylbenzene	5
O-Xylene (1,2-Dimethylbenzene)	5
Sec-Butylbenzene	5
Tetrachloroethylene (PCE)	5
Trichloroethylene (TCE)	5
Vinyl Chloride	2
Xylenes, M,P	5
Metals	
Iron	300
Lead	25
Magnesium	35,000
Manganese	300
Sodium	20,000

	PFAS Groundwater ppt
PFAS	
Perfluorooctanesulfonic acid (PFOS)	2.7
Perfluorooctanoic acid (PFOA)	6.7

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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

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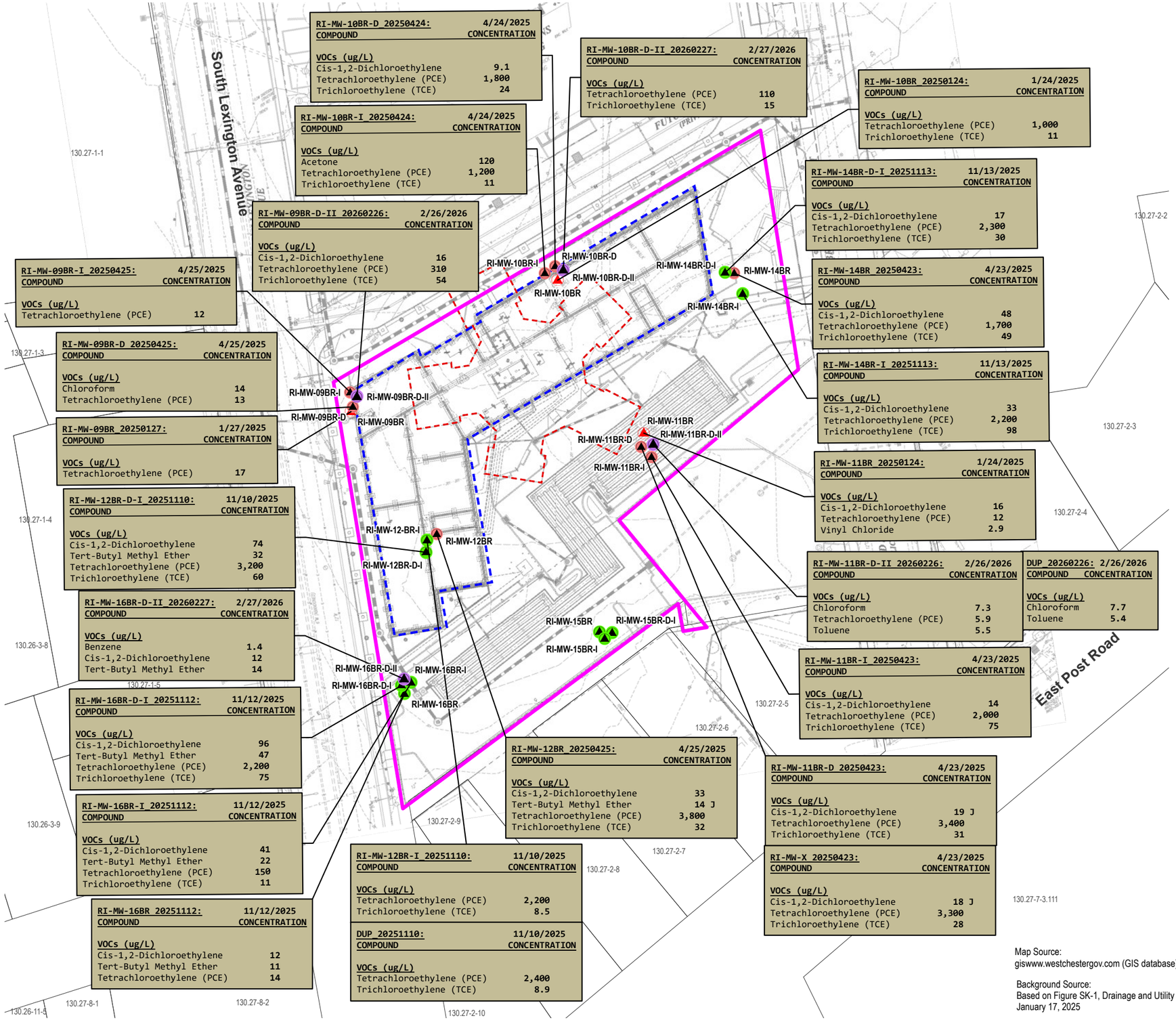
Brookfield Commons Phase 3
White Plains, New York

OVERBURDEN GROUNDWATER SAMPLE CONCENTRATIONS ABOVE AWQSGVS AND EMERGING CONTAMINANTS CONCENTRATIONS ABOVE NYSDEC GUIDANCE VALUES

DATE
3/11/2026
PROJECT NO.
210122
FIGURE
7A



RI-MW-10BR-D_20250424: 4/24/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	9.1
Tetrachloroethylene (PCE)	1,800
Trichloroethylene (TCE)	24

RI-MW-10BR-I_20250424: 4/24/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Acetone	120
Tetrachloroethylene (PCE)	1,200
Trichloroethylene (TCE)	11

RI-MW-09BR-D-II_20260226: 2/26/2026

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	16
Tetrachloroethylene (PCE)	310
Trichloroethylene (TCE)	54

RI-MW-09BR-I_20250425: 4/25/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	12

RI-MW-09BR-D_20250425: 4/25/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Chloroform	14
Tetrachloroethylene (PCE)	13

RI-MW-09BR_20250127: 1/27/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	17

RI-MW-12BR-D-I_20251110: 11/10/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	74
Tert-Butyl Methyl Ether	32
Tetrachloroethylene (PCE)	3,200
Trichloroethylene (TCE)	60

RI-MW-16BR-D-II_20260227: 2/27/2026

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Benzene	1.4
Cis-1,2-Dichloroethylene	12
Tert-Butyl Methyl Ether	14

RI-MW-16BR-D-I_20251112: 11/12/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	96
Tert-Butyl Methyl Ether	47
Tetrachloroethylene (PCE)	2,200
Trichloroethylene (TCE)	75

RI-MW-16BR-I_20251112: 11/12/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	41
Tert-Butyl Methyl Ether	22
Tetrachloroethylene (PCE)	150
Trichloroethylene (TCE)	11

RI-MW-16BR_20251112: 11/12/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	12
Tert-Butyl Methyl Ether	11
Tetrachloroethylene (PCE)	14

RI-MW-10BR-D-II_20260227: 2/27/2026

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	110
Trichloroethylene (TCE)	15

RI-MW-10BR_20250124: 1/24/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	1,000
Trichloroethylene (TCE)	11

RI-MW-14BR-D-I_20251113: 11/13/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	17
Tetrachloroethylene (PCE)	2,300
Trichloroethylene (TCE)	30

RI-MW-14BR_20250423: 4/23/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	48
Tetrachloroethylene (PCE)	1,700
Trichloroethylene (TCE)	49

RI-MW-14BR-I_20251113: 11/13/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	33
Tetrachloroethylene (PCE)	2,200
Trichloroethylene (TCE)	98

RI-MW-11BR_20250124: 1/24/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	16
Tetrachloroethylene (PCE)	12
Vinyl Chloride	2.9

RI-MW-11BR-D-II_20260226: 2/26/2026

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Chloroform	7.3
Tetrachloroethylene (PCE)	5.9
Toluene	5.5

DUP_20260226: 2/26/2026

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Chloroform	7.7
Toluene	5.4

RI-MW-11BR-I_20250423: 4/23/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	14
Tetrachloroethylene (PCE)	2,000
Trichloroethylene (TCE)	75

RI-MW-12BR_20250425: 4/25/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	33
Tert-Butyl Methyl Ether	14 J
Tetrachloroethylene (PCE)	3,800
Trichloroethylene (TCE)	32

RI-MW-12BR-I_20251110: 11/10/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	2,200
Trichloroethylene (TCE)	8.5

DUP_20251110: 11/10/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	2,400
Trichloroethylene (TCE)	8.9

RI-MW-11BR-D_20250423: 4/23/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	19 J
Tetrachloroethylene (PCE)	3,400
Trichloroethylene (TCE)	31

RI-MW-X_20250423: 4/23/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Cis-1,2-Dichloroethylene	18 J
Tetrachloroethylene (PCE)	3,300
Trichloroethylene (TCE)	28

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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- SUPPLEMENTAL SOIL BORIN/ MONITORING WELL
- SUPPLEMENTAL MONITORING WELL
- SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL SOIL BORING/BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL (ADDENDUM) BEDROCK MONITORING WELL

NYSDEC TOGS Class GA Ambient Water Quality Standard and Guidance Values (AWQSGVs):
New York State Department of Environmental Conservation (NYSDEC)
Technical and Operational Guidance Series (TOGS) (1.1.1):
µg/L: micrograms per Liter = parts per billion (ppb)

Only Exceedances of NYSDEC AWQSGVs are shown in bold font.

	NYSDEC AWQS (µg/L)
Volatile Organic Compounds	
Benzene	1
Chloroform	7
Cis-1,2-Dichloroethylene	5
Tert-Butyl Methyl Ether	10
Tetrachloroethylene (PCE)	5
Toluene	5
Trichloroethylene (TCE)	5
Vinyl Chloride	2

Sample ID — Sample Date

RI-MW-10BR_20250124: 1/24/2025

COMPOUND	CONCENTRATION
VOCs (ug/L)	
Tetrachloroethylene (PCE)	1,000
Trichloroethylene (TCE)	11

Analyte/Compound — Concentration

0 30 60 120
SCALE IN FEET

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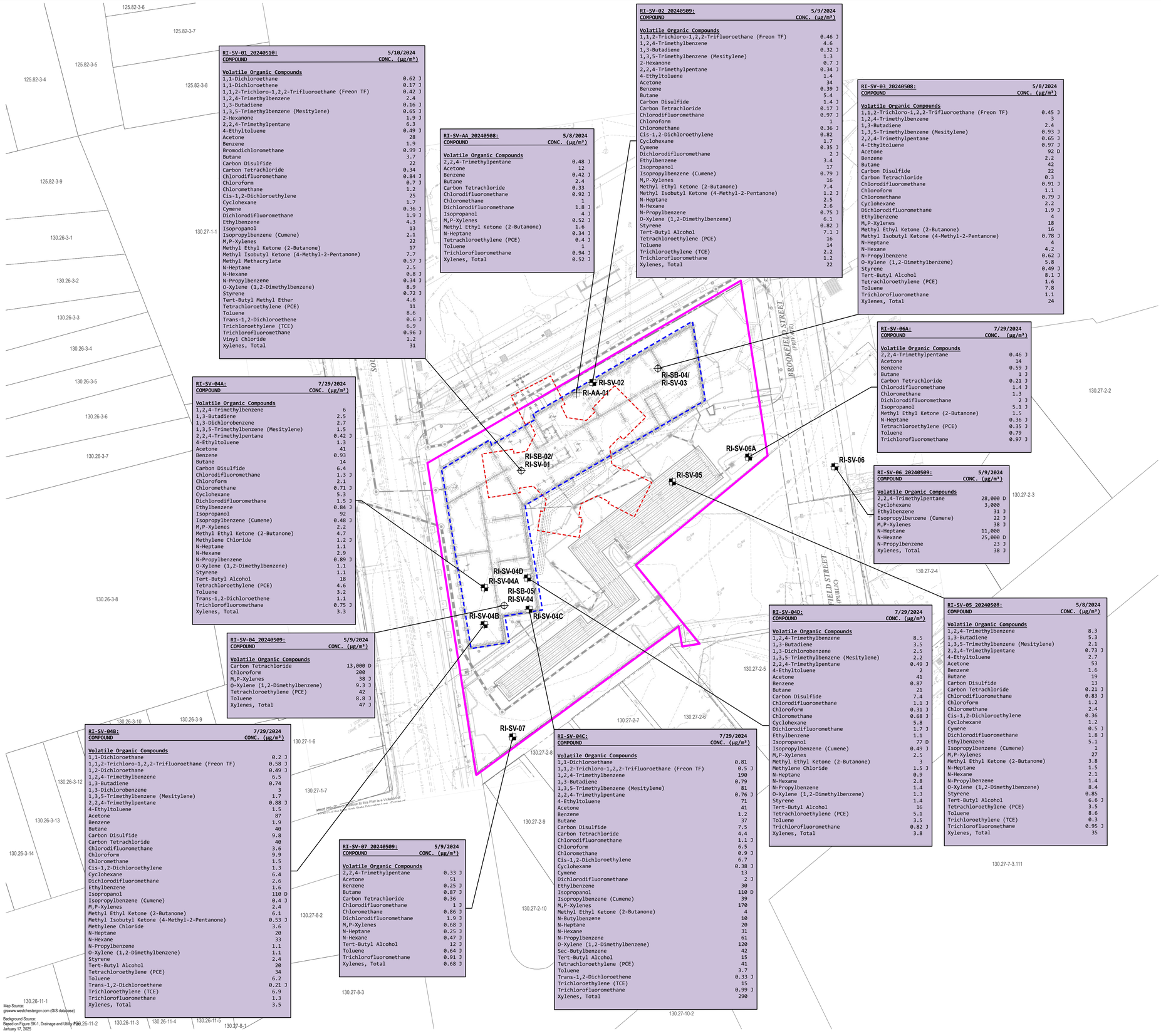
Brookfield Commons Phase 3
White Plains, New York

BEDROCK GROUNDWATER SAMPLE CONCENTRATIONS ABOVE NYSDEC AWQSGVs

DATE
3/11/2026

PROJECT NO.
210122

FIGURE
7B



RI-SV-01 20240510: 5/10/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1-Dichloroethane	0.62 J
1,1-Dichloroethene	0.17 J
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J
1,2,4-Trimethylbenzene	2.4
1,3-Butadiene	0.16 J
1,3,5-Trimethylbenzene (Mesitylene)	0.65 J
2-Hexanone	1.9 J
2,2,4-Trimethylpentane	6.3
4-Ethyltoluene	0.49 J
Acetone	28
Benzene	1.9
Bromodichloromethane	0.99 J
Butane	3.7
Carbon Disulfide	22
Carbon Tetrachloride	0.34
Chlorodifluoromethane	0.84 J
Chloroform	0.7 J
Chloromethane	1.2
Cis-1,2-Dichloroethylene	25
Cyclohexane	1.7
Cymene	0.36 J
Dichlorodifluoromethane	1.9 J
Ethylbenzene	4.3
Isopropanol	13
Isopropylbenzene (Cumene)	2.1
M,P-Xylenes	22
Methyl Ethyl Ketone (2-Butanone)	17
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	7.7
Methyl Methacrylate	0.57 J
N-Heptane	2.5
N-Hexane	0.8 J
N-Propylbenzene	0.34 J
O-Xylene (1,2-Dimethylbenzene)	8.9
Styrene	0.72 J
Tert-Butyl Methyl Ether	4.6
Tetrachloroethylene (PCE)	11
Toluene	8.6
Trans-1,2-Dichloroethene	0.6 J
Trichloroethylene (TCE)	6.9
Trichlorofluoromethane	0.96 J
Vinyl Chloride	1.2
Xylenes, Total	31

RI-SV-AA 20240508: 5/8/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	0.48 J
Acetone	12
Benzene	0.42 J
Butane	2.4
Carbon Tetrachloride	0.33
Chlorodifluoromethane	0.92 J
Chloromethane	1
Dichlorodifluoromethane	1.8 J
Isopropanol	4 J
M,P-Xylenes	0.52 J
Methyl Ethyl Ketone (2-Butanone)	1.6
N-Heptane	0.34 J
Tetrachloroethylene (PCE)	0.4 J
Toluene	1
Trichlorofluoromethane	0.94 J
Xylenes, Total	0.52 J

RI-SV-02 20240509: 5/9/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.46 J
1,2,4-Trimethylbenzene	4.6
1,3-Butadiene	0.32 J
1,3,5-Trimethylbenzene (Mesitylene)	1.3
2-Hexanone	0.7 J
2,2,4-Trimethylpentane	0.34 J
4-Ethyltoluene	1.4
Acetone	34
Benzene	0.39 J
Butane	5.4
Carbon Disulfide	1.4 J
Carbon Tetrachloride	0.17 J
Chlorodifluoromethane	0.97 J
Chloroform	1
Chloromethane	0.36 J
Cis-1,2-Dichloroethylene	0.82
Cyclohexane	1.7
Cymene	0.35 J
Dichlorodifluoromethane	2 J
Ethylbenzene	3.4
Isopropanol	17
Isopropylbenzene (Cumene)	0.79 J
M,P-Xylenes	16
Methyl Ethyl Ketone (2-Butanone)	7.4
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	1.2 J
N-Heptane	2.5
N-Hexane	2.6
N-Propylbenzene	0.75 J
O-Xylene (1,2-Dimethylbenzene)	6.1
Styrene	0.82 J
Tert-Butyl Alcohol	7.1 J
Tetrachloroethylene (PCE)	16
Toluene	14
Trichloroethylene (TCE)	2.2
Trichlorofluoromethane	1.2
Xylenes, Total	22

RI-SV-03 20240508: 5/8/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.45 J
1,2,4-Trimethylbenzene	3
1,3-Butadiene	2.4
1,3,5-Trimethylbenzene (Mesitylene)	0.93 J
2,2,4-Trimethylpentane	0.65 J
4-Ethyltoluene	0.97 J
Acetone	92 D
Benzene	2.2
Butane	42
Carbon Disulfide	22
Carbon Tetrachloride	0.3
Chlorodifluoromethane	0.91 J
Chloroform	1.1
Chloromethane	0.79 J
Cyclohexane	2.2
Dichlorodifluoromethane	1.9 J
Ethylbenzene	4
M,P-Xylenes	18
Methyl Ethyl Ketone (2-Butanone)	16
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.78 J
N-Heptane	4
N-Hexane	4.2
N-Propylbenzene	0.62 J
O-Xylene (1,2-Dimethylbenzene)	5.8
Styrene	0.49 J
Tert-Butyl Alcohol	8.1 J
Tetrachloroethylene (PCE)	1.6
Toluene	7.8
Trichlorofluoromethane	1.1
Xylenes, Total	24

RI-SV-06A: 7/29/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	0.46 J
Acetone	14
Benzene	0.59 J
Butane	1 J
Carbon Tetrachloride	0.21 J
Chlorodifluoromethane	1.4 J
Chloromethane	1.3
Dichlorodifluoromethane	2 J
Isopropanol	5.1 J
Methyl Ethyl Ketone (2-Butanone)	1.5
N-Heptane	0.36 J
Tetrachloroethylene (PCE)	0.35 J
Toluene	0.79
Trichlorofluoromethane	0.97 J

RI-SV-06 20240509: 5/9/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	28,000 D
Cyclohexane	3,000
Ethylbenzene	31 J
Isopropylbenzene (Cumene)	22 J
M,P-Xylenes	38 J
N-Heptane	11,000
N-Hexane	25,000 D
N-Propylbenzene	23 J
Xylenes, Total	38 J

RI-SV-04A: 7/29/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	6
1,3-Butadiene	2.5
1,3-Dichlorobenzene	2.7
1,3,5-Trimethylbenzene (Mesitylene)	1.5
2,2,4-Trimethylpentane	0.42 J
4-Ethyltoluene	1.3
Acetone	41
Benzene	0.93
Butane	14
Carbon Disulfide	6.4
Chlorodifluoromethane	1.3 J
Chloroform	2.1
Chloromethane	0.71 J
Cyclohexane	5.3
Dichlorodifluoromethane	1.5 J
Ethylbenzene	0.84 J
Isopropanol	92
Isopropylbenzene (Cumene)	0.48 J
M,P-Xylenes	2.2
Methyl Ethyl Ketone (2-Butanone)	4.7
Methylene Chloride	1.2 J
N-Heptane	1.1
N-Hexane	2.9
N-Propylbenzene	0.89 J
O-Xylene (1,2-Dimethylbenzene)	1.1
Styrene	1.1
Tert-Butyl Alcohol	18
Tetrachloroethylene (PCE)	4.6
Toluene	3.2
Trans-1,2-Dichloroethene	1.1
Trichlorofluoromethane	0.75 J
Xylenes, Total	3.3

RI-SV-04 20240509: 5/9/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
Carbon Tetrachloride	13,000 D
Chloroform	200
M,P-Xylenes	38 J
O-Xylene (1,2-Dimethylbenzene)	9.3 J
Tetrachloroethylene (PCE)	42
Toluene	8.8 J
Xylenes, Total	47 J

RI-SV-04D: 7/29/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	8.5
1,3-Butadiene	3.5
1,3-Dichlorobenzene	2.5
1,3,5-Trimethylbenzene (Mesitylene)	2.2
2,2,4-Trimethylpentane	0.49 J
4-Ethyltoluene	2
Acetone	41
Benzene	0.87
Butane	21
Carbon Disulfide	7.4
Chlorodifluoromethane	1.1 J
Chloroform	0.31 J
Chloromethane	0.68 J
Cyclohexane	5.8
Dichlorodifluoromethane	1.7 J
Ethylbenzene	1.1
Isopropanol	77 D
Isopropylbenzene (Cumene)	0.49 J
M,P-Xylenes	2.5
Methyl Ethyl Ketone (2-Butanone)	3
Methylene Chloride	1.5 J
N-Heptane	0.9
N-Hexane	2.8
N-Propylbenzene	1.4
O-Xylene (1,2-Dimethylbenzene)	1.3
Styrene	1.4
Tert-Butyl Alcohol	16
Tetrachloroethylene (PCE)	5.1
Toluene	3.5
Trichlorofluoromethane	0.82 J
Xylenes, Total	3.8

RI-SV-05 20240508: 5/8/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,2,4-Trimethylbenzene	8.3
1,3-Butadiene	5.3
1,3,5-Trimethylbenzene (Mesitylene)	2.1
2,2,4-Trimethylpentane	0.73 J
4-Ethyltoluene	2.7
Acetone	53
Benzene	1.6
Butane	19
Carbon Disulfide	13
Carbon Tetrachloride	0.21 J
Chlorodifluoromethane	0.83 J
Chloroform	1.2
Chloromethane	2.4
Cis-1,2-Dichloroethylene	0.36
Cyclohexane	1.2
Cymene	0.5 J
Dichlorodifluoromethane	1.8 J
Ethylbenzene	5.1
Isopropylbenzene (Cumene)	1
M,P-Xylenes	27
Methyl Ethyl Ketone (2-Butanone)	3.8
N-Heptane	1.5
N-Hexane	2.1
N-Propylbenzene	1.4
O-Xylene (1,2-Dimethylbenzene)	8.4
Styrene	0.85
Tert-Butyl Alcohol	6.6 J
Tetrachloroethylene (PCE)	3.5
Toluene	8.6
Trichloroethylene (TCE)	0.3
Trichlorofluoromethane	0.95 J
Xylenes, Total	35

RI-SV-04B: 7/29/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1-Dichloroethane	0.2 J
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.58 J
1,2-Dichloroethane	0.49 J
1,2,4-Trimethylbenzene	6.5
1,3-Butadiene	0.74
1,3-Dichlorobenzene	3
1,3,5-Trimethylbenzene (Mesitylene)	1.7
2,2,4-Trimethylpentane	0.88 J
4-Ethyltoluene	1.5
Acetone	87
Benzene	1.9
Butane	40
Carbon Disulfide	9.8
Carbon Tetrachloride	40
Chlorodifluoromethane	3.6
Chloroform	9.9
Chloromethane	1.5
Cis-1,2-Dichloroethylene	1.3
Cyclohexane	6.4
Dichlorodifluoromethane	2.6
Ethylbenzene	1.6
Isopropanol	110 D
Isopropylbenzene (Cumene)	0.4 J
M,P-Xylenes	2.4
Methyl Ethyl Ketone (2-Butanone)	6.1
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	0.53 J
Methylene Chloride	3.6
N-Heptane	20
N-Hexane	33
N-Propylbenzene	1.1
O-Xylene (1,2-Dimethylbenzene)	1.1
Styrene	2.4
Tert-Butyl Alcohol	20
Tetrachloroethylene (PCE)	34
Toluene	6.2
Trans-1,2-Dichloroethene	0.21 J
Trichloroethylene (TCE)	6.9
Trichlorofluoromethane	1.3
Xylenes, Total	3.5

RI-SV-04C: 7/29/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
1,1-Dichloroethane	0.81
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.5 J
1,2,4-Trimethylbenzene	190
1,3-Butadiene	0.79
1,3,5-Trimethylbenzene (Mesitylene)	81
2,2,4-Trimethylpentane	0.76 J
4-Ethyltoluene	71
Acetone	41
Benzene	1.2
Butane	37
Carbon Disulfide	7.5
Carbon Tetrachloride	4.4
Chlorodifluoromethane	1.1 J
Chloroform	6.5
Chloromethane	0.9 J
Cis-1,2-Dichloroethylene	6.7
Cyclohexane	0.38 J
Cymene	13
Dichlorodifluoromethane	2 J
Ethylbenzene	30
Isopropanol	110 D
Isopropylbenzene (Cumene)	39
M,P-Xylenes	170
Methyl Ethyl Ketone (2-Butanone)	4
N-Butylbenzene	10
N-Heptane	20
N-Hexane	31
N-Propylbenzene	61
O-Xylene (1,2-Dimethylbenzene)	120
Sec-Butylbenzene	42
Tert-Butyl Alcohol	15
Tetrachloroethylene (PCE)	41
Toluene	3.7
Trans-1,2-Dichloroethene	0.33 J
Trichloroethylene (TCE)	15
Trichlorofluoromethane	0.99 J
Xylenes, Total	290

RI-SV-07 20240509: 5/9/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
2,2,4-Trimethylpentane	0.33 J
Acetone	51
Benzene	0.25 J
Butane	0.87 J
Carbon Tetrachloride	0.36
Chlorodifluoromethane	1 J
Chloromethane	0.86 J
Dichlorodifluoromethane	1.9 J
M,P-Xylenes	0.68 J
N-Heptane	0.25 J
N-Hexane	0.47 J
Tert-Butyl Alcohol	12 J
Toluene	0.64 J
Trichlorofluoromethane	0.91 J
Xylenes, Total	0.68 J

LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLE

SOIL VAPOR

µg/m³- micrograms per cubic meter

D: Analyte concentration obtained from dilution.
J: The reported value is estimated.

Sample ID — Sample Date

RI-SV-04 20240509: 5/9/2024

COMPOUND	CONC. (µg/m³)
Volatile Organic Compounds	
Carbon Tetrachloride	13,000 D
Chloroform	200
M,P-Xylenes	38 J
O-Xylene (1,2-Dimethylbenzene)	9.3 J
Tetrachloroethylene (PCE)	42
Toluene	8.8 J
Xylenes, Total	47 J

Analyte/Compound — Concentration

0 20 40 80
SCALE IN FEET

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

Background Source:
Based on Figure SK-1, Drainage and Utility Plan, January 17, 2025

akrf
34 South Broadway, Suite 300
White Plains, NY 10601

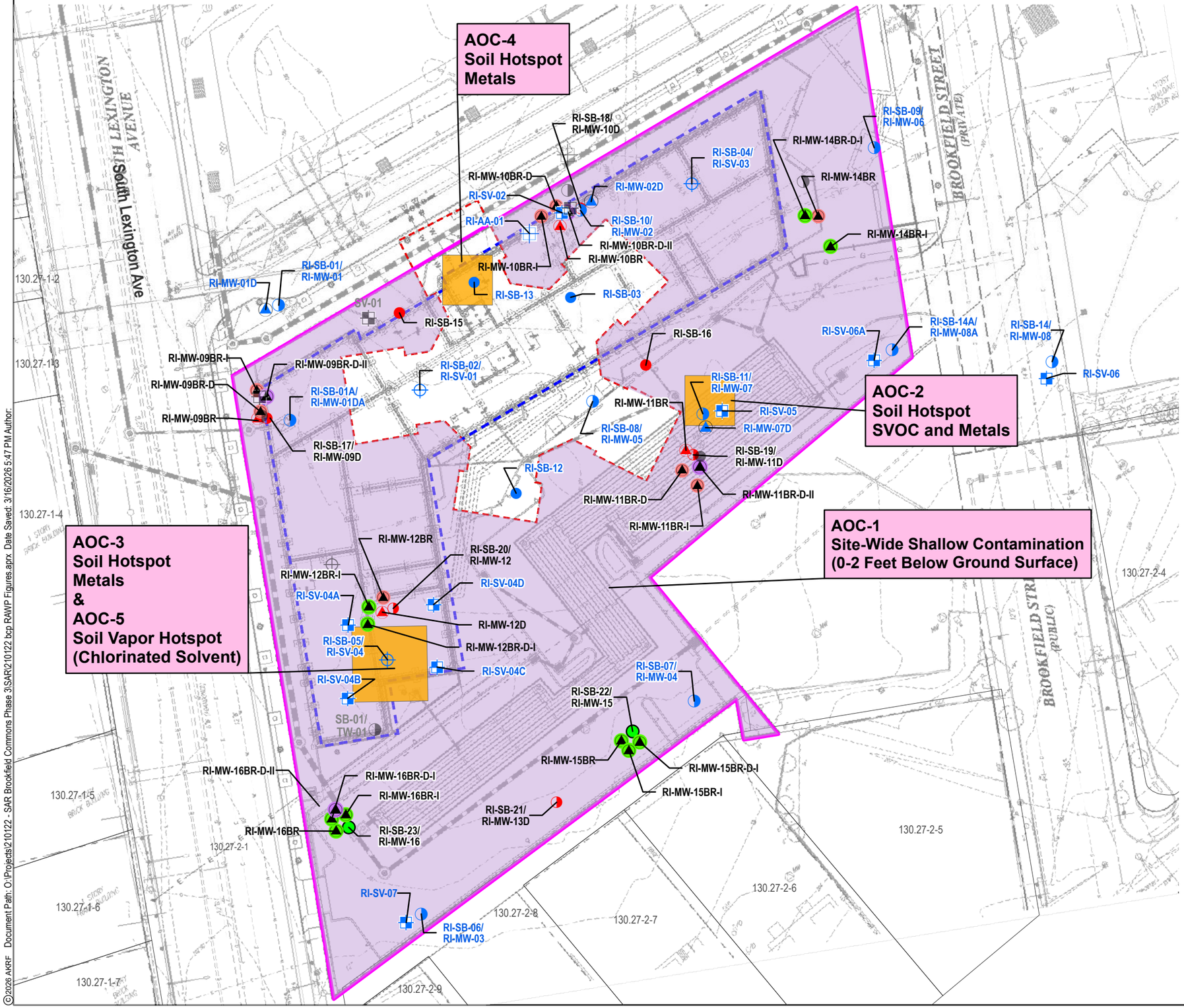
Brookfield Commons Phase 3
White Plains, New York

Soil Vapor Detections

DATE
12/1/2025

PROJECT NO.
210122

FIGURE
8



LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- SOIL BORING (APRIL 2021)
- SOIL BORING/TEMPORARY WELL (APRIL 2021)
- SOIL BORING/SOIL VAPOR POINT (APRIL 2021)
- SOIL VAPOR POINT (APRIL 2021)
- AMBIENT AIR SAMPLE LOCATION (APRIL 2021)
- RI SOIL BORING
- RI MONITORING WELL
- RI SOIL BORING/MONITORING WELL
- RI SOIL BORING/SOIL VAPOR POINT
- RI SOIL VAPOR POINT
- RI AMBIENT AIR SAMPLE
- SUPPLEMENTAL SOIL BORING
- SUPPLEMENTAL SOIL BORING/ MONITORING WELL
- SUPPLEMENTAL MONITORING WELL
- SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL SOIL BORING/MONITORING WELL
- SECONDARY SUPPLEMENTAL BEDROCK MONITORING WELL
- SECONDARY SUPPLEMENTAL (ADDENDUM) BEDROCK MONITORING WELL
- AOCS (2, 4, 3 & 5)
- AOC 1 EXTENT OF SOIL REMOVAL

0 20 40 80

SCALE IN FEET

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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

akrf
34 South Broadway, Suite 300
White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

PROPOSED REMEDIAL EXCAVATION PLAN

DATE
3/16/2026

PROJECT NO.
210122

FIGURE
9

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LEGEND

- PROJECT SITE BOUNDARY
- LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- PROPOSED BUILDING FOOTPRINT
- FORMER BUILDING
- ALPHANUMERIC GRID
- AOCS (2, 4, 3 & 5)
- AOCS (1 & 7) SITE WIDE
- PROPOSED BOTTOM ENDPOINT SAMPLE LOCATION
- PROPOSED SIDEWALL ENDPOINT SAMPLE LOCATION

0 20 40 80

SCALE IN FEET

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

Aerial Source:
2023 New York Statewide Digital Orthoimagery

akrf

Brookfield Commons Phase 3
White Plains, New York

PROPOSED ENDPOINT SAMPLE LOCATIONS AND ALPHA-NUMERIC GRID

DATE
3/16/2026

PROJECT NO.
210122

FIGURE
10

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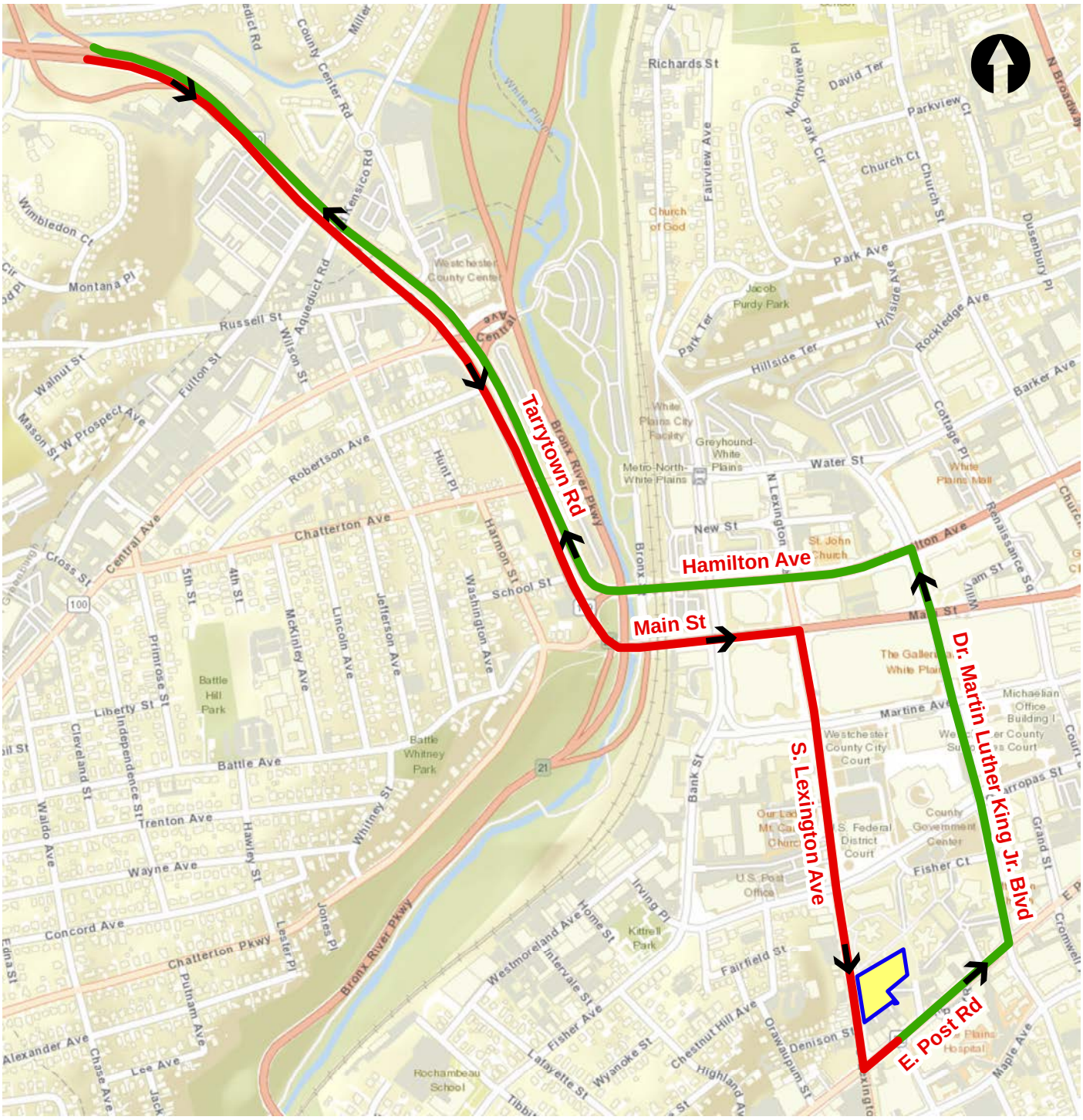


Service Layer Credits:
ESRI World Street Map 2023
City of New York Department of Transportation, April, 2019, New York City Truck Routes: New York City

LEGEND

- PROJECT SITE BOUNDARY
- TRUCK ROUTE TO SITE FROM I-287
- TRUCK ROUTE FROM SITE TO I-287

0 800 1,600

SCALE IN FEET

AKRF

440 Park Avenue South, New York, NY 10016

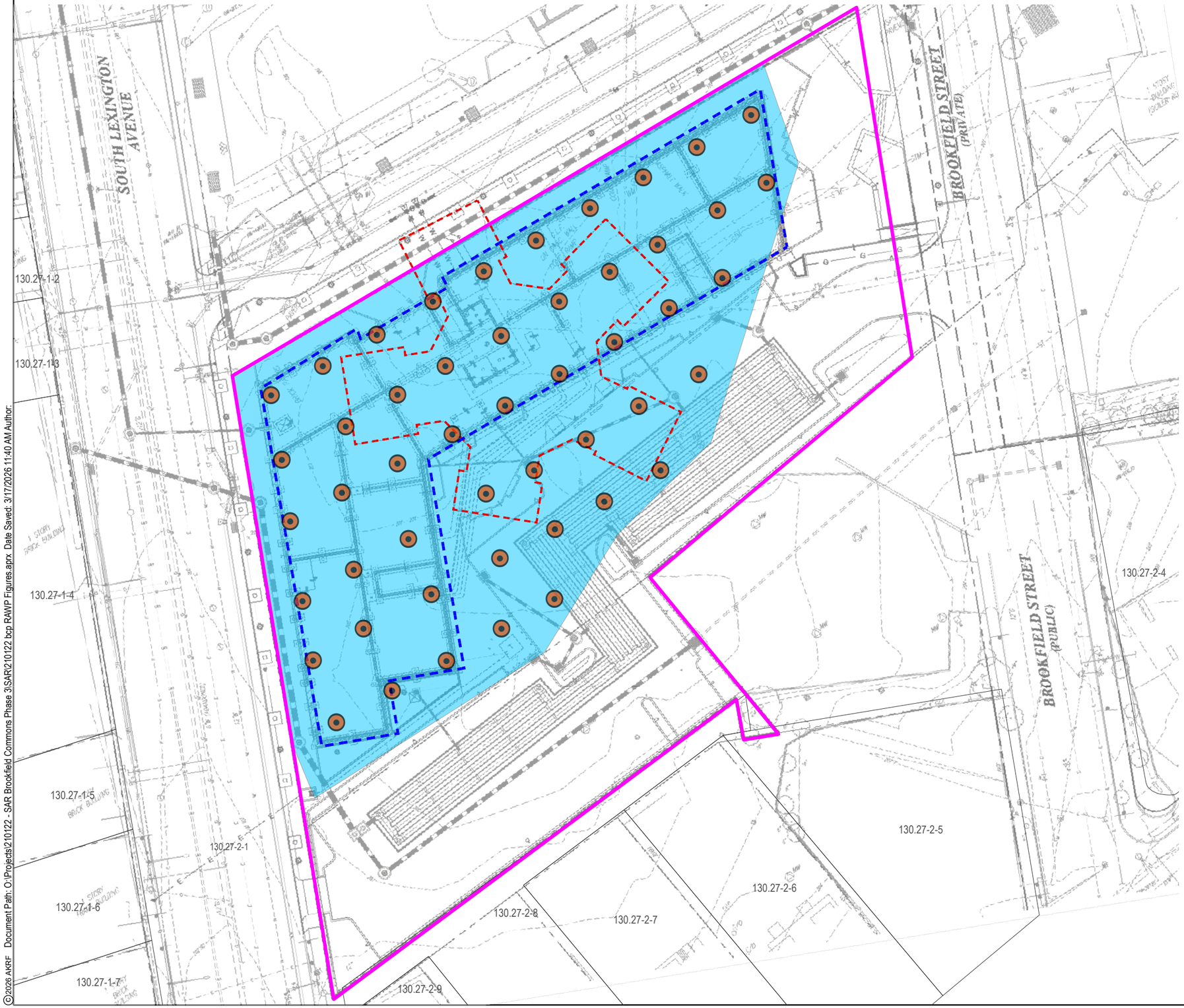
Brookfield Commons Phase 3
White Plains, New York

TRUCK ROUTE MAP

DATE
11/8/2024

PROJECT NO.
210122

FIGURE
11



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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

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34 South Broadway, Suite 300
White Plains, NY 10601

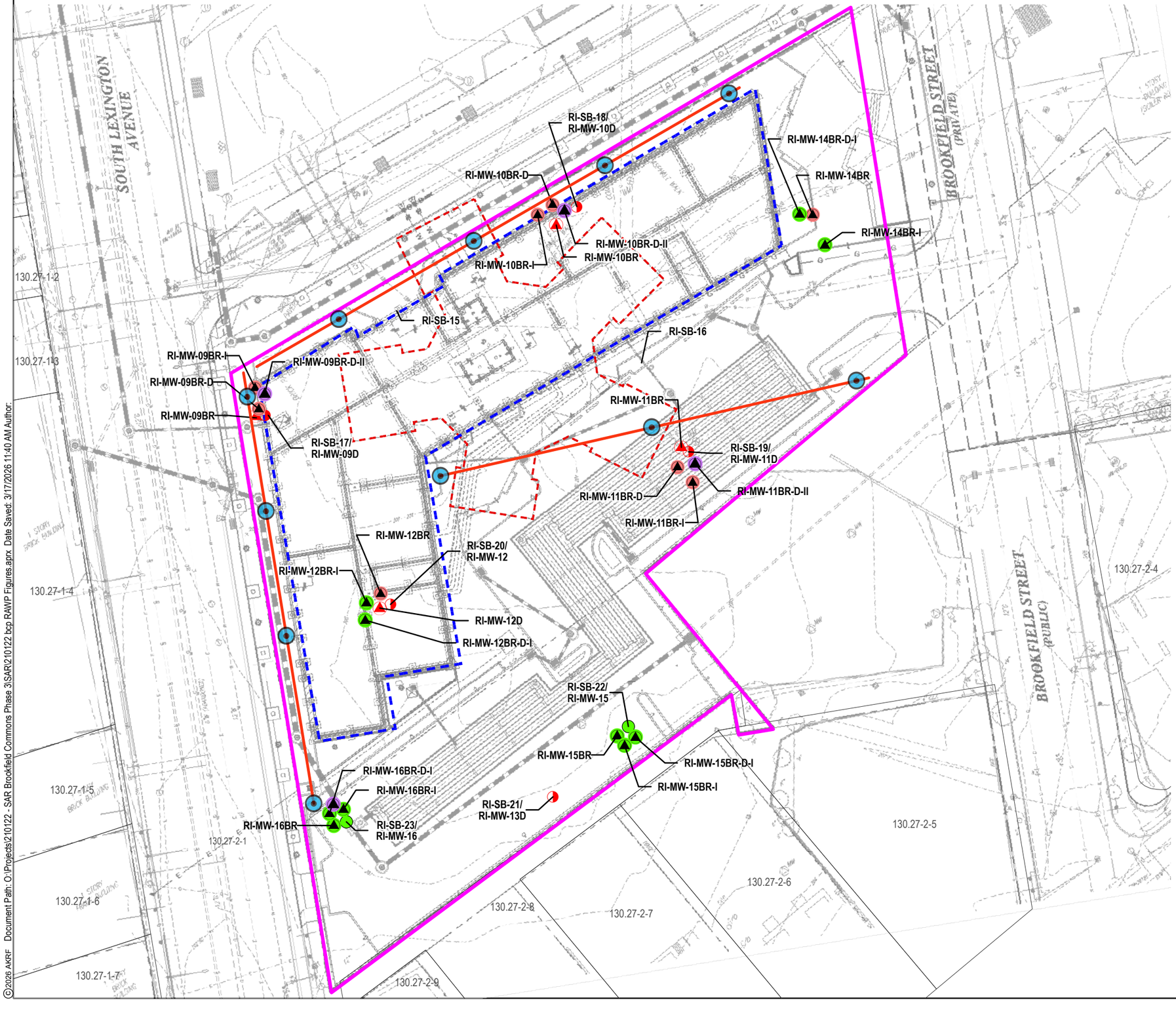
Brookfield Commons Phase 3
White Plains, New York

PROPOSED GROUNDWATER TREATMENT AREA - OVERBURDEN

DATE
3/17/2026

PROJECT NO.
210122

FIGURE
12A



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

Background Source:
Based on Figure SK-1, Drainage and Utility *Plan*, January 17, 2025

akrf
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White Plains, NY 10601

Brookfield Commons Phase 3
White Plains, New York

PROPOSED GROUNDWATER TREATMENT AREA – BEDROCK

DATE
3/17/2026

PROJECT NO.
210122

FIGURE
12B

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LEGEND

- PROJECT SITE BOUNDARY
- 130.27-2-1 — LOT BOUNDARY AND PRINT KEY (BLOCK AND LOT)
- 6-INCH CONCRETE BUILDING SLAB
- SITE COVER ASPHALT/CONCRETE
- SITE COVER LANDSCAPE - MINIMUM 2-FOOT CLEAN SOIL COVER

N

0 25 50 100

SCALE IN FEET

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

Aerial Source:
2023 New York Statewide Digital Orthoimagery

AKRF
34 South Broadway #401
White Plains, NY 10601

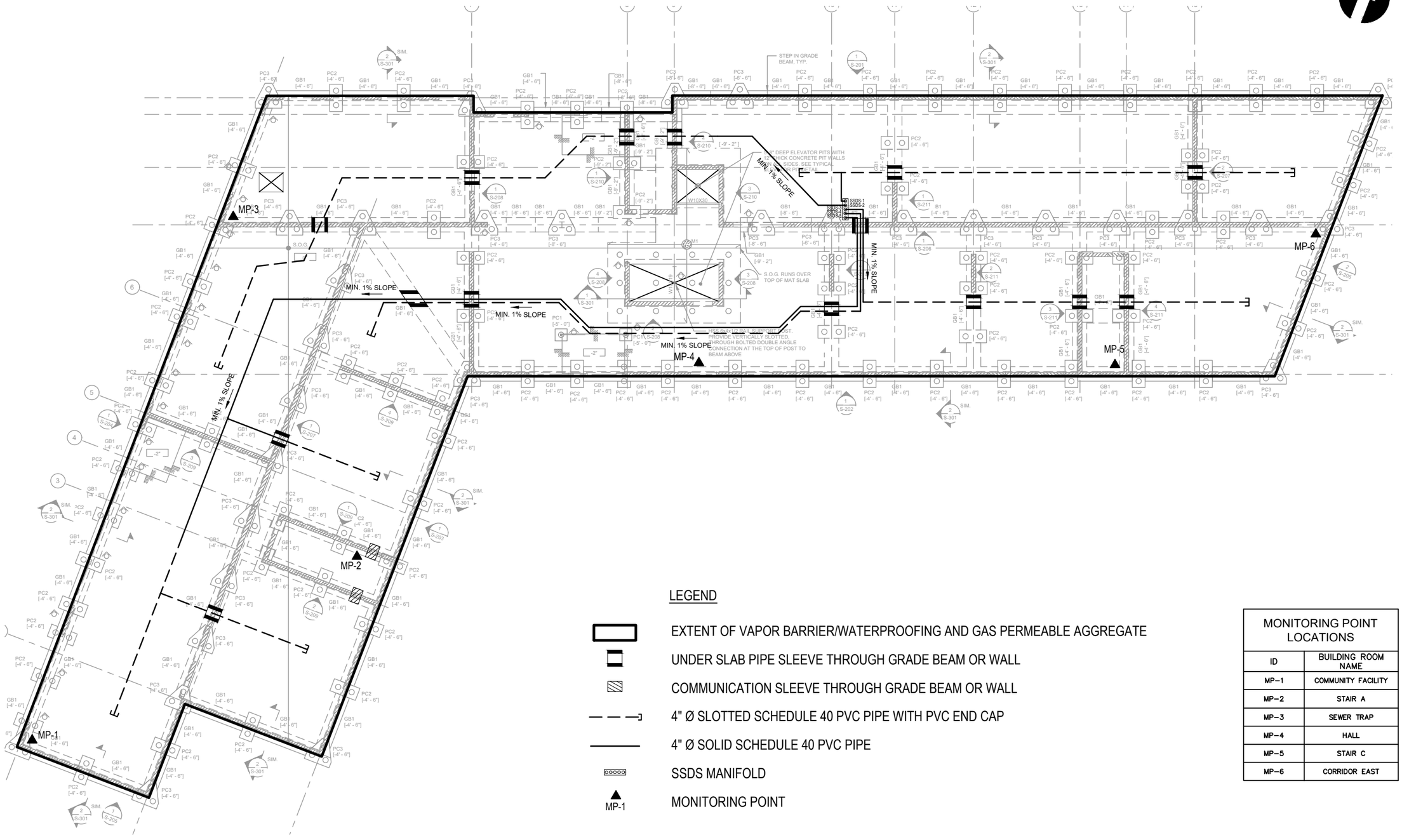
Brookfield Commons Phase 3
White Plains, New York

TRACK 4 CONTINGENCY SITE COVER PLAN

DATE
11/22/2024

PROJECT NO.
210122

FIGURE
13



LEGEND

- EXTENT OF VAPOR BARRIER/WATERPROOFING AND GAS PERMEABLE AGGREGATE
- UNDER SLAB PIPE SLEEVE THROUGH GRADE BEAM OR WALL
- COMMUNICATION SLEEVE THROUGH GRADE BEAM OR WALL
- 4" Ø SLOTTED SCHEDULE 40 PVC PIPE WITH PVC END CAP
- 4" Ø SOLID SCHEDULE 40 PVC PIPE
- SSDS MANIFOLD
- MP-1 MONITORING POINT

MONITORING POINT LOCATIONS	
ID	BUILDING ROOM NAME
MP-1	COMMUNITY FACILITY
MP-2	STAIR A
MP-3	SEWER TRAP
MP-4	HALL
MP-5	STAIR C
MP-6	CORRIDOR EAST

0 10 20 40
SCALE IN FEET

AKRF
440 Park Avenue South, New York, NY 10016

Brookfield Commons Phase 3
White Plains, New York

CONCEPTUAL SSDS PLAN

DATE
11/21/2024

PROJECT NO.
210122

FIGURE
14

TABLES

Table 1
Groundwater Elevation Summary
Brookfield Commons Phase 3
White Plains, NY

Monitoring Well	Top of Cap Elevation (ft.)[1]	Top of Casing Elevation (ft.)	Depth to Water (ft. bgs)[2]	Groundwater Elevation (ft.)
RI-MW-01	198.86	198.64	4.80	194.06
RI-MW-01D	199.08	198.49	5.10	193.98
RI-MW-01DA	201.22	201.01	5.81	195.41
RI-MW-02	198.51	198.29	4.82	193.69
RI-MW-02D	198.53	198.32	4.95	193.58
RI-MW-03	201.46	201.09	3.14	198.32
RI-MW-04	200.08	198.86	3.00	197.08
RI-MW-05	196.83	196.83	3.10	193.73
RI-MW-06	199.84	199.40	5.31	194.53
RI-MW-07	201.24	201.02	5.41	195.83
RI-MW-07D	201.22	200.91	6.21	195.01
RI-MW-08	202.73	202.31	6.10	196.63
RI-MW-08A	201.66	201.53	5.90	195.76

Notes:
[1]Elevation measured in feet (ft.) above mean sea level according to the North American Vertical Datum of 1988 (NAVD88).
[2]Depth to water measured in feet below ground surface (ft. bgs) at each sample location.

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508	RI-SB-02_1-3_20240513
			Lab Sample ID	460-303510-2	460-303510-1	460-303510-5	460-303510-3	460-303510-4	460-303833-2
			Sample Date	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/13/2024
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
2-Hexanone	NS	NS	NS	0.0055 U	0.0065 U	0.0056 U	0.0052 U	0.0048 U	0.0053 U
Acetone	**0.03**	100	0.03	0.0066 U	0.016	0.0067 U	0.018	0.015	0.02
Benzene	0.06	3.7	0.06	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Bromochloromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Bromoform	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 UJ
Bromomethane	NS	NS	NS	0.0022 UJ	0.0026 UJ	0.0022 UJ	0.0021 UJ	0.0019 UJ	0.0021 U
Carbon Disulfide	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00068 J	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 UJ
Chlorobenzene	4.5	100	4.5	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Chloroethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Chloroform	0.37	24	0.37	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Chloromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0005 J
Cis-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Cyclohexane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Ethylbenzene	1	76	1	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
M,P-Xylenes	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Methyl Acetate	NS	NS	NS	0.0055 U	0.0065 U	0.0056 U	0.0052 U	0.0048 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0055 U	0.0065 U	0.0056 U	0.0033 J	0.0034 J	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0055 U	0.0065 U	0.0056 U	0.0052 U	0.0048 U	0.0053 U
Methylcyclohexane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Methylene Chloride	0.05	81	0.05	0.0015 J	0.0026 U	0.0017 J	0.0021 U	0.0019 U	0.0021 U
N-Butylbenzene	18	100	18	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
N-Propylbenzene	5	100	5	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Sec-Butylbenzene	25	100	25	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Styrene	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
T-Butylbenzene	11	100	11	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Toluene	0.7	100	0.7	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	0.0011 U	0.0013 U	0.0011 U	0.001 U	0.00096 U	0.0011 U
Xylenes, Total	0.26	100	1.2	0.0022 U	0.0026 U	0.0022 U	0.0021 U	0.0019 U	0.0021 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-03_1-3_20240513	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506
				Lab Sample ID	460-303833-1	460-303419-9	460-303419-10	460-303359-1	460-303359-2	460-303359-4
				Sample Date	5/13/2024	5/7/2024	5/7/2024	5/6/2024	5/6/2024	5/6/2024
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0013 U	0.0011 UJ	0.001 UJ	0.00091 U	0.0012 U	0.001 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,1,2-Trichloroethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,1-Dichloroethane	0.27	47	0.27		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,2-Dichloropropane	NS	NS	NS		0.0013 U	0.0011 UJ	0.001 UJ	0.00091 UJ	0.0012 UJ	0.001 UJ
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
2-Hexanone	NS	NS	NS		0.0063 U	0.0054 U	0.0052 U	0.0045 U	0.0062 U	0.0051 U
Acetone	**0.03**	100	0.03		**0.032**	0.0065 U	**0.063**	0.0055 U	0.0075 U	0.027
Benzene	0.06	3.7	0.06		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Bromochloromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Bromodichloromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Bromoform	NS	NS	NS		0.0013 UJ	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Bromomethane	NS	NS	NS		0.0025 U	0.0022 U	0.0021 U	0.0018 U	0.0025 U	0.002 U
Carbon Disulfide	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0013 UJ	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Chlorobenzene	4.5	100	4.5		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Chloroethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Chloroform	0.37	24	0.37		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Chloromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0033	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Cyclohexane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Dibromochloromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Dichlorodifluoromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Ethylbenzene	1	76	1		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
M,P-Xylenes	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Methyl Acetate	NS	NS	NS		0.0063 U	0.0054 U	0.0052 U	0.0045 U	0.0062 U	0.0051 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0063 U	0.0054 U	0.016	0.0045 U	0.0062 U	0.0048 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0063 U	0.0054 U	0.0052 U	0.0045 U	0.0062 U	0.0051 U
Methylcyclohexane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Methylene Chloride	0.05	81	0.05		0.0025 U	0.0022 U	0.0018 J	0.0018 U	0.0025 U	0.002 U
N-Butylbenzene	18	100	18		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
N-Propylbenzene	5	100	5		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Sec-Butylbenzene	25	100	25		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Styrene	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
T-Butylbenzene	11	100	11		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0019	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.00057 J
Toluene	0.7	100	0.7		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0005 J	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Trichlorofluoromethane	NS	NS	NS		0.0013 U	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Vinyl Chloride	0.03	0.48	0.03		0.0022	0.0011 U	0.001 U	0.00091 U	0.0012 U	0.001 U
Xylenes, Total	0.26	100	1.2		0.0025 U	0.0022 U	0.0021 U	0.0018 U	0.0025 U	0.002 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506	RI-SB-06_4-6_20240506	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506
				Lab Sample ID	460-303359-3	460-303359-9	460-303359-10	460-303359-11	460-303359-8	460-303359-5
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
1,1,2-Trichloroethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,1-Dichloroethane	0.27	47	0.27		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
1,2-Dichloropropane	NS	NS	NS		0.0017 UJ	0.00094 UJ	0.0011 UJ	0.00088 UJ	0.0017 UJ	0.00094 UJ
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
2-Hexanone	NS	NS	NS		0.0084 U	0.0047 U	0.0053 U	0.0044 U	0.0085 U	0.0047 U
Acetone	**0.03**	100	0.03		0.01 U	0.0056 U	**0.05**	0.025	**0.047**	0.0057 U
Benzene	0.06	3.7	0.06		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Bromochloromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Bromodichloromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Bromoform	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Bromomethane	NS	NS	NS		0.0033 U	0.0019 U	0.0021 U	0.0018 U	0.0034 U	0.0019 U
Carbon Disulfide	NS	NS	NS		0.0017 U	0.00094 U	0.00036 JL	0.00088 U	0.0017 U	0.00094 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Chlorobenzene	4.5	100	4.5		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Chloroethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Chloroform	0.37	24	0.37		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Chloromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0013 J	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Cyclohexane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Dibromochloromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Dichlorodifluoromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Ethylbenzene	1	76	1		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
M,P-Xylenes	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Methyl Acetate	NS	NS	NS		0.0084 U	0.0047 U	0.0053 U	0.0044 U	0.0085 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0084 U	0.0047 U	0.0099	0.0049	0.0095	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0084 U	0.0047 U	0.0053 U	0.0044 U	0.0085 U	0.0047 U
Methylcyclohexane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Methylene Chloride	0.05	81	0.05		0.0033 U	0.0017 J	0.0016 JL	0.0018 U	0.0033 J	0.0019 U
N-Butylbenzene	18	100	18		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
N-Propylbenzene	5	100	5		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Sec-Butylbenzene	25	100	25		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Styrene	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
T-Butylbenzene	11	100	11		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0015 J	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Toluene	0.7	100	0.7		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0017 U	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.00059 J	0.00094 U	0.0011 UJ	0.00088 U	0.0017 U	0.00094 U
Trichlorofluoromethane	NS	NS	NS		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Vinyl Chloride	0.03	0.48	0.03		0.0017 U	0.00094 U	0.0011 U	0.00088 U	0.0017 U	0.00094 U
Xylenes, Total	0.26	100	1.2		0.0033 U	0.0019 U	0.0021 UJ	0.0018 U	0.0034 U	0.0019 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-07_4-6_20240506	RI-SB-07_6-8_20240506	RI-SB-08_1.5-3.5_20240510	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507
				Lab Sample ID	460-303359-6	460-303359-7	460-303658-3	460-303658-4	460-303419-1	460-303419-2
				Sample Date	5/6/2024	5/6/2024	5/10/2024	5/10/2024	5/7/2024	5/7/2024
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 UJ	0.0011 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.00081 U	0.00094 U	0.00077 J	0.0003 J	0.0015 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.00081 UJ	0.00094 UJ	0.001 UJ	0.00097 UJ	0.0015 UJ	0.0011 UJ
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
2-Hexanone	NS	NS	NS		0.004 U	0.0047 U	0.005 U	0.0049 U	0.0075 U	0.0053 U
Acetone	**0.03**	100	0.03		0.0049 U	0.013	0.028	**0.031**	0.0089 U	0.0064 U
Benzene	0.06	3.7	0.06		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 U	0.0015 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Bromoform	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Bromomethane	NS	NS	NS		0.0016 U	0.0019 U	0.002 U	0.0019 U	0.003 U	0.0021 U
Carbon Disulfide	NS	NS	NS		0.00081 U	0.00067 J	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Chloroethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Chloroform	0.37	24	0.37		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Chloromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.00081 U	0.00094 U	0.0021 JL	0.0024 JL	0.0015 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Cyclohexane	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 UJ	0.0015 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Ethylbenzene	1	76	1		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.00081 U	0.00097	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.004 U	0.0047 U	0.005 U	0.0049 U	0.0075 U	0.0053 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.004 U	0.0024 J	0.004 J	0.0026 J	0.0075 U	0.0053 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.004 U	0.0047 U	0.005 U	0.0049 U	0.0075 U	0.0053 U
Methylcyclohexane	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0016 U	0.0011 J	0.002 UJ	0.0019 UJ	0.003 U	0.0021 U
N-Butylbenzene	18	100	18		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
N-Propylbenzene	5	100	5		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Sec-Butylbenzene	25	100	25		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Styrene	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
T-Butylbenzene	11	100	11		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.00081 U	0.00094 U	0.001 U	0.0007 J	0.0015 U	0.0011 U
Toluene	0.7	100	0.7		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00081 U	0.00094 U	0.001 UJ	0.00097 UJ	0.0015 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.00081 U	0.00094 U	0.001 UJ	0.00039 JL	0.0015 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.00081 U	0.00094 U	0.001 U	0.00097 U	0.0015 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.00081 U	0.00094 U	0.0016	0.0017	0.0015 U	0.0011 U
Xylenes, Total	0.26	100	1.2		0.0016 U	0.00097 J	0.002 UJ	0.0019 UJ	0.003 U	0.0021 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-09_6-8_20240507	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507	RI-SB-10_4-6_20240507	RI-SB-10_8-10_20240507
			Lab Sample ID	460-303419-3	460-303419-4	460-303419-11	460-303419-13	460-303419-12	460-303419-14
			Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.001 UJ	0.00094 UJ	0.00081 UJ	0.0011 U	0.00089 U	0.00094 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 UJ	0.00089 UJ	0.00094 UJ
1,1,2-Trichloroethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,1-Dichloroethane	0.27	47	0.27	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,1-Dichloroethene	0.24	0.98	0.33	0.001 U	0.00094 U	0.00081 U	0.0011 UJ	0.00089 UJ	0.00094 UJ
1,2,3-Trichlorobenzene	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0011	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2-Dichlorobenzene	1.1	100	1.1	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2-Dichloroethane	0.02	5.8	0.02	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,2-Dichloropropane	NS	NS	NS	0.001 UJ	0.00094 UJ	0.00081 UJ	0.0011 U	0.00089 U	0.00094 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,3-Dichlorobenzene	2.6	38	2.6	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
1,4-Dichlorobenzene	1.8	24	1.8	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
2-Hexanone	NS	NS	NS	0.0051 U	0.0047 U	0.0041 U	0.0054 U	0.0044 U	0.0047 U
Acetone	**0.03**	100	0.03	**0.047**	0.0056 U	0.0049 U	0.0064 U	0.0053 U	0.011
Benzene	0.06	3.7	0.06	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Bromochloromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Bromodichloromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Bromoform	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Bromomethane	NS	NS	NS	0.002 U	0.0019 U	0.0016 U	0.0021 U	0.0018 U	0.0019 U
Carbon Disulfide	NS	NS	NS	0.0035	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Carbon Tetrachloride	0.76	7.1	0.76	0.001 U	0.00094 U	0.00081 U	0.0011 UJ	0.00089 UJ	0.00094 UJ
Chlorobenzene	4.5	100	4.5	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Chloroethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Chloroform	0.37	24	0.37	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Chloromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.0006 J	0.001
Cis-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Cyclohexane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Dibromochloromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Dichlorodifluoromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Ethylbenzene	1	76	1	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.004	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
M,P-Xylenes	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Methyl Acetate	NS	NS	NS	0.0051 U	0.0047 U	0.0041 U	0.0054 U	0.0044 U	0.0047 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0086	0.0047 U	0.0041 U	0.0054 U	0.0044 U	0.0047 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0051 U	0.0047 U	0.0041 U	0.0054 U	0.0044 U	0.0047 U
Methylcyclohexane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Methylene Chloride	0.05	81	0.05	0.002 U	0.0019 U	0.0012 J	0.0021 U	0.0018 U	0.0031
N-Butylbenzene	18	100	18	0.022	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
N-Propylbenzene	5	100	5	0.005	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.00042 J	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Sec-Butylbenzene	25	100	25	0.092	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Styrene	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
T-Butylbenzene	11	100	11	0.0037	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.0021	0.002
Toluene	0.7	100	0.7	0.00039 J	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.0005 J	0.00094 U
Trichlorofluoromethane	NS	NS	NS	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Vinyl Chloride	0.03	0.48	0.03	0.001 U	0.00094 U	0.00081 U	0.0011 U	0.00089 U	0.00094 U
Xylenes, Total	0.26	100	1.2	0.00042 J	0.0019 U	0.0016 U	0.0021 U	0.0018 U	0.0019 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

			AKRF Sample ID	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507	RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507	RI-SB-12_0.5-2.5_20240510	RI-SB-13_1.5-3.5_20240513
			Lab Sample ID	460-303419-6	460-303419-5	460-303419-7	460-303419-8	460-303658-5	460-303833-3
			Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/10/2024	5/13/2024
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS	0.0012 UJ	0.0021 UJ	0.00091 UJ	0.00082 UJ	0.001 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 UJ	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33	0.0012 U	0.0021 U	0.00091 U	0.00072 J	0.001 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS	0.0012 UJ	0.0021 UJ	0.00091 UJ	0.00082 UJ	0.001 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
2-Hexanone	NS	NS	NS	0.0061 U	0.01 U	0.0045 U	0.0041 U	0.0052 U	0.0055 U
Acetone	**0.03**	100	0.03	0.0073 U	0.012 U	0.0055 U	0.02	0.014	0.0066 U
Benzene	0.06	3.7	0.06	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Bromochloromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Bromodichloromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Bromoform	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 UJ
Bromomethane	NS	NS	NS	0.0024 U	0.0041 U	0.0018 U	0.0016 U	0.0021 U	0.0022 U
Carbon Disulfide	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.0013	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 UJ
Chlorobenzene	4.5	100	4.5	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Chloroethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Chloroform	0.37	24	0.37	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 UJ	0.0011 U
Chloromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 UJ	0.0017
Cis-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Cyclohexane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Dibromochloromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Ethylbenzene	1	76	1	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
M,P-Xylenes	NS	NS	NS	0.0012 U	0.0021 U	0.00038 J	0.00082 U	0.001 U	0.0011 U
Methyl Acetate	NS	NS	NS	0.0061 U	0.01 U	0.0045 U	0.0041 U	0.0052 U	0.0055 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	0.0061 U	0.01 U	0.0045 U	0.0041 U	0.0052 U	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS	0.0061 U	0.01 U	0.0045 U	0.0041 U	0.0052 U	0.0055 U
Methylcyclohexane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Methylene Chloride	0.05	81	0.05	0.0024 U	0.0041 U	0.0049	0.0014 J	0.0021 U	0.0022 U
N-Butylbenzene	18	100	18	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
N-Propylbenzene	5	100	5	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Sec-Butylbenzene	25	100	25	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Styrene	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
T-Butylbenzene	11	100	11	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Toluene	0.7	100	0.7	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 UJ	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.00043 J
Trichlorofluoromethane	NS	NS	NS	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03	0.0012 U	0.0021 U	0.00091 U	0.00082 U	0.001 U	0.0011 U
Xylenes, Total	0.26	100	1.2	0.0024 U	0.0041 U	0.00038 J	0.0016 U	0.0021 U	0.0022 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506	RI-SB-01A_0-0.2_20240729	RI-SB-01A_0-2_20240729	RI-SB-01A_6-8_20240729
				Lab Sample ID	460-303359-12	460-303359-14	460-303359-15	460-308477-5	460-308477-6	460-308477-7
				Sample Date	5/6/2024	5/6/2024	5/6/2024	7/29/2024	7/29/2024	7/29/2024
				Dilution Factor	1	1	50	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.00088 U	0.00092 U	0.031 J	0.001 U	0.00084 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.00088 UJ	0.00092 UJ	0.097 U	0.001 U	0.00084 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.00088 U	0.00092 U	0.038 J	0.001 U	0.00084 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0044 U	0.0046 U	0.49 U	0.0051 U	0.0042 U	0.0057 U
Acetone	**0.03**	100	0.03		0.0053 U	0.011	0.49 U	0.0061 U	0.005 U	0.021
Benzene	0.06	3.7	0.06		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Bromoform	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Bromomethane	NS	NS	NS		0.0018 U	0.0018 U	0.097 U	0.002 UJ	0.0017 UJ	0.0023 UJ
Carbon Disulfide	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.00037 J
Carbon Tetrachloride	0.76	7.1	0.76		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Chloroethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Chloroform	0.37	24	0.37		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Chloromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.00049 J
Cis-1,3-Dichloropropene	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Cyclohexane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 UJ	0.00084 UJ	0.0011 UJ
Ethylbenzene	1	76	1		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00088 U	0.00092 U	0.032 J	0.001 U	0.00084 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0044 U	0.0046 U	0.33 J	0.0051 U	0.0042 U	0.0057 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0044 U	0.0046 U	0.49 U	0.0051 U	0.0042 U	0.0041 J
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0044 U	0.0046 U	0.49 U	0.0051 U	0.0042 U	0.0057 U
Methylcyclohexane	NS	NS	NS		0.00088 U	0.00092 U	0.38	0.001 U	0.00084 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0018 U	0.0018 U	0.097 U	0.002 U	0.0017 U	0.0023 U
N-Butylbenzene	18	100	18		0.00088 U	0.00092 U	0.38	0.001 U	0.00084 U	0.0011 U
N-Propylbenzene	5	100	5		0.00037 J	0.00092 U	0.18	0.001 U	0.00084 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Sec-Butylbenzene	25	100	25		0.00088 U	0.00092 U	0.16	0.001 U	0.00084 U	0.0011 U
Styrene	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
T-Butylbenzene	11	100	11		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Toluene	0.7	100	0.7		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.00088 U	0.00092 U	0.097 U	0.001 U	0.00084 U	0.0011 U
Xylenes, Total	0.26	100	1.2		0.0018 U	0.0018 U	0.19 U	0.002 U	0.0017 U	0.0023 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-01A_10-12_20240729	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729	RI-SB-X_20240729	RI-SB-14A_6-8_20240729	RI-SB-15_4-6_20250113
				Lab Sample ID	460-308477-8	460-308477-1	460-308477-2	460-308477-4	460-308477-3	460-318711-2
				Sample Date	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024	1/13/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0055 U	0.0046 UJ	0.0042 U	0.0043 U	0.0048 U	0.0056 U
Acetone	**0.03**	100	0.03		0.013	0.011	0.0051 U	0.012	0.012	0.0067 U
Benzene	0.06	3.7	0.06		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Bromoform	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 UJ
Bromomethane	NS	NS	NS		0.0022 UJ	0.0018 UJ	0.0017 U	0.0017 UJ	0.0019 UJ	0.0022 U
Carbon Disulfide	NS	NS	NS		0.001 J	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Chloroethane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Chloroform	0.37	24	0.37		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Chloromethane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0095	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Cyclohexane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.0011 UJ	0.00092 UJ	0.00085 U	0.00085 UJ	0.00095 UJ	0.0011 U
Ethylbenzene	1	76	1		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.00037 J
Isopropylbenzene (Cumene)	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0014
Methyl Acetate	NS	NS	NS		0.0055 U	0.0046 U	0.0042 U	0.0043 U	0.0048 U	0.0056 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0037 J	0.0026 J	0.0042 U	0.0031 J	0.0033 J	0.0056 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0055 U	0.0046 UJ	0.0042 U	0.0043 U	0.0048 U	0.0056 U
Methylcyclohexane	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0022 U	0.0018 U	0.0017 U	0.0017 U	0.0019 U	0.0022 U
N-Butylbenzene	18	100	18		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
N-Propylbenzene	5	100	5		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.00069 J
Sec-Butylbenzene	25	100	25		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Styrene	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
T-Butylbenzene	11	100	11		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Toluene	0.7	100	0.7		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00057 J	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0011 U	0.00092 UJ	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Trichlorofluoromethane	NS	NS	NS		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.0011 U	0.00092 U	0.00085 U	0.00085 U	0.00095 U	0.0011 U
Xylenes, Total	0.26	100	1.2		0.0022 U	0.0018 U	0.0017 U	0.0017 U	0.0019 U	0.0021 J

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-15_6-8_20250113	RI-SB-16_4-6_20250113	RI-SB-16_6-8_20250113	RI-SB-X_6-8_20250113	RI-SB-17_23-25_20250114	RI-SB-18_20-22_20250113
				Lab Sample ID	460-318711-1	460-318711-5	460-318711-4	460-318711-7	460-318749-2	460-318711-3
				Sample Date	1/13/2025	1/13/2025	1/13/2025	1/13/2025	1/14/2025	1/13/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.0015 UJ	0.0009 UJ	0.0011 UJ	0.0011 UJ	0.0012 U	0.0012 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,1,2-Trichloroethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethane	0.27	47	0.27		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,1-Dichloroethene	0.24	0.98	0.33		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.0015 UJ	0.0009 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0012 UJ
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 UJ
1,2-Dichlorobenzene	1.1	100	1.1		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloroethane	0.02	5.8	0.02		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,2-Dichloropropane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,3-Dichlorobenzene	2.6	38	2.6		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
1,4-Dichlorobenzene	1.8	24	1.8		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
2-Hexanone	NS	NS	NS		0.0075 U	0.0045 U	0.0055 U	0.0055 U	0.0058 U	0.006 U
Acetone	**0.03**	100	0.03		0.009 U	0.0054 U	0.018	0.012	0.0069 U	**0.035**
Benzene	0.06	3.7	0.06		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Bromochloromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Bromodichloromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Bromoform	NS	NS	NS		0.0015 UJ	0.0009 UJ	0.0011 UJ	0.0011 UJ	0.0012 UJ	0.0012 UJ
Bromomethane	NS	NS	NS		0.003 U	0.0018 U	0.0022 U	0.0022 U	0.0023 U	0.0024 U
Carbon Disulfide	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Carbon Tetrachloride	0.76	7.1	0.76		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Chlorobenzene	4.5	100	4.5		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Chloroethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Chloroform	0.37	24	0.37		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Chloromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.001 J	0.0012 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 UJ
Cyclohexane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Dibromochloromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 UJ
Dichlorodifluoromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Ethylbenzene	1	76	1		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
M,P-Xylenes	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Methyl Acetate	NS	NS	NS		0.0075 U	0.0045 U	0.0055 U	0.0055 U	0.0058 U	0.006 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0075 U	0.0045 U	0.0055 U	0.0055 U	0.0058 U	0.006 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0075 U	0.0045 U	0.0055 U	0.0055 U	0.0058 U	0.006 U
Methylcyclohexane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Methylene Chloride	0.05	81	0.05		0.003 U	0.0018 U	0.0022 U	0.0022 U	0.0023 U	0.0024 U
N-Butylbenzene	18	100	18		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
N-Propylbenzene	5	100	5		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Sec-Butylbenzene	25	100	25		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Styrene	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
T-Butylbenzene	11	100	11		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.0015 U	0.0009 U	0.00037 J	0.00045 J	0.014	0.0022
Toluene	0.7	100	0.7		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 UJ
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.00053 J	0.0012 U
Trichlorofluoromethane	NS	NS	NS		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Vinyl Chloride	0.03	0.48	0.03		0.0015 U	0.0009 U	0.0011 U	0.0011 U	0.0012 U	0.0012 U
Xylenes, Total	0.26	100	1.2		0.003 U	0.0018 U	0.0022 U	0.0022 U	0.0023 U	0.0024 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-19_7-9_20250113	RI-SB-20_15-17_20250114	RI-SB-21_11-13_20250115	RI-SB-22_0-2_20250702	RI-SB-22_2-4_20250702	RI-SB-23_0-2_20250701
				Lab Sample ID	460-318711-6	460-318749-1	460-318860-1	460-329892-1	460-329892-2	460-329744-1
				Sample Date	1/13/2025	1/14/2025	1/15/2025	7/2/2025	7/2/2025	7/1/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.00087 UJ	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,1,2-Trichloroethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,1-Dichloroethane	0.27	47	0.27		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,1-Dichloroethene	0.24	0.98	0.33		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2,4-Trichlorobenzene	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.00087 UJ	0.0011 UJ	0.00088 U	0.0011 UT	0.0014 UT	0.0011 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dichlorobenzene	1.1	100	1.1		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dichloroethane	0.02	5.8	0.02		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,2-Dichloropropane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,3-Dichlorobenzene	2.6	38	2.6		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
1,4-Dichlorobenzene	1.8	24	1.8		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
2-Hexanone	NS	NS	NS		0.0043 U	0.0053 U	0.0044 U	0.0057 U	0.007 U	0.0055 U
Acetone	**0.03**	100	0.03		**0.052**	0.0064 U	**0.038**	**0.04**	**0.033**	0.0066 U
Benzene	0.06	3.7	0.06		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Bromochloromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Bromodichloromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Bromoform	NS	NS	NS		0.00087 UJ	0.0011 UJ	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Bromomethane	NS	NS	NS		0.0017 U	0.0021 U	0.0018 U	0.0023 U	0.0028 U	0.0022 U
Carbon Disulfide	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.00048 J	0.0014 U	0.0011 U
Carbon Tetrachloride	0.76	7.1	0.76		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Chlorobenzene	4.5	100	4.5		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Chloroethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Chloroform	0.37	24	0.37		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Chloromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Cyclohexane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Dibromochloromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Dichlorodifluoromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Ethylbenzene	1	76	1		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
M,P-Xylenes	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Methyl Acetate	NS	NS	NS		0.0043 U	0.0053 U	0.0044 U	0.0057 U	0.007 U	0.0055 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.0043 U	0.0053 U	0.0044 U	0.0074	0.0073	0.0055 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.0043 U	0.0053 U	0.0044 U	0.0057 U	0.007 U	0.0055 U
Methylcyclohexane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Methylene Chloride	0.05	81	0.05		0.0017 U	0.0021 U	0.0018 U	0.0023 U	0.0028 U	0.0022 U
N-Butylbenzene	18	100	18		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
N-Propylbenzene	5	100	5		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Sec-Butylbenzene	25	100	25		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Styrene	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
T-Butylbenzene	11	100	11		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.00087 U	0.0061	0.00088 U	0.0011 U	0.0014 U	0.0034
Toluene	0.7	100	0.7		0.00046 J	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0013
Trichlorofluoromethane	NS	NS	NS		0.00087 U	0.0011 U	0.00088 U	0.00057 BJ	0.00077 BJ	0.0011 U
Vinyl Chloride	0.03	0.48	0.03		0.00087 U	0.0011 U	0.00088 U	0.0011 U	0.0014 U	0.0011 U
Xylenes, Total	0.26	100	1.2		0.0017 U	0.0021 U	0.0018 U	0.0023 U	0.0028 U	0.0022 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-23_4-6_20250730	RI-SB-X_4-6_20250730	RI-FB_20250730	RI-FB-01_20240506	RI-FB-01_20250113	RI-FB-02_20240510
				Lab Sample ID	460-331762-1	460-331762-2	460-331762-3	460-303359-16	460-318711-8	460-303658-2
				Sample Date	7/30/2025	7/30/2025	7/30/2025	5/6/2024	1/13/2025	5/10/2024
				Dilution Factor	1	1	1	1	1	1
				Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		0.001 U	0.00088 U	0.2 U	1 U	1 UJ	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		0.001 UT	0.00088 UT	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		0.001 U	0.00088 U	0.58 U	1 U	1 U	1 U
1,1-Dichloroethane	0.27	47	0.27		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.24	0.98	0.33		0.001 UT	0.00088 UT	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		0.001 U	0.00088 U	1 U	1 UJ	1 U	1 UJ
1,2,4-Trichlorobenzene	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5.9	100	5.9		0.0016	0.00061 J	1 U	1 U	1 UJ	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	5.8	0.02		0.001 U	0.00088 U	0.3 U	1 U	1 U	1 U
1,2-Dichloropropane	NS	NS	NS		0.001 U	0.00088 U	0.92 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		0.00098 J	0.00031 J	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.6	38	2.6		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	24	1.8		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NS		0.005 U	0.0044 U	5 U	5 U	5 U	5 U
Acetone	**0.03**	100	0.03		0.025	0.012	5 U	5 U	5 U	5 U
Benzene	0.06	3.7	0.06		0.001 U	0.00088 U	0.45 U	1 U	1 U	1 U
Bromochloromethane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		0.001 U	0.00088 U	0.98 U	4.3	1 U	1 U
Bromoform	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 UJ
Bromomethane	NS	NS	NS		0.002 U	0.0018 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		0.0026	0.0017	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	7.1	0.76		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Chlorobenzene	4.5	100	4.5		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Chloroform	0.37	24	0.37		0.001 U	0.00088 U	1 U	54	1 U	1 U
Chloromethane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		0.0046	0.0013	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.00088 U	0.45 U	1 U	1 U	1 U
Cyclohexane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		0.001 U	0.00088 U	0.78 U	1 U	1 U	1 U
Dichlorodifluoromethane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Ethylbenzene	1	76	1		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		0.0005 J	0.00088 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		0.005 U	0.0044 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		0.005 U	0.0044 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		0.005 U	0.0044 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	81	0.05		0.002 U	0.0018 U	1 U	1 U	1 U	1 U
N-Butylbenzene	18	100	18		0.001 U	0.00088 U	1 U	1 U	1 UJ	1 U
N-Propylbenzene	5	100	5		0.001 U	0.00088 U	1 U	1 U	1 UJ	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	25	100	25		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NS		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
T-Butylbenzene	11	100	11		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.1	100	0.1		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	18	1.3		0.046	0.014	0.4 U	1 U	1 U	1 U
Toluene	0.7	100	0.7		0.00057 J	0.00022 J	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	0.19	100	0.19		0.00035 J	0.00088 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		0.001 U	0.00088 U	0.45 U	1 U	1 U	1 U
Trichloroethylene (TCE)	0.47	6.4	0.47		0.0045	0.00094	0.28 U	1 U	1 U	1 U
Trichlorofluoromethane	NS	NS	NS		0.00042 BJ	0.00038 BJ	1 U	1 U	1 U	1 U
Vinyl Chloride	0.03	0.48	0.03		0.001 U	0.00088 U	1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	1.2		0.00086 J	0.00018 J	2 U	2 U	2 U	2 U

Table 2A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Volatile Organic Compounds (VOCs)

				AKRF Sample ID	RI-SB-FB-01_20240729	RI-SB-TB-01_20240729	RI-TB-01_20240506	RI-TB-01_20250113	RI-TB-02_20240510	TRIP BLANK_20250730
				Lab Sample ID	460-308477-10	460-308477-9	460-303359-13	460-318711-9	460-303658-1	460-331762-4
				Sample Date	7/29/2024	7/29/2024	5/6/2024	1/13/2025	5/10/2024	7/30/2025
				Dilution Factor	1	1	1	1	1	1
				Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	0.68	100	0.68		1 UJ	1 UJ	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	NS	NS	NS		1 U	1 U	1 U	1 UJ	1 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.58 U
1,1-Dichloroethane	0.27	47	0.27		1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	0.24	0.98	0.33		1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 UJ	1 U
1,2,4-Trichlorobenzene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	5.9	100	5.9		1 U	1 U	1 U	1 UJ	1 U	1 U
1,2-Dibromo-3-Chloropropane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	1.1	100	1.1		1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.02	5.8	0.02		1 U	1 U	1 U	1 U	1 U	0.3 U
1,2-Dichloropropane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1		1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	2.6	38	2.6		1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	1.8	24	1.8		1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Acetone	**0.03**	100	0.03		5 U	5 U	5 U	5 U	5 U	5 U
Benzene	0.06	3.7	0.06		1 U	1 U	1 U	1 U	1 U	0.45 U
Bromochloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.98 U
Bromoform	NS	NS	NS		1 U	1 U	1 U	1 U	1 UJ	1 U
Bromomethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	0.76	7.1	0.76		1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	4.5	100	4.5		1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	0.37	24	0.37		1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	0.19	41	0.19		1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.45 U
Cyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.78 U
Dichlorodifluoromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	1	76	1		1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1		5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	NS	NS		5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	0.05	81	0.05		1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	18	100	18		1 U	1 U	1 U	1 UJ	1 U	1 U
N-Propylbenzene	5	100	5		1 U	1 U	1 U	1 UJ	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	25	100	25		1 U	1 U	1 U	1 U	1 U	1 U
Styrene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	11	100	11		1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	0.1	100	0.1		1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	1.3	18	1.3		1 U	1 U	1 U	1 U	1 U	0.4 U
Toluene	0.7	100	0.7		1 U	1 U	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	1 U	1 U
Trans-1,3-Dichloropropene	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	0.45 U
Trichloroethylene (TCE)	0.47	6.4	0.47		1 U	1 U	1 U	1 U	1 U	0.28 U
Trichlorofluoromethane	NS	NS	NS		1 U	1 U	1 U	1 U	1 U	1 U
Vinyl Chloride	0.03	0.48	0.03		1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	0.26	100	1.2		2 U	2 U	2 U	2 U	2 U	2 U

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

				AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508	RI-SB-02_1-3_20240513	RI-SB-03_1-3_20240513
				Lab Sample ID	460-303510-2	460-303510-1	460-303510-5	460-303510-3	460-303510-4	460-303833-2	460-303833-1
				Sample Date	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/13/2024	5/13/2024
				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**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2,4,5-Trichlorophenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2,4,6-Trichlorophenol	NS	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.18 U
2,4-Dichlorophenol	NS	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.18 U
2,4-Dimethylphenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2,4-Dinitrophenol	NS	NS	NS		0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.35 U
2,4-Dinitrotoluene	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U	0.077 U	0.089 U
2,6-Dinitrotoluene	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U	0.077 U	0.089 U
2-Chloronaphthalene	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2-Chlorophenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2-Methylnaphthalene	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2-Methylphenol (O-Cresol)	0.33	100	0.33		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2-Nitroaniline	NS	NS	NS		0.37 UJ	0.38 UJ	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
2-Nitrophenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
3- And 4- Methylphenol (Total)	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.18 U
3-Nitroaniline	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS		0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.35 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Chloro-3-Methylphenol	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Chloroaniline	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Methylphenol (P-Cresol)	0.33	100	0.33		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Nitroaniline	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
4-Nitrophenol	NS	NS	NS		0.76 U	0.77 U	0.75 U	0.77 U	0.75 U	0.77 U	0.89 U
Acenaphthene	20	100	98		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Acenaphthylene	100	100	365		0.082 J	0.38 U	0.08 J	0.38 U	0.37 U	0.025 J	0.44 U
Acetophenone	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Anthracene	100	100	1,000		0.064 J	0.38 U	0.017 J	0.38 U	0.37 U	0.014 J	0.44 U
Atrazine	NS	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.18 U
Benzaldehyde	NS	NS	NS		0.37 UJ	0.38 UJ	0.37 UJ	0.38 UJ	0.37 UJ	0.38 UJ	0.44 UJ
Benzo(a)Anthracene	**1**	1.4	1		0.34	0.044	0.085	0.038 U	0.037 U	0.12	0.044 U
Benzo(a)Pyrene	**1**	1	22		0.37	0.05	0.26	0.038 U	0.037 U	0.24	0.027 J
Benzo(b)Fluoranthene	**1**	1.4	2.1		0.52	0.069	0.23	0.038 U	0.037 U	0.27	0.031 J
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000		0.19 J	0.028 J	0.23 J	0.38 U	0.37 U	0.24 J	0.023 J
Benzo(k)Fluoranthene	**0.8**	4.9	2		0.18	0.026 J	0.12	0.038 U	0.037 U	0.11	0.01 J
Benzyl Butyl Phthalate	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Biphenyl (Diphenyl)	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.37 U	0.03 J	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Caprolactam	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Carbazole	NS	NS	NS		0.026 J	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Chrysene	**1**	4.9	1		0.37	0.047 J	0.13 J	0.38 U	0.37 U	0.18 J	0.44 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000		0.053	0.038 U	0.033 J	0.038 U	0.037 U	0.044	0.044 U
Dibenzofuran	NS	18	110		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Diethyl Phthalate	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Dimethyl Phthalate	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Di-N-Butyl Phthalate	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Di-N-Octylphthalate	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Fluoranthene	85	100	1,000		0.53	0.075 J	0.039 J	0.38 U	0.37 U	0.13 J	0.027 J
Fluorene	30	100	386		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Hexachlorobenzene	0.33	0.33	3.2		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
Hexachlorobutadiene	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U	0.077 U	0.089 U
Hexachlorocyclopentadiene	NS	NS	NS		0.37 U	0.38 UJ	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Hexachloroethane	NS	NS	NS		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6		0.23	0.028 J	0.21	0.038 U	0.037 U	0.22	0.019 J
Isophorone	NS	NS	NS		0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.15 U	0.18 U
Naphthalene	12	100	12		0.02 J	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Nitrobenzene	0.08	1.8	0.08		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.037 U	0.038 U	0.037 U	0.038 U	0.037 U	0.038 U	0.044 U
N-Nitrosodiphenylamine	NS	NS	NS		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Pentachlorophenol	0.8	1.3	0.8		0.3 U	0.31 U	0.3 U	0.3 U	0.3 U	0.3 U	0.35 U
Phenanthrene	**1.1**	4.9	1,000		0.14 J	0.041 J	0.37 U	0.38 U	0.37 U	0.04 J	0.44 U
Phenol	0.33	100	0.33		0.37 U	0.38 U	0.37 U	0.38 U	0.37 U	0.38 U	0.44 U
Pyrene	64	100	1,000		0.44	0.065 J	0.1 J	0.38 U	0.37 U	0.17 J	0.026 J

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

				AKRF Sample ID	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506	RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506
				Lab Sample ID	460-303419-9	460-303419-10	460-303359-1	460-303359-2	460-303359-4	460-303359-3	460-303359-9
				Sample Date	5/7/2024	5/7/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	NS		0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	NS		0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2,4-Dinitrophenol	NS	NS	NS		0.27 U	0.27 U	0.28 U	0.28 U	0.3 U	0.3 U	0.28 U
2,4-Dinitrotoluene	NS	NS	NS		0.067 U	0.068 U	0.07 U	0.071 U	0.075 U	0.075 U	0.07 U
2,6-Dinitrotoluene	NS	NS	NS		0.067 U	0.068 U	0.07 U	0.071 U	0.075 U	0.075 U	0.07 U
2-Chloronaphthalene	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.027 J	0.37 U	0.11 J
2-Chlorophenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2-Methylnaphthalene	NS	NS	NS		0.33 U	0.33 U	0.013 J	0.026 J	0.012 J	0.37 U	0.25 J
2-Methylphenol (O-Cresol)	0.33	100	0.33		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2-Nitroaniline	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
2-Nitrophenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.087 J
3,3'-Dichlorobenzidine	NS	NS	NS		0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS		0.27 U	0.27 U	0.28 U	0.28 U	0.3 U	0.3 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4-Chloroaniline	NS	NS	NS		0.33 U	0.33 UJ	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.33		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.087 J
4-Nitroaniline	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
4-Nitrophenol	NS	NS	NS		0.67 U	0.68 U	0.7 U	0.71 U	0.75 U	0.75 U	0.7 U
Acenaphthene	20	100	98		0.33 U	0.33 U	0.026 J	0.01 J	0.37 U	0.37 U	0.028 J
Acenaphthylene	100	100	365		0.33 U	0.33 U	0.058 J	0.048 J	0.094 J	0.37 U	0.52
Acetophenone	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.075 J
Anthracene	100	100	1,000		0.33 U	0.33 U	0.089 J	0.07 J	0.029 J	0.37 U	0.18 J
Atrazine	NS	NS	NS		0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	NS		0.33 UJ	0.33 UJ	0.34 UJ	0.35 UJ	0.37 UJ	0.37 UJ	0.34 UJ
Benzo(a)Anthracene	**1**	1.4	1		0.033 U	0.033 U	0.38	0.19	0.21	0.066	0.42
Benzo(a)Pyrene	**1**	1	22		0.033 U	0.033 U	0.45	0.19	0.39	0.088	0.53
Benzo(b)Fluoranthene	**1**	1.4	2.1		0.033 U	0.033 U	0.55	0.21	0.38	0.072	0.76
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000		0.33 U	0.33 U	0.28 J	0.1 J	0.33 J	0.051 J	0.49
Benzo(k)Fluoranthene	**0.8**	4.9	2		0.033 U	0.033 U	0.26	0.081	0.16	0.033 J	0.27
Benzyl Butyl Phthalate	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.018 J	0.37 U	0.21 J
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.073 J	0.37 U	0.37 U	0.34 U
Caprolactam	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Carbazole	NS	NS	NS		0.33 U	0.33 U	0.043 J	0.022 J	0.015 J	0.37 U	0.043 J
Chrysene	**1**	4.9	1		0.33 U	0.33 U	0.45	0.21 J	0.25 J	0.06 J	0.62
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000		0.033 U	0.033 U	0.065	0.016 J	0.052	0.037 U	0.07
Dibenzofuran	NS	18	110		0.33 U	0.33 U	0.012 J	0.35 U	0.37 U	0.37 U	0.034 J
Diethyl Phthalate	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Dimethyl Phthalate	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NS		0.33 U	0.33 U	0.035 J	0.35 U	0.37 U	0.37 U	0.34 U
Di-N-Octylphthalate	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Fluoranthene	85	100	1,000		0.33 U	0.33 U	0.68	0.36	0.18 J	0.048 J	0.87
Fluorene	30	100	386		0.33 U	0.33 U	0.027 J	0.023 J	0.37 U	0.37 U	0.075 J
Hexachlorobenzene	0.33	0.33	3.2		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
Hexachlorobutadiene	NS	NS	NS		0.067 U	0.068 U	0.07 U	0.071 U	0.075 U	0.075 U	0.07 U
Hexachlorocyclopentadiene	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Hexachloroethane	NS	NS	NS		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6		0.033 U	0.033 U	0.34	0.13	0.32	0.075	0.48
Isophorone	NS	NS	NS		0.13 U	0.13 U	0.14 U	0.14 U	0.15 U	0.15 U	0.14 U
Naphthalene	12	100	12		0.33 U	0.33 U	0.022 J	0.056 J	0.17 J	0.37 U	2.5
Nitrobenzene	0.08	1.8	0.08		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.033 U	0.033 U	0.034 U	0.035 U	0.037 U	0.037 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NS		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Pentachlorophenol	0.8	1.3	0.8		0.27 U	0.27 U	0.28 U	0.28 U	0.3 U	0.3 U	0.28 U
Phenanthrene	**1.1**	4.9	1,000		0.33 U	0.33 U	0.32 J	0.31 J	0.078 J	0.37 U	0.8
Phenol	0.33	100	0.33		0.33 U	0.33 U	0.34 U	0.35 U	0.37 U	0.37 U	0.34 U
Pyrene	64	100	1,000		0.33 U	0.33 U	0.62	0.4	0.28 J	0.086 J	0.97

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

				AKRF Sample ID	RI-SB-06_4-6_20240506	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506	RI-SB-07_4-6_20240506	RI-SB-07_6-8_20240506	RI-SB-08_1.5-3.5_20240510
				Lab Sample ID	460-303359-10	460-303359-11	460-303359-8	460-303359-5	460-303359-6	460-303359-7	460-303658-3
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/10/2024
				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**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2,4,5-Trichlorophenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2,4,6-Trichlorophenol	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dichlorophenol	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
2,4-Dimethylphenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 UJ
2,4-Dinitrophenol	NS	NS	NS		0.28 UJ	0.29 U	0.28 U	0.27 U	0.28 U	0.3 U	0.28 U
2,4-Dinitrotoluene	NS	NS	NS		0.071 U	0.072 U	0.072 U	0.068 U	0.07 U	0.075 U	0.071 U
2,6-Dinitrotoluene	NS	NS	NS		0.071 U	0.072 U	0.072 U	0.068 U	0.07 U	0.075 U	0.071 U
2-Chloronaphthalene	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2-Chlorophenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2-Methylnaphthalene	NS	NS	NS		0.35 U	0.067 J	0.35 U	0.34 U	0.34 U	0.37 U	0.01 J
2-Methylphenol (O-Cresol)	0.33	100	0.33		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2-Nitroaniline	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
2-Nitrophenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
3- And 4- Methylphenol (Total)	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
3-Nitroaniline	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS		0.28 U	0.29 U	0.28 U	0.27 U	0.28 U	0.3 U	0.28 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Chloro-3-Methylphenol	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Chloroaniline	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Methylphenol (P-Cresol)	0.33	100	0.33		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Nitroaniline	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
4-Nitrophenol	NS	NS	NS		0.71 U	0.72 U	0.72 U	0.68 U	0.7 U	0.75 U	0.71 U
Acenaphthene	20	100	98		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Acenaphthylene	100	100	365		0.018 J	0.031 J	0.017 J	0.03 J	0.34 U	0.37 U	0.35 U
Acetophenone	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Anthracene	100	100	1,000		0.014 J	0.029 J	0.019 J	0.016 J	0.34 U	0.37 U	0.35 U
Atrazine	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Benzaldehyde	NS	NS	NS		0.35 UJ	0.36 UJ	0.35 UJ	0.34 UJ	0.34 UJ	0.37 UJ	0.35 UJ
Benzo(a)Anthracene	**1**	1.4	1		0.035 U	0.067	0.1	0.085	0.034 U	0.037 U	0.032 J
Benzo(a)Pyrene	**1**	1	22		0.026 J	0.063	0.092	0.11	0.0091 J	0.037 U	0.036
Benzo(b)Fluoranthene	**1**	1.4	2.1		0.031 J	0.069	0.1	0.14	0.01 J	0.037 U	0.043
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000		0.019 J	0.076 J	0.039 J	0.082 J	0.34 U	0.013 J	0.041 J
Benzo(k)Fluoranthene	**0.8**	4.9	2		0.012 J	0.026 J	0.045	0.061	0.034 U	0.037 U	0.015 J
Benzyl Butyl Phthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Biphenyl (Diphenyl)	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Caprolactam	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Carbazole	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.015 J	0.34 U	0.37 U	0.35 U
Chrysene	**1**	4.9	1		0.019 J	0.067 J	0.1 J	0.1 J	0.34 U	0.37 U	0.03 J
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000		0.035 U	0.036 U	0.035 U	0.021 J	0.034 U	0.037 U	0.035 U
Dibenzofuran	NS	18	110		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Diethyl Phthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Dimethyl Phthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Di-N-Butyl Phthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Di-N-Octylphthalate	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Fluoranthene	85	100	1,000		0.02 J	0.12 J	0.16 J	0.12 J	0.34 U	0.37 U	0.041 J
Fluorene	30	100	386		0.35 U	0.014 J	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Hexachlorobenzene	0.33	0.33	3.2		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
Hexachlorobutadiene	NS	NS	NS		0.071 U	0.072 U	0.072 U	0.068 U	0.07 U	0.075 U	0.071 U
Hexachlorocyclopentadiene	NS	NS	NS		0.35 UJ	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 UJ
Hexachloroethane	NS	NS	NS		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6		0.046	0.083	0.069	0.11	0.034 U	0.037 U	0.032 J
Isophorone	NS	NS	NS		0.14 U	0.14 U	0.14 U	0.14 U	0.14 U	0.15 U	0.14 U
Naphthalene	12	100	12		0.35 U	0.06 J	0.35 U	0.34 U	0.34 U	0.37 U	0.011 J
Nitrobenzene	0.08	1.8	0.08		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.035 U	0.036 U	0.035 U	0.034 U	0.034 U	0.037 U	0.035 U
N-Nitrosodiphenylamine	NS	NS	NS		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Pentachlorophenol	0.8	1.3	0.8		0.28 U	0.29 U	0.28 U	0.27 U	0.28 U	0.3 U	0.28 U
Phenanthrene	**1.1**	4.9	1,000		0.35 U	0.11 J	0.074 J	0.05 J	0.34 U	0.37 U	0.022 J
Phenol	0.33	100	0.33		0.35 U	0.36 U	0.35 U	0.34 U	0.34 U	0.37 U	0.35 U
Pyrene	64	100	1,000		0.027 J	0.13 J	0.14 J	0.12 J	0.011 J	0.37 U	0.051 J

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

				AKRF Sample ID	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507	RI-SB-09_6-8_20240507	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507
				Lab Sample ID	460-303658-4	460-303419-1	460-303419-2	460-303419-3	460-303419-4	460-303419-11	460-303419-13
				Sample Date	5/10/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				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**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NS		0.15 U	1.3 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NS		0.15 U	1.3 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 UJ	0.33 UJ
2,4-Dinitrophenol	NS	NS	NS		0.3 U	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NS		0.074 U	0.67 U	0.067 U	0.46	0.067 U	0.067 U	0.067 U
2,6-Dinitrotoluene	NS	NS	NS		0.074 U	0.67 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U
2-Chloronaphthalene	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Chlorophenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NS		0.011 J	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	0.33		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
2-Nitroaniline	NS	NS	NS		0.37 U	3.3 UJ	0.33 UJ	0.33 UJ	0.33 U	0.33 U	0.33 U
2-Nitrophenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.15 U	1.3 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS		0.3 U	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 UJ
4-Chloro-3-Methylphenol	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	0.33		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Nitroaniline	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NS		0.74 U	6.7 U	0.67 U	0.67 U	0.67 U	0.67 U	0.67 U
Acenaphthene	20	100	98		0.37 U	1 J	0.33 U	0.41	0.33 U	0.33 U	0.33 U
Acenaphthylene	100	100	365		0.37 U	0.13 J	0.019 J	0.11 J	0.33 U	0.01 J	0.012 J
Acetophenone	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Anthracene	100	100	1,000		0.37 U	6.9	0.034 J	0.25 J	0.33 U	0.018 J	0.018 J
Atrazine	NS	NS	NS		0.15 U	1.3 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Benzaldehyde	NS	NS	NS		0.37 UJ	3.3 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 UJ	0.33 U
Benzo(a)Anthracene	**1**	1.4	1		0.037	**29**	0.3	0.3	0.033 U	0.12	0.11
Benzo(a)Pyrene	**1**	1	22		0.047	**28**	0.35	0.19	0.033 U	0.13	0.12
Benzo(b)Fluoranthene	**1**	1.4	2.1		0.059	**39**	0.55	0.074	0.033 U	0.18	0.17
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000		0.048 J	**14**	0.22 J	0.031 J	0.33 U	0.078 J	0.071 J
Benzo(k)Fluoranthene	**0.8**	4.9	2		0.019 J	**14**	0.19	0.016 J	0.033 U	0.068	0.062
Benzyl Butyl Phthalate	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.37 U	3.3 U	0.028 J	0.33 U	0.33 U	0.13 J	0.056 J
Caprolactam	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Carbazole	NS	NS	NS		0.37 U	2.2 J	0.017 J	0.33 U	0.33 U	0.33 U	0.015 J
Chrysene	**1**	4.9	1		0.036 J	**30**	0.32 J	0.58	0.33 U	0.12 J	0.12 J
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000		0.037 U	**3.9**	0.053	0.031 J	0.033 U	0.017 J	0.015 J
Dibenzofuran	NS	18	110		0.37 U	0.76 J	0.33 U	0.21 J	0.33 U	0.33 U	0.33 U
Diethyl Phthalate	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Dimethyl Phthalate	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Di-N-Octylphthalate	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Fluoranthene	85	100	1,000		0.046 J	44	0.41	0.13 J	0.33 U	0.21 J	0.23 J
Fluorene	30	100	386		0.37 U	1.8 J	0.33 U	0.57	0.33 U	0.33 U	0.33 U
Hexachlorobenzene	0.33	0.33	3.2		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NS		0.074 U	0.67 U	0.067 U	0.067 U	0.067 U	0.067 U	0.067 U
Hexachlorocyclopentadiene	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Hexachloroethane	NS	NS	NS		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6		0.04	**17**	0.23	0.013 J	0.033 U	0.083	0.077
Isophorone	NS	NS	NS		0.15 U	1.3 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U
Naphthalene	12	100	12		0.011 J	0.064 J	0.01 J	0.33 U	0.33 U	0.33 U	0.0095 J
Nitrobenzene	0.08	1.8	0.08		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.037 U	0.33 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NS		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8		0.3 U	2.7 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Phenanthrene	**1.1**	4.9	1,000		0.023 J	**22**	0.11 J	**1.6**	0.33 U	0.075 J	0.11 J
Phenol	0.33	100	0.33		0.37 U	3.3 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U
Pyrene	64	100	1,000		0.059 J	39	0.37	0.51	0.33 U	0.2 J	0.22 J

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	RI-SB-10_4-6_20240507	RI-SB-10_8-10_20240507	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507		RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507
			Lab Sample ID	460-303419-12	460-303419-14	460-303419-6	460-303419-5		460-303419-7	460-303419-8
			Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024		5/7/2024	5/7/2024
			Dilution Factor	1	1	1	1	2	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2,4,5-Trichlorophenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2,4,6-Trichlorophenol	NS	NS	NS	0.13 U	0.14 U	0.13 U	0.13 U	NR	0.13 U	0.13 U
2,4-Dichlorophenol	NS	NS	NS	0.13 U	0.14 U	0.13 U	0.13 U	NR	0.13 U	0.13 U
2,4-Dimethylphenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2,4-Dinitrophenol	NS	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	NR	0.27 U	0.27 U
2,4-Dinitrotoluene	NS	NS	NS	0.067 U	0.068 U	0.067 U	0.067 U	NR	0.067 U	0.067 U
2,6-Dinitrotoluene	NS	NS	NS	0.067 U	0.068 U	0.067 U	0.067 U	NR	0.067 U	0.067 U
2-Chloronaphthalene	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2-Chlorophenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2-Methylnaphthalene	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.05 J	NR	0.031 J	0.33 U
2-Methylphenol (O-Cresol)	0.33	100	0.33	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
2-Nitroaniline	NS	NS	NS	0.33 U	0.34 U	0.33 UJ	0.33 UJ	NR	0.33 UJ	0.33 U
2-Nitrophenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
3- And 4- Methylphenol (Total)	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.13 U	0.14 U	0.13 U	0.13 U	NR	0.13 U	0.13 U
3-Nitroaniline	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.27 U	0.27 U	0.27 U	0.27 U	NR	0.27 U	0.27 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Chloroaniline	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Nitroaniline	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
4-Nitrophenol	NS	NS	NS	0.67 U	0.68 U	0.67 U	0.67 U	NR	0.67 U	0.67 U
Acenaphthene	20	100	98	0.33 U	0.34 U	0.015 J	0.37	NR	0.067 J	0.33 U
Acenaphthylene	100	100	365	0.33 U	0.34 U	0.038 J	0.15 J	NR	0.12 J	0.33 U
Acetophenone	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Anthracene	100	100	1,000	0.33 U	0.34 U	0.053 J	1.1	NR	0.26 J	0.33 U
Atrazine	NS	NS	NS	0.13 U	0.14 U	0.13 U	0.13 U	NR	0.13 U	0.13 U
Benzaldehyde	NS	NS	NS	0.33 UJ	0.34 UJ	0.33 UJ	0.33 UJ	NR	0.33 UJ	0.33 U
Benzo(a)Anthracene	**1**	1.4	1	0.027 J	0.034 U	0.21	**5.1**	NR	**1.2**	0.033 U
Benzo(a)Pyrene	**1**	1	22	0.02 J	0.034 U	0.24	**5**	NR	**1.3**	0.033 U
Benzo(b)Fluoranthene	**1**	1.4	2.1	0.021 J	0.034 U	0.31	**6.6**	NR	**1.6**	0.033 U
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000	0.012 J	0.34 U	0.12 J	**2.4**	NR	0.55	0.33 U
Benzo(k)Fluoranthene	**0.8**	4.9	2	0.014 J	0.034 U	0.11	**2.3**	NR	0.51	0.033 U
Benzyl Butyl Phthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Biphenyl (Diphenyl)	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.018 J	NR	0.33 U	0.33 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.097 J	NR	0.33 U	0.33 U
Caprolactam	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Carbazole	NS	NS	NS	0.33 U	0.34 U	0.028 J	0.63	NR	0.12 J	0.33 U
Chrysene	**1**	4.9	1	0.024 J	0.34 U	0.24 J	**5.3**	NR	**1.3**	0.33 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000	0.033 U	0.034 U	0.034	**0.65**	NR	0.14	0.033 U
Dibenzofuran	NS	18	110	0.33 U	0.34 U	0.33 U	0.17 J	NR	0.042 J	0.33 U
Diethyl Phthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Dimethyl Phthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Di-N-Butyl Phthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.026 J	NR	0.33 U	0.33 U
Di-N-Octylphthalate	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Fluoranthene	85	100	1,000	0.051 J	0.34 U	0.43	NR	8.1 D	2.2	0.33 U
Fluorene	30	100	386	0.33 U	0.34 U	0.019 J	0.4	NR	0.08 J	0.33 U
Hexachlorobenzene	0.33	0.33	3.2	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
Hexachlorobutadiene	NS	NS	NS	0.067 U	0.068 U	0.067 U	0.067 U	NR	0.067 U	0.067 U
Hexachlorocyclopentadiene	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Hexachloroethane	NS	NS	NS	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6	0.032 J	0.034 U	0.14	**2.8**	NR	**0.65**	0.033 U
Isophorone	NS	NS	NS	0.13 U	0.14 U	0.13 U	0.13 U	NR	0.13 U	0.13 U
Naphthalene	12	100	12	0.33 U	0.34 U	0.019 J	0.11 J	NR	0.06 J	0.33 U
Nitrobenzene	0.08	1.8	0.08	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.033 U	0.034 U	0.033 U	0.033 U	NR	0.033 U	0.033 U
N-Nitrosodiphenylamine	NS	NS	NS	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Pentachlorophenol	0.8	1.3	0.8	0.27 U	0.27 U	0.27 U	0.27 U	NR	0.27 U	0.27 U
Phenanthrene	**1.1**	4.9	1,000	0.041 J	0.34 U	0.24 J	**4.4**	NR	1.1	0.33 U
Phenol	0.33	100	0.33	0.33 U	0.34 U	0.33 U	0.33 U	NR	0.33 U	0.33 U
Pyrene	64	100	1,000	0.049 J	0.34 U	0.38	7.9	NR	2.1	0.33 U

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

				AKRF Sample ID	RI-SB-12_0.5-2.5_20240510	RI-SB-13_1.5-3.5_20240513	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506	RI-SB-01A_0-0.2_20240729	RI-SB-01A_0-2_20240729
				Lab Sample ID	460-303658-5	460-303833-3	460-303359-12	460-303359-14	460-303359-15	460-308477-5	460-308477-6
				Sample Date	5/10/2024	5/13/2024	5/6/2024	5/6/2024	5/6/2024	7/29/2024	7/29/2024
				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**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2,4,5-Trichlorophenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2,4,6-Trichlorophenol	NS	NS	NS		0.15 U	0.16 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
2,4-Dichlorophenol	NS	NS	NS		0.15 U	0.16 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
2,4-Dimethylphenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2,4-Dinitrophenol	NS	NS	NS		0.29 U	0.32 U	0.27 U	0.27 U	0.28 U	0.27 UJ	0.28 UJ
2,4-Dinitrotoluene	NS	NS	NS		0.074 U	0.081 U	0.069 U	0.068 U	0.072 U	0.068 UJ	0.069 UJ
2,6-Dinitrotoluene	NS	NS	NS		0.074 U	0.081 U	0.069 U	0.068 U	0.072 U	0.068 UJ	0.069 UJ
2-Chloronaphthalene	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2-Chlorophenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2-Methylnaphthalene	NS	NS	NS		0.019 J	0.4 U	0.34 U	0.33 U	0.22 J	0.34 U	0.015 J
2-Methylphenol (O-Cresol)	0.33	100	0.33		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2-Nitroaniline	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
2-Nitrophenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 UJ	0.34 U
3- And 4- Methylphenol (Total)	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
3,3'-Dichlorobenzidine	NS	NS	NS		0.15 U	0.16 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
3-Nitroaniline	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS		0.29 U	0.32 U	0.27 U	0.27 U	0.28 U	0.27 UJ	0.28 UJ
4-Bromophenyl Phenyl Ether	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Chloro-3-Methylphenol	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Chloroaniline	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Methylphenol (P-Cresol)	0.33	100	0.33		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Nitroaniline	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
4-Nitrophenol	NS	NS	NS		0.74 U	0.81 U	0.69 U	0.68 U	0.72 U	0.68 U	0.69 U
Acenaphthene	20	100	98		0.015 J	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Acenaphthylene	100	100	365		0.036 J	0.4 U	0.014 J	0.33 U	0.02 J	0.043 J	0.11 J
Acetophenone	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Anthracene	100	100	1,000		0.031 J	0.4 U	0.017 J	0.33 U	0.015 J	0.03 J	0.053 J
Atrazine	NS	NS	NS		0.15 U	0.16 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
Benzaldehyde	NS	NS	NS		0.36 UJ	0.4 UJ	0.34 UJ	0.33 U	0.35 U	0.34 UJ	0.34 UJ
Benzo(a)Anthracene	**1**	1.4	1		0.12	0.068	0.036	0.033 U	0.033 J	0.11	0.15
Benzo(a)Pyrene	**1**	1	22		0.21	0.088	0.03 J	0.033 U	0.023 J	0.15	0.31
Benzo(b)Fluoranthene	**1**	1.4	2.1		0.25	0.1	0.036	0.033 U	0.021 J	0.19	0.36
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000		0.21 J	0.069 J	0.023 J	0.33 U	0.015 J	0.14 J	0.29 J
Benzo(k)Fluoranthene	**0.8**	4.9	2		0.083	0.043	0.02 J	0.033 U	0.011 J	0.069	0.12
Benzyl Butyl Phthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Biphenyl (Diphenyl)	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.02 J
Caprolactam	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Carbazole	NS	NS	NS		0.015 J	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Chrysene	**1**	4.9	1		0.17 J	0.074 J	0.028 J	0.33 U	0.027 J	0.13 J	0.21 J
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000		0.036	0.04 U	0.034 U	0.033 U	0.035 U	0.031 J	0.061
Dibenzofuran	NS	18	110		0.012 J	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.011 J
Diethyl Phthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Dimethyl Phthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Di-N-Butyl Phthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Di-N-Octylphthalate	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Fluoranthene	85	100	1,000		0.17 J	0.089 J	0.043 J	0.33 U	0.043 J	0.19 J	0.2 J
Fluorene	30	100	386		0.022 J	0.4 U	0.34 U	0.33 U	0.013 J	0.34 U	0.018 J
Hexachlorobenzene	0.33	0.33	3.2		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
Hexachlorobutadiene	NS	NS	NS		0.074 U	0.081 U	0.069 U	0.068 U	0.072 U	0.068 U	0.069 U
Hexachlorocyclopentadiene	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Hexachloroethane	NS	NS	NS		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6		0.17	0.066	0.045	0.033 U	0.031 J	0.12	0.25
Isophorone	NS	NS	NS		0.15 U	0.16 U	0.14 U	0.13 U	0.14 U	0.14 U	0.14 U
Naphthalene	12	100	12		0.039 J	0.4 U	0.34 U	0.33 U	0.054 J	0.0089 J	0.028 J
Nitrobenzene	0.08	1.8	0.08		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
N-Nitrosodi-N-Propylamine	NS	NS	NS		0.036 U	0.04 U	0.034 U	0.033 U	0.035 U	0.034 U	0.034 U
N-Nitrosodiphenylamine	NS	NS	NS		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Pentachlorophenol	0.8	1.3	0.8		0.29 U	0.32 U	0.27 U	0.27 U	0.28 U	0.27 UJ	0.28 UJ
Phenanthrene	**1.1**	4.9	1,000		0.11 J	0.025 J	0.027 J	0.33 U	0.047 J	0.08 J	0.091 J
Phenol	0.33	100	0.33		0.36 U	0.4 U	0.34 U	0.33 U	0.35 U	0.34 U	0.34 U
Pyrene	64	100	1,000		0.2 J	0.092 J	0.036 J	0.33 U	0.058 J	0.15 J	0.21 J

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	RI-SB-01A_6-8_20240729	RI-SB-01A_10-12_20240729	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729	RI-SB-X_20240729	RI-SB-14A_6-8_20240729
			Lab Sample ID	460-308477-7	460-308477-8	460-308477-1	460-308477-2	460-308477-4	460-308477-3
			Sample Date	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024
			Dilution Factor	1	1	1	1	1	1
			Unit	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1	0.039 U	0.039 U	0.033 U	0.033 U	0.036 U	0.038 U
2,3,4,6-Tetrachlorophenol	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2,4,5-Trichlorophenol	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2,4,6-Trichlorophenol	NS	NS	NS	0.16 U	0.16 U	0.13 U	0.13 U	0.14 U	0.15 U
2,4-Dichlorophenol	NS	NS	NS	0.16 U	0.16 U	0.13 U	0.13 U	0.14 U	0.15 U
2,4-Dimethylphenol	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2,4-Dinitrophenol	NS	NS	NS	0.31 UJ	0.32 UJ	0.27 R	0.27 UJ	0.29 UJ	0.3 UJ
2,4-Dinitrotoluene	NS	NS	NS	0.078 UJ	0.08 UJ	0.068 UJ	0.067 UJ	0.073 UJ	0.076 UJ
2,6-Dinitrotoluene	NS	NS	NS	0.078 U	0.08 UJ	0.068 UJ	0.067 UJ	0.073 UJ	0.076 UJ
2-Chloronaphthalene	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2-Chlorophenol	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2-Methylnaphthalene	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2-Methylphenol (O-Cresol)	0.33	100	0.33	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2-Nitroaniline	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
2-Nitrophenol	NS	NS	NS	0.39 UJ	0.39 UJ	0.33 UJ	0.33 UJ	0.36 UJ	0.38 UJ
3- And 4- Methylphenol (Total)	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
3,3'-Dichlorobenzidine	NS	NS	NS	0.16 U	0.16 U	0.13 U	0.13 U	0.14 U	0.15 U
3-Nitroaniline	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	0.31 UJ	0.32 UJ	0.27 UJ	0.27 UJ	0.29 UJ	0.3 UJ
4-Bromophenyl Phenyl Ether	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Chloro-3-Methylphenol	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Chloroaniline	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Nitroaniline	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
4-Nitrophenol	NS	NS	NS	0.78 U	0.8 U	0.68 U	0.67 U	0.73 U	0.76 U
Acenaphthene	20	100	98	0.39 U	0.39 U	0.013 J	0.013 J	0.36 U	0.38 U
Acenaphthylene	100	100	365	0.39 U	0.39 U	0.012 J	0.092 J	0.36 U	0.38 U
Acetophenone	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Anthracene	100	100	1,000	0.39 U	0.39 U	0.04 J	0.11 J	0.36 U	0.38 U
Atrazine	NS	NS	NS	0.16 U	0.16 U	0.13 U	0.13 U	0.14 U	0.15 U
Benzaldehyde	NS	NS	NS	0.39 UJ	0.39 UJ	0.33 UJ	0.33 UJ	0.36 UJ	0.38 UJ
Benzo(a)Anthracene	**1**	1.4	1	0.039 U	0.039 U	0.15	0.39	0.036 U	0.038 U
Benzo(a)Pyrene	**1**	1	22	0.039 U	0.039 U	0.25	0.43	0.036 U	0.013 J
Benzo(b)Fluoranthene	**1**	1.4	2.1	0.039 U	0.039 U	0.3	0.52	0.036 U	0.016 J
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000	0.39 U	0.39 U	0.15 J	0.27 J	0.36 U	0.014 J
Benzo(k)Fluoranthene	**0.8**	4.9	2	0.039 U	0.039 U	0.11	0.21	0.036 U	0.013 J
Benzyl Butyl Phthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Biphenyl (Diphenyl)	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	0.039 U	0.039 U	0.033 U	0.033 U	0.036 U	0.038 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.02 J	0.36 U	0.38 U
Caprolactam	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Carbazole	NS	NS	NS	0.39 U	0.39 U	0.03 J	0.043 J	0.36 U	0.38 U
Chrysene	**1**	4.9	1	0.39 U	0.39 U	0.21 J	0.42	0.36 U	0.016 J
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000	0.039 U	0.039 U	0.042	0.084	0.036 U	0.038 U
Dibenzofuran	NS	18	110	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Diethyl Phthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Dimethyl Phthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Di-N-Butyl Phthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Di-N-Octylphthalate	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Fluoranthene	85	100	1,000	0.39 U	0.39 U	0.32 J	0.81	0.36 U	0.018 J
Fluorene	30	100	386	0.39 U	0.39 U	0.012 J	0.021 J	0.36 U	0.38 U
Hexachlorobenzene	0.33	0.33	3.2	0.039 U	0.039 U	0.033 U	0.033 U	0.036 U	0.038 U
Hexachlorobutadiene	NS	NS	NS	0.078 U	0.08 U	0.068 U	0.067 U	0.073 U	0.076 U
Hexachlorocyclopentadiene	NS	NS	NS	0.39 U	0.39 U	0.33 UJ	0.33 U	0.36 U	0.38 U
Hexachloroethane	NS	NS	NS	0.039 U	0.039 U	0.033 UJ	0.033 U	0.036 U	0.038 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6	0.039 U	0.039 U	0.15	0.26	0.036 U	0.016 J
Isophorone	NS	NS	NS	0.16 U	0.16 U	0.13 U	0.13 U	0.14 U	0.15 U
Naphthalene	12	100	12	0.39 U	0.39 U	0.0075 J	0.015 J	0.36 U	0.38 U
Nitrobenzene	0.08	1.8	0.08	0.039 U	0.039 U	0.033 U	0.033 U	0.036 U	0.038 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	0.039 U	0.039 U	0.033 U	0.033 U	0.036 U	0.038 U
N-Nitrosodiphenylamine	NS	NS	NS	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Pentachlorophenol	0.8	1.3	0.8	0.31 UJ	0.32 UJ	0.27 UJ	0.27 UJ	0.29 UJ	0.3 UJ
Phenanthrene	**1.1**	4.9	1,000	0.39 U	0.39 U	0.17 J	0.37	0.36 U	0.38 U
Phenol	0.33	100	0.33	0.39 U	0.39 U	0.33 U	0.33 U	0.36 U	0.38 U
Pyrene	64	100	1,000	0.39 U	0.39 U	0.35	0.69	0.36 U	0.018 J

Table 2B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Semivolatile Organic Compounds (SVOCs)

			AKRF Sample ID	RI-FB-01_20240506	RI-FB-02_20240510	RI-SB-FB-01_20240729
			Lab Sample ID	460-303359-16	460-303658-2	460-308477-10
			Sample Date	5/6/2024	5/10/2024	7/29/2024
			Dilution Factor	1	1	1
			Unit	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	NS	NS	NS	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	NS	5.7	0.1	0.2 U	0.2 U	4
2,3,4,6-Tetrachlorophenol	NS	NS	NS	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	NS	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	NS	NS	10 U	10 U	10 U
2,4-Dichlorophenol	NS	NS	NS	10 U	10 U	10 U
2,4-Dimethylphenol	NS	NS	NS	10 U	10 U	10 U
2,4-Dinitrophenol	NS	NS	NS	40 U	40 U	40 U
2,4-Dinitrotoluene	NS	NS	NS	10 U	10 U	10 U
2,6-Dinitrotoluene	NS	NS	NS	2 U	2 U	2 U
2-Chloronaphthalene	NS	NS	NS	10 U	10 U	10 U
2-Chlorophenol	NS	NS	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	NS	NS	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	0.33	100	0.33	10 U	10 U	10 U
2-Nitroaniline	NS	NS	NS	10 U	10 U	10 U
2-Nitrophenol	NS	NS	NS	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	NS	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	NS	NS	NS	10 U	10 U	10 U
3-Nitroaniline	NS	NS	NS	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	NS	NS	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	NS	NS	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	NS	NS	10 U	10 U	10 U
4-Chloroaniline	NS	NS	NS	10 U	10 UJ	10 U
4-Chlorophenyl Phenyl Ether	NS	NS	NS	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	10 U	10 U	10 U
4-Nitroaniline	NS	NS	NS	10 U	10 U	10 U
4-Nitrophenol	NS	NS	NS	20 U	20 U	20 U
Acenaphthene	20	100	98	10 U	10 U	10 U
Acenaphthylene	100	100	365	10 U	10 U	10 U
Acetophenone	NS	NS	NS	10 U	10 U	10 U
Anthracene	100	100	1,000	10 U	10 U	10 U
Atrazine	NS	NS	NS	2 U	2 U	2 U
Benzaldehyde	NS	NS	NS	10 UJ	10 U	10 UJ
Benzo(a)Anthracene	**1**	1.4	1	1 U	1 U	1 U
Benzo(a)Pyrene	**1**	1	22	1 U	1 U	1 U
Benzo(b)Fluoranthene	**1**	1.4	2.1	2 U	2 U	2 U
Benzo(g,h,i)Perylene	**0.64**	4.9	1,000	10 U	10 U	10 UJ
Benzo(k)Fluoranthene	**0.8**	4.9	2	1 U	1 U	1 U
Benzyl Butyl Phthalate	NS	NS	NS	10 U	10 U	10 U
Biphenyl (Diphenyl)	NS	NS	NS	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	NS	NS	NS	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	NS	NS	NS	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	NS	NS	NS	10 U	10 U	10 U
Bis(2-Ethylhexyl) Phthalate	NS	NS	NS	2 U	2 U	2 U
Caprolactam	NS	NS	NS	10 U	10 UJ	10 U
Carbazole	NS	NS	NS	10 U	10 U	10 U
Chrysene	**1**	4.9	1	2 U	2 U	2 U
Dibenz(a,h)Anthracene	**0.33**	0.33	1,000	1 U	1 U	1 UJ
Dibenzofuran	NS	18	110	10 U	10 U	10 U
Diethyl Phthalate	NS	NS	NS	10 U	10 U	10 U
Dimethyl Phthalate	NS	NS	NS	10 U	10 U	10 U
Di-N-Butyl Phthalate	NS	NS	NS	10 U	10 U	10 U
Di-N-Octylphthalate	NS	NS	NS	10 U	10 U	10 U
Fluoranthene	85	100	1,000	10 U	10 U	10 U
Fluorene	30	100	386	10 U	10 U	10 U
Hexachlorobenzene	0.33	0.33	3.2	1 U	1 U	1 U
Hexachlorobutadiene	NS	NS	NS	1 U	1 U	1 U
Hexachlorocyclopentadiene	NS	NS	NS	10 U	10 U	10 U
Hexachloroethane	NS	NS	NS	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	**0.5**	1.4	6.6	2 U	2 U	2 UJ
Isophorone	NS	NS	NS	10 U	10 U	10 U
Naphthalene	12	100	12	2 U	2 U	2 U
Nitrobenzene	0.08	1.8	0.08	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	NS	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	NS	NS	NS	10 U	10 U	10 U
Pentachlorophenol	0.8	1.3	0.8	20 U	20 U	20 U
Phenanthrene	**1.1**	4.9	1,000	10 U	10 U	10 U
Phenol	0.33	100	0.33	10 U	10 U	10 U
Pyrene	64	100	1,000	10 U	10 U	10 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508
				Lab Sample ID	460-303510-2	460-303510-1	460-303510-5	460-303510-3	460-303510-4
				Sample Date	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024
				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
Aldrin	0.0048	0.044	0.19		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0022 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0022 U
Chlordane (Technical)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
Chlordane, cis-	0.014	0.65	4.5		0.0074 J	0.0041 J	0.0075 U	0.0077 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0022 U
Dieldrin	0.005	0.075	0.1		0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0022 U
Endosulfan I	NS	NS	65		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Endosulfan II	NS	NS	44		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Endosulfan Sulfate	NS	NS	47		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Endrin Aldehyde	NS	NS	NS		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Endrin Ketone	NS	NS	NS		0.0076 UJ	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0023 U	0.0023 U	0.0022 U	0.0023 U	0.0022 U
Heptachlor	0.013	0.53	0.38		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Heptachlor Epoxide	NS	NS	NS		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
Methoxychlor	NS	NS	NS		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
P,P'-DDD	**0.0033**	5	14		0.0076 U	0.0077 U	0.0075 U	0.0077 U	0.0075 U
P,P'-DDE	**0.0033**	3.4	9.3		**0.0085**	**0.0048 J**	0.0075 U	0.0077 U	0.0075 U
P,P'-DDT	**0.0033**	3.8	135		**0.01**	**0.0035 J**	0.0075 U	0.0077 U	0.0075 U
Toxaphene	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-02_1-3_20240513	RI-SB-03_1-3_20240513	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506
				Lab Sample ID	460-303833-2	460-303833-1	460-303419-9	460-303419-10	460-303359-1
				Sample Date	5/13/2024	5/13/2024	5/7/2024	5/7/2024	5/6/2024
				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
Aldrin	0.0048	0.044	0.19		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0023 U	0.0027 U	0.002 U	0.002 U	0.0021 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0023 U	0.0027 U	0.002 U	0.002 U	0.0021 U
Chlordane (Technical)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
Chlordane, cis-	0.014	0.65	4.5		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0023 U	0.0027 U	0.002 U	0.002 U	0.0021 U
Dieldrin	0.005	0.075	0.1		0.0023 U	0.0027 U	0.002 U	0.002 U	0.0021 U
Endosulfan I	NS	NS	65		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Endosulfan II	NS	NS	44		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Endosulfan Sulfate	NS	NS	47		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Endrin Aldehyde	NS	NS	NS		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Endrin Ketone	NS	NS	NS		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0023 U	0.0027 U	0.002 U	0.002 U	0.0021 U
Heptachlor	0.013	0.53	0.38		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Heptachlor Epoxide	NS	NS	NS		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
Methoxychlor	NS	NS	NS		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
P,P'-DDD	**0.0033**	5	14		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0077 U	0.0089 U	0.0067 U	0.0068 U	0.007 U
P,P'-DDT	**0.0033**	3.8	135		0.0077 U	0.0089 U	0.0067 U	0.0068 U	**0.016**
Toxaphene	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506	RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506	RI-SB-06_4-6_20240506
				Lab Sample ID	460-303359-2	460-303359-4	460-303359-3	460-303359-9	460-303359-10
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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
Aldrin	0.0048	0.044	0.19		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0021 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0021 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U
Chlordane (Technical)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
Chlordane, cis-	0.014	0.65	4.5		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0021 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U
Dieldrin	0.005	0.075	0.1		0.0021 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U
Endosulfan I	NS	NS	65		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Endosulfan II	NS	NS	44		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Endosulfan Sulfate	NS	NS	47		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Endrin Aldehyde	NS	NS	NS		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 UJ
Endrin Ketone	NS	NS	NS		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0021 U	0.0022 U	0.0022 U	0.0021 U	0.0021 U
Heptachlor	0.013	0.53	0.38		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Heptachlor Epoxide	NS	NS	NS		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
Methoxychlor	NS	NS	NS		0.0071 U	0.0075 U	0.0075 U	0.007 U	0.0071 U
P,P'-DDD	**0.0033**	5	14		0.0071 U	**0.0047 J**	0.0075 U	0.007 U	0.0071 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0071 U	**0.036**	0.0075 U	0.007 U	0.0071 U
P,P'-DDT	**0.0033**	3.8	135		**0.0064 J**	**0.061**	0.0075 U	0.007 U	0.0071 UJ
Toxaphene	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506	RI-SB-07_4-6_20240506	RI-SB-07_6-8_20240506
				Lab Sample ID	460-303359-11	460-303359-8	460-303359-5	460-303359-6	460-303359-7
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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
Aldrin	0.0048	0.044	0.19		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0022 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0022 U
Chlordane (Technical)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
Chlordane, cis-	0.014	0.65	4.5		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0022 U
Dieldrin	0.005	0.075	0.1		0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0022 U
Endosulfan I	NS	NS	65		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Endosulfan II	NS	NS	44		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Endosulfan Sulfate	NS	NS	47		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Endrin Aldehyde	NS	NS	NS		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Endrin Ketone	NS	NS	NS		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0021 U	0.0021 U	0.002 U	0.0021 U	0.0022 U
Heptachlor	0.013	0.53	0.38		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Heptachlor Epoxide	NS	NS	NS		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Methoxychlor	NS	NS	NS		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
P,P'-DDD	**0.0033**	5	14		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
P,P'-DDT	**0.0033**	3.8	135		0.0072 U	0.0072 U	0.0068 U	0.007 U	0.0075 U
Toxaphene	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-08_1.5-3.5_20240510	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507	RI-SB-09_6-8_20240507
				Lab Sample ID	460-303658-3	460-303658-4	460-303419-1	460-303419-2	460-303419-3
				Sample Date	5/10/2024	5/10/2024	5/7/2024	5/7/2024	5/7/2024
				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
Aldrin	0.0048	0.044	0.19		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0021 U	0.0022 U	0.002 U	0.002 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0021 U	0.0022 U	0.002 U	0.002 U	0.002 U
Chlordane (Technical)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
Chlordane, cis-	0.014	0.65	4.5		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0021 U	0.0022 U	0.002 U	0.002 U	0.002 U
Dieldrin	0.005	0.075	0.1		0.0021 U	0.0022 U	0.002 U	0.002 U	0.002 U
Endosulfan I	NS	NS	65		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Endosulfan II	NS	NS	44		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Endosulfan Sulfate	NS	NS	47		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Endrin Aldehyde	NS	NS	NS		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Endrin Ketone	NS	NS	NS		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0021 U	0.0022 U	0.002 U	0.002 U	0.002 U
Heptachlor	0.013	0.53	0.38		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Heptachlor Epoxide	NS	NS	NS		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Methoxychlor	NS	NS	NS		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDD	**0.0033**	5	14		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
P,P'-DDT	**0.0033**	3.8	135		0.0071 U	0.0074 U	0.0067 U	0.0067 U	0.0067 U
Toxaphene	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507	RI-SB-10_4-6_20240507	RI-SB-10_8-10_20240507
				Lab Sample ID	460-303419-4	460-303419-11	460-303419-13	460-303419-12	460-303419-14
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				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
Aldrin	0.0048	0.044	0.19		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Chlordane (Technical)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
Chlordane, cis-	0.014	0.65	4.5		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Dieldrin	0.005	0.075	0.1		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Endosulfan I	NS	NS	65		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Endosulfan II	NS	NS	44		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Endosulfan Sulfate	NS	NS	47		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Endrin Aldehyde	NS	NS	NS		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Endrin Ketone	NS	NS	NS		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.002 U	0.002 U	0.002 U	0.002 U	0.002 U
Heptachlor	0.013	0.53	0.38		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Heptachlor Epoxide	NS	NS	NS		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
Methoxychlor	NS	NS	NS		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
P,P'-DDD	**0.0033**	5	14		0.0068 U	0.0067 U	0.0067 U	0.0067 U	0.0068 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0068 U	0.0067 U	0.0023 J	0.0067 U	0.0068 U
P,P'-DDT	**0.0033**	3.8	135		0.0068 U	0.0027 J	**0.0034 J**	0.0067 U	0.0068 U
Toxaphene	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507	RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507	RI-SB-12_0.5-2.5_20240510
				Lab Sample ID	460-303419-6	460-303419-5	460-303419-7	460-303419-8	460-303658-5
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/10/2024
				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
Aldrin	0.0048	0.044	0.19		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Chlordane (Technical)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
Chlordane, cis-	0.014	0.65	4.5		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Dieldrin	0.005	0.075	0.1		0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Endosulfan I	NS	NS	65		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Endosulfan II	NS	NS	44		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Endosulfan Sulfate	NS	NS	47		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Endrin Aldehyde	NS	NS	NS		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Endrin Ketone	NS	NS	NS		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Heptachlor	0.013	0.53	0.38		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Heptachlor Epoxide	NS	NS	NS		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
Methoxychlor	NS	NS	NS		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
P,P'-DDD	**0.0033**	5	14		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0067 U	0.0068 U	0.0067 U	0.0067 U	0.0074 U
P,P'-DDT	**0.0033**	3.8	135		**0.0046 J**	**0.0061 J**	0.0067 U	0.0067 U	0.0074 U
Toxaphene	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-13_1.5-3.5_20240513	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506	RI-SB-01A_0-0.2_20240729
				Lab Sample ID	460-303833-3	460-303359-12	460-303359-14	460-303359-15	460-308477-5
				Sample Date	5/13/2024	5/6/2024	5/6/2024	5/6/2024	7/29/2024
				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
Aldrin	0.0048	0.044	0.19		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0024 U	0.002 U	0.002 U	0.0021 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0024 U	0.002 U	0.002 U	0.0021 U	0.002 U
Chlordane (Technical)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
Chlordane, cis-	0.014	0.65	4.5		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0024 U	0.002 U	0.002 U	0.0021 U	0.002 U
Dieldrin	0.005	0.075	0.1		0.0024 U	0.002 U	0.002 U	0.0021 U	0.002 U
Endosulfan I	NS	NS	65		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Endosulfan II	NS	NS	44		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Endosulfan Sulfate	NS	NS	47		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Endrin Aldehyde	NS	NS	NS		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Endrin Ketone	NS	NS	NS		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0024 U	0.002 U	0.002 U	0.0021 U	0.002 U
Heptachlor	0.013	0.53	0.38		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Heptachlor Epoxide	NS	NS	NS		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Methoxychlor	NS	NS	NS		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
P,P'-DDD	**0.0033**	5	14		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
P,P'-DDT	**0.0033**	3.8	135		0.0082 U	0.0069 U	0.0068 U	0.0072 U	0.0068 U
Toxaphene	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-01A_0-2_20240729	RI-SB-01A_6-8_20240729	RI-SB-01A_10-12_20240729	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729
				Lab Sample ID	460-308477-6	460-308477-7	460-308477-8	460-308477-1	460-308477-2
				Sample Date	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024
				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
Aldrin	0.0048	0.044	0.19		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0021 U	0.0023 U	0.0024 U	0.002 U	0.002 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0021 U	0.0023 U	0.0024 U	0.002 U	0.002 U
Chlordane (Technical)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
Chlordane, cis-	0.014	0.65	4.5		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0021 U	0.0023 U	0.0024 U	0.002 U	0.002 U
Dieldrin	0.005	0.075	0.1		0.0021 U	0.0023 U	0.0024 U	0.002 U	0.002 U
Endosulfan I	NS	NS	65		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Endosulfan II	NS	NS	44		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Endosulfan Sulfate	NS	NS	47		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Endrin Aldehyde	NS	NS	NS		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Endrin Ketone	NS	NS	NS		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0021 U	0.0023 U	0.0024 U	0.002 U	0.002 U
Heptachlor	0.013	0.53	0.38		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Heptachlor Epoxide	NS	NS	NS		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Methoxychlor	NS	NS	NS		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
P,P'-DDD	**0.0033**	5	14		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
P,P'-DDT	**0.0033**	3.8	135		0.0069 U	0.0078 U	0.008 U	0.0068 U	0.0068 U
Toxaphene	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U

Table 2C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Pesticides

				AKRF Sample ID	RI-SB-X_20240729	RI-SB-14A_6-8_20240729	RI-FB-01_20240506	RI-FB-02_20240510	RI-SB-FB-01_20240729
				Lab Sample ID	460-308477-4	460-308477-3	460-303359-16	460-303658-2	460-308477-10
				Sample Date	7/29/2024	7/29/2024	5/6/2024	5/10/2024	7/29/2024
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	0.0048	0.044	0.19		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02		0.0022 U	0.0023 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09		0.0022 U	0.0023 U	0.02 U	0.02 U	0.02 U
Chlordane (Technical)	NS	NS	NS		0.073 U	0.076 U	0.5 U	0.5 U	0.5 U
Chlordane, cis-	0.014	0.65	4.5		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1		0.0022 U	0.0023 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.005	0.075	0.1		0.0022 U	0.0023 U	0.02 U	0.02 U	0.02 U
Endosulfan I	NS	NS	65		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Endosulfan II	NS	NS	44		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	NS	47		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	4.3	35	NS		0 U	0 U	0 U	0 U	0 U
Endrin	0.014	5.3	0.06		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 UJ
Endrin Aldehyde	NS	NS	NS		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	NS	NS	NS		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.025	0.21	0.05		0.0022 U	0.0023 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.013	0.53	0.38		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	NS	NS	NS		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Methoxychlor	NS	NS	NS		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	**0.0033**	5	14		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	**0.0033**	3.4	9.3		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	**0.0033**	3.8	135		0.0073 U	0.0076 U	0.02 U	0.02 U	0.02 U
Toxaphene	NS	NS	NS		0.073 U	0.076 U	0.5 U	0.5 U	0.5 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508
				Lab Sample ID	460-303510-2	460-303510-1	460-303510-5	460-303510-3	460-303510-4
				Sample Date	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U
Total PCBs	**0.1**	1	3.2		0.076 U	0.077 U	0.075 U	0.077 U	0.075 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-02_1-3_20240513	RI-SB-03_1-3_20240513	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506
				Lab Sample ID	460-303833-2	460-303833-1	460-303419-9	460-303419-10	460-303359-1
				Sample Date	5/13/2024	5/13/2024	5/7/2024	5/7/2024	5/6/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.15
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.077 U	0.089 U	0.067 U	0.068 U	0.07 U
Total PCBs	**0.1**	1	3.2		0.077 U	0.089 U	0.067 U	0.068 U	**0.15**

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506	RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506	RI-SB-06_4-6_20240506
				Lab Sample ID	460-303359-2	460-303359-4	460-303359-3	460-303359-9	460-303359-10
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.071 U	0.059 J	0.075 U	0.07 U	0.071 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.071 U	0.075 U	0.075 U	0.07 U	0.071 U
Total PCBs	**0.1**	1	3.2		0.071 U	0.059 J	0.075 U	0.07 U	0.071 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506	RI-SB-07_4-6_20240506	RI-SB-07_6-8_20240506
				Lab Sample ID	460-303359-11	460-303359-8	460-303359-5	460-303359-6	460-303359-7
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.072 U	0.072 U	0.077	0.07 U	0.075 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.072 U	0.072 U	0.068 U	0.07 U	0.075 U
Total PCBs	**0.1**	1	3.2		0.072 U	0.072 U	0.077	0.07 U	0.075 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-08_1.5-3.5_20240510	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507	RI-SB-09_6-8_20240507
				Lab Sample ID	460-303658-3	460-303658-4	460-303419-1	460-303419-2	460-303419-3
				Sample Date	5/10/2024	5/10/2024	5/7/2024	5/7/2024	5/7/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U
Total PCBs	**0.1**	1	3.2		0.071 U	0.074 U	0.067 U	0.067 U	0.067 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507	RI-SB-10_4-6_20240507	RI-SB-10_8-10_20240507
				Lab Sample ID	460-303419-4	460-303419-11	460-303419-13	460-303419-12	460-303419-14
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U
Total PCBs	**0.1**	1	3.2		0.068 U	0.067 U	0.067 U	0.067 U	0.068 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507	RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507	RI-SB-12_0.5-2.5_20240510
				Lab Sample ID	460-303419-6	460-303419-5	460-303419-7	460-303419-8	460-303658-5
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/10/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U
Total PCBs	**0.1**	1	3.2		0.067 U	0.068 U	0.067 U	0.067 U	0.074 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-13_1.5-3.5_20240513	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506	RI-SB-01A_0-0.2_20240729
				Lab Sample ID	460-303833-3	460-303359-12	460-303359-14	460-303359-15	460-308477-5
				Sample Date	5/13/2024	5/6/2024	5/6/2024	5/6/2024	7/29/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U
Total PCBs	**0.1**	1	3.2		0.082 U	0.069 U	0.068 U	0.072 U	0.068 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-01A_0-2_20240729	RI-SB-01A_6-8_20240729	RI-SB-01A_10-12_20240729	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729
				Lab Sample ID	460-308477-6	460-308477-7	460-308477-8	460-308477-1	460-308477-2
				Sample Date	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024
				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
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U
Total PCBs	**0.1**	1	3.2		0.069 U	0.078 U	0.08 U	0.068 U	0.068 U

Table 2D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Polychlorinated Biphenyls (PCBs)

				AKRF Sample ID	RI-SB-X_20240729	RI-SB-14A_6-8_20240729	RI-FB-01_20240506	RI-FB-02_20240510	RI-SB-FB-01_20240729
				Lab Sample ID	460-308477-4	460-308477-3	460-303359-16	460-303658-2	460-308477-10
				Sample Date	7/29/2024	7/29/2024	5/6/2024	5/10/2024	7/29/2024
				Dilution Factor	1	1	1	1	1
				Unit	mg/kg	mg/kg	µg/L	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	NS	NS		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U
Total PCBs	**0.1**	1	3.2		0.073 U	0.076 U	0.4 U	0.4 U	0.4 U

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508
			Lab Sample ID	460-303510-2	460-303510-1	460-303510-5	460-303510-3	460-303510-4
			Sample Date	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024
			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
Aluminum	NS	NS	NS	8,060	7,800	16,800	15,700	8,430
Antimony	NS	NS	NS	0.17 J	0.9 U	0.21 J	0.88 U	0.89 U
Arsenic	13	16	16	2	2.3	2.2	6	1.8
Barium	**410**	410	820	93.5	63.3	125	133	70.2
Beryllium	4.4	43	47	0.21 J	0.26 J	0.57	0.62	0.28 J
Cadmium	2.5	2.5	7.5	0.11 J	0.9 U	0.2 J	0.88 U	0.11 J
Calcium	NS	NS	NS	8,470	2,760	8,050	2,570	4,650
Chromium, Hexavalent	**1**	1	19	2.3 U	2.3 U	2.2 U	2.3 U	2.2 U
Chromium, Total	NS	NS	NS	20	20.7	26.8	23.6	15.6
Cobalt	NS	NS	NS	7.8	4.9	7.9	9.2	5.1
Copper	**50**	280	1,720	31.3	14	13.1	10	12.2
Cyanide, Free	2.3	13	40	0.25 U	0.25 U	0.23 U	0.24 U	0.27 U
Iron	NS	NS	NS	15,200	11,800	20,200	36,800	12,800
Lead	**63**	400	450	**77.4**	20.1	13.8	9.3	4.4
Magnesium	NS	NS	NS	4,200	3,820	4,690	4,970	5,200
Manganese	1,600	2,000	2,000	193	201	807	259	123
Mercury	**0.18**	0.3	0.73	0.1	0.059	0.068	0.029	0.018 U
Nickel	**30**	320	130	17.4	13.8	15.6	16.7	11.2
Potassium	NS	NS	NS	1,190	1,600	1,870	1,670	2,340
Selenium	4	110	4	0.16 J	0.12 J	0.55 J	0.34 J	0.24 J
Silver	**2**	110	8.3	0.34 U	0.36 U	0.34 U	0.35 U	0.36 U
Sodium	NS	NS	NS	119	80.8 J	142	242	248
Thallium	NS	NS	NS	0.094 J	0.11 J	0.21 J	0.19 J	0.13 J
Vanadium	NS	NS	NS	22.2	19.2	35.5	41.5	24.2
Zinc	**109**	6,600	2,480	**151**	43.7	**157**	68.3	36.3

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-02_1-3_20240513	RI-SB-03_1-3_20240513	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506
				Lab Sample ID	460-303833-2	460-303833-1	460-303419-9	460-303419-10	460-303359-1
				Sample Date	5/13/2024	5/13/2024	5/7/2024	5/7/2024	5/6/2024
				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
Aluminum	NS	NS	NS		11,200	10,300	5,250	10,600	10,600
Antimony	NS	NS	NS		0.51 J	0.98 J	0.19 J	0.94 U	0.28 JL
Arsenic	13	16	16		2.4	7.2	3.9	1.5	4.4
Barium	**410**	410	820		91.1	194	229	53.4	213
Beryllium	4.4	43	47		0.37	0.42	0.34 J	0.37 J	0.4 J
Cadmium	2.5	2.5	7.5		0.2 J	0.64 J	0.3 J	0.12 J	0.52 J
Calcium	NS	NS	NS		12,100	11,600	16,400	1,830	4,330
Chromium, Hexavalent	**1**	1	19		2.3 U	2.7 U	2 U	2 U	**1.2 J**
Chromium, Total	NS	NS	NS		18	21.6	9.1	16.1	17.9
Cobalt	NS	NS	NS		49.3	9.9	5	5.5	6.7
Copper	**50**	280	1,720		22.2	36.4	**52.8**	7.7	39.9 JL
Cyanide, Free	2.3	13	40		0.25 U	0.31 U	0.2 U	0.21 U	0.22 U
Iron	NS	NS	NS		17,900	18,900	7,380	15,000	16,700
Lead	**63**	400	450		**181**	**218**	**234**	9.5	**521**
Magnesium	NS	NS	NS		6,760	6,000	3,400	3,000	4,170
Manganese	1,600	2,000	2,000		227	284	136	134	262
Mercury	**0.18**	0.3	0.73		0.18	0.075	**0.23**	0.093	**0.21**
Nickel	**30**	320	130		24.4	16.4	11	9.3	13.7
Potassium	NS	NS	NS		1,910	2,330	833	641	1,300
Selenium	4	110	4		0.32 J	0.85 J	0.39 J	0.45 J	0.31 J
Silver	**2**	110	8.3		0.083 J	0.26 J	0.38 U	0.38 U	0.18 J
Sodium	NS	NS	NS		247	275	192	109	107
Thallium	NS	NS	NS		0.14 J	0.24 J	0.11 J	0.13 J	0.14 J
Vanadium	NS	NS	NS		30.8	30.9	17.4	24.4	26
Zinc	**109**	6,600	2,480		91.2	**245**	**128**	37	**217**

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506		RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506
				Lab Sample ID	460-303359-2	460-303359-4		460-303359-3	460-303359-9
				Sample Date	5/6/2024	5/6/2024		5/6/2024	5/6/2024
				Dilution Factor	1	1	5	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
Aluminum	NS	NS	NS		12,100	5,570	NR	11,600	5,330
Antimony	NS	NS	NS		0.22 J	0.16 J	NR	1.1 U	0.31 J
Arsenic	13	16	16		3	9.3	NR	2.4	3.5
Barium	**410**	410	820		134	NR	**2,480**	115	63
Beryllium	4.4	43	47		0.39	0.2 J	NR	0.58	0.21 J
Cadmium	2.5	2.5	7.5		0.36 J	0.95 J	NR	0.22 J	0.52 J
Calcium	NS	NS	NS		2,360	63,500	NR	4,990	29,900
Chromium, Hexavalent	**1**	1	19		2.1 U	2.2 U	NR	2.2 U	2 U
Chromium, Total	NS	NS	NS		19.8	13.9	NR	21.5	8.8
Cobalt	NS	NS	NS		6.4	7	NR	7.4	3.7
Copper	**50**	280	1,720		19	15.5	NR	25	**77.6**
Cyanide, Free	2.3	13	40		0.21 U	0.22 U	NR	0.22 U	0.2 U
Iron	NS	NS	NS		15,500	10,200	NR	19,100	9,330
Lead	**63**	400	450		**188**	**933**	NR	29.6	**115**
Magnesium	NS	NS	NS		3,360	9,180	NR	4,440	15,200
Manganese	1,600	2,000	2,000		341	183	NR	96.7	153
Mercury	**0.18**	0.3	0.73		0.078	0.06	NR	0.052	**0.6**
Nickel	**30**	320	130		14	11	NR	18.8	8.2
Potassium	NS	NS	NS		1,300	1,330	NR	1,490	840
Selenium	4	110	4		0.34 J	0.23 J	NR	0.98 J	0.35 J
Silver	**2**	110	8.3		0.12 J	0.42 U	NR	0.43 U	0.38 U
Sodium	NS	NS	NS		63.7 J	126	NR	239	164
Thallium	NS	NS	NS		0.13 J	0.09 J	NR	0.3 J	0.079 J
Vanadium	NS	NS	NS		27.3	16.6	NR	30.2	15.9
Zinc	**109**	6,600	2,480		**136**	**1,570**	NR	96.2	**254**

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-06_4-6_20240506	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506	RI-SB-07_4-6_20240506
				Lab Sample ID	460-303359-10	460-303359-11	460-303359-8	460-303359-5	460-303359-6
				Sample Date	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				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
Aluminum	NS	NS	NS		11,100	5,770	5,830	6,310	10,900
Antimony	NS	NS	NS		1.1 UJ	0.96 U	1 U	0.2 J	0.96 U
Arsenic	13	16	16		1.9	1.3	2.2	4.4	1.4
Barium	**410**	410	820		70.2	50.9	53.5	112	119
Beryllium	4.4	43	47		0.34 J	0.15 J	0.18 J	0.26 J	0.24 J
Cadmium	2.5	2.5	7.5		1.1 U	0.96 U	1 U	0.36 J	0.96 U
Calcium	NS	NS	NS		1,950 JK	14,900	13,800	72,900	13,700
Chromium, Hexavalent	**1**	1	19		2.1 U	2.1 U	2.1 U	2 U	2 U
Chromium, Total	NS	NS	NS		17.1	12.2	15.2	13.4	22.5
Cobalt	NS	NS	NS		6.1	4.8	4.5	4.7	10.2
Copper	**50**	280	1,720		13 JK	16.3	18.9	29.3	25.3
Cyanide, Free	2.3	13	40		0.25 U	0.24 U	0.23 U	0.24 U	0.25 U
Iron	NS	NS	NS		15,700	11,500	11,500	11,800	22,100
Lead	**63**	400	450		39.2	10 J	35.2 J	**201**	4
Magnesium	NS	NS	NS		3,600	10,800	9,620	35,700	10,300
Manganese	1,600	2,000	2,000		177	228	127	198	158
Mercury	**0.18**	0.3	0.73		0.044	0.015 J	0.039	0.18	0.016 U
Nickel	**30**	320	130		11.5	10.2	9.6	10.3	19
Potassium	NS	NS	NS		1,260 J	1,820	1,400	1,450	5,560
Selenium	4	110	4		0.43 J	1.2 U	0.19 J	0.32 J	1.2 U
Silver	**2**	110	8.3		0.42 U	0.38 U	0.4 U	0.12 J	0.39 U
Sodium	NS	NS	NS		126	122	147	171	151
Thallium	NS	NS	NS		0.12 J	0.09 J	0.076 J	0.11 J	0.23 J
Vanadium	NS	NS	NS		24.9 JK	18	19.9	19.1	35.6
Zinc	**109**	6,600	2,480		43.5	24.9	47.8	**141**	43.8

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-07_6-8_20240506	RI-SB-08_1.5-3.5_20240510	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507
				Lab Sample ID	460-303359-7	460-303658-3	460-303658-4	460-303419-1	460-303419-2
				Sample Date	5/6/2024	5/10/2024	5/10/2024	5/7/2024	5/7/2024
				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
Aluminum	NS	NS	NS		5,190	9,930	10,300	9,490	5,860
Antimony	NS	NS	NS		1 U	0.84 UJ	0.82 UJ	0.98 U	0.92 U
Arsenic	13	16	16		7.6	1.5	1.6	2.3	3.5
Barium	**410**	410	820		39.7	103	112	139	63.9
Beryllium	4.4	43	47		0.22 J	0.34	0.35	0.32 J	0.24 J
Cadmium	2.5	2.5	7.5		1 U	0.13 J	0.14 J	0.11 J	0.13 J
Calcium	NS	NS	NS		47,900	20,800	14,400	45,600	38,100
Chromium, Hexavalent	**1**	1	19		2.2 U	2.1 U	2.2 U	2 U	2 U
Chromium, Total	NS	NS	NS		9.9	20.3	21.2	94.9	13.8
Cobalt	NS	NS	NS		4.3	8	8.4	7.6	5
Copper	**50**	280	1,720		16.9	19.8	20.4	17.7	24.3
Cyanide, Free	2.3	13	40		0.24 U	0.24 U	0.25 U	0.23	0.2 U
Iron	NS	NS	NS		11,200	16,500	17,400	11,200	11,400
Lead	**63**	400	450		6.8	49.9	**71.8**	23.5	53.7
Magnesium	NS	NS	NS		8,670	10,000	9,180	10,800	11,500
Manganese	1,600	2,000	2,000		128	178	177	161	149
Mercury	**0.18**	0.3	0.73		0.019 U	0.039 JK	0.065 JK	0.017 U	0.061
Nickel	**30**	320	130		8.6	15.4	17	**34.5**	9.2
Potassium	NS	NS	NS		2,070	4,160	4,180	2,650	1,310
Selenium	4	110	4		1.5	0.28 J	0.3 J	0.17 J	1.1 U
Silver	**2**	110	8.3		0.42 U	0.34 UJ	0.33 UJ	0.39 U	0.37 U
Sodium	NS	NS	NS		161	1,360 JL	2,110 JL	160	212
Thallium	NS	NS	NS		0.14 J	0.21 J	0.21 J	0.17 J	0.091 J
Vanadium	NS	NS	NS		17.1	30.7	32.5	29.9	29.9
Zinc	**109**	6,600	2,480		22.4	63.4	74.1	39.7	52.5

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-09_6-8_20240507	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507	RI-SB-10_4-6_20240507
				Lab Sample ID	460-303419-3	460-303419-4	460-303419-11	460-303419-13	460-303419-12
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				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
Aluminum	NS	NS	NS		9,910	5,060	6,840	7,040	8,690
Antimony	NS	NS	NS		0.9 U	0.93 U	0.21 J	0.35 J	0.16 J
Arsenic	13	16	16		2.1	0.61 J	6.1	6.4	2.6
Barium	**410**	410	820		91.6	52.2	226	155	70.3
Beryllium	4.4	43	47		0.18 J	0.17 J	0.31 J	0.34 J	0.21 J
Cadmium	2.5	2.5	7.5		0.9 U	0.93 U	0.84 J	0.85 J	0.4 J
Calcium	NS	NS	NS		1,870	9,270	33,500	2,240	2,870
Chromium, Hexavalent	**1**	1	19		2 U	1.9 U	1.9 U	1.9 U	2 U
Chromium, Total	NS	NS	NS		20.5	10.9	18	21.5	21.2
Cobalt	NS	NS	NS		8.1	4.6	4.3	4.6	8.7
Copper	**50**	280	1,720		47.2	14.5	22.8	27	**52.1**
Cyanide, Free	2.3	13	40		0.22 U	0.23 U	0.24 U	0.2 U	0.22 U
Iron	NS	NS	NS		26,800	11,000	10,300	10,900	17,800
Lead	**63**	400	450		1.7	2.4	**267**	**273**	**133**
Magnesium	NS	NS	NS		6,370	7,170	18,100	2,060	5,310
Manganese	1,600	2,000	2,000		282	199	228	229	194
Mercury	**0.18**	0.3	0.73		0.016 U	0.016 U	**0.23**	**0.27**	0.032
Nickel	**30**	320	130		14.9	8.9	10.3	12	17
Potassium	NS	NS	NS		3,850	2,050	793	607	2,580
Selenium	4	110	4		1.1 U	1.2 U	0.27 J	0.37 J	0.18 J
Silver	**2**	110	8.3		0.36 U	0.37 U	0.24 J	0.27 J	0.1 J
Sodium	NS	NS	NS		55.3 J	152	114	64.8 J	112
Thallium	NS	NS	NS		0.2 J	0.11 J	0.12 J	0.1 J	0.18 J
Vanadium	NS	NS	NS		52.9	16.6	25.3	24.3	28.6
Zinc	**109**	6,600	2,480		45	20.6	**187**	**207**	**215**

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-10_8-10_20240507	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507	RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507
				Lab Sample ID	460-303419-14	460-303419-6	460-303419-5	460-303419-7	460-303419-8
				Sample Date	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				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
Aluminum	NS	NS	NS		3,760	8,790	8,340	8,200	4,860
Antimony	NS	NS	NS		0.98 U	0.32 JL	0.37 J	0.28 J	0.93 U
Arsenic	13	16	16		0.65 J	4.7	4.2	4.5	1.9
Barium	**410**	410	820		21.6	254	103	**431**	35.2
Beryllium	4.4	43	47		0.13 J	0.43	0.34 J	0.47	0.23 J
Cadmium	2.5	2.5	7.5		0.98 U	0.64 J	0.6 J	0.46 J	0.93 U
Calcium	NS	NS	NS		885	9,990 J	3,560	7,830	56,400
Chromium, Hexavalent	**1**	1	19		2 U	2 U	2 U	2 U	2 U
Chromium, Total	NS	NS	NS		6.6	17.7	20.1	16	10.6
Cobalt	NS	NS	NS		2.6	5.8	5.2	6	4.9
Copper	**50**	280	1,720		5	33 JL	24.7	44.6	10.2
Cyanide, Free	2.3	13	40		0.2 U	0.24 U	0.14 J	0.13 J	0.48
Iron	NS	NS	NS		7,060	13,400	13,200	13,900	10,500
Lead	**63**	400	450		2	**405**	**219**	**1,080**	3.6
Magnesium	NS	NS	NS		1,770	3,890	2,480	3,420	5,110
Manganese	1,600	2,000	2,000		62.2	208 J	282	152	127
Mercury	**0.18**	0.3	0.73		0.017 U	**0.22**	**0.29**	0.11	0.017 U
Nickel	**30**	320	130		5.4	12.7	12.6	13	9.4
Potassium	NS	NS	NS		1,180	1,610	975	1,450	1,580
Selenium	4	110	4		0.24 J	0.45 J	0.43 J	0.72 J	0.25 J
Silver	**2**	110	8.3		0.39 U	0.19 J	0.22 J	0.21 J	0.37 U
Sodium	NS	NS	NS		103	198	113	381	169
Thallium	NS	NS	NS		0.057 J	0.17 J	0.12 J	0.14 J	0.13 J
Vanadium	NS	NS	NS		9.4	25.3	22.9	21.7	14.2
Zinc	**109**	6,600	2,480		14.6	**255**	**173**	**221**	21.9

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-12_0.5-2.5_20240510	RI-SB-13_1.5-3.5_20240513	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506
			Lab Sample ID	460-303658-5	460-303833-3	460-303359-12	460-303359-14	460-303359-15
			Sample Date	5/10/2024	5/13/2024	5/6/2024	5/6/2024	5/6/2024
			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
Aluminum	NS	NS	NS	9,560	11,000	10,700	4,130	6,280
Antimony	NS	NS	NS	0.77 U	1.7	0.96 U	0.91 U	0.99 U
Arsenic	13	16	16	2.1	2.8	1.6	0.54 J	0.68 J
Barium	**410**	410	820	141	110	67.6	24.7	51.9
Beryllium	4.4	43	47	0.4	0.39	0.32 J	0.11 J	0.18 J
Cadmium	2.5	2.5	7.5	0.21 J	0.21 J	0.96 U	0.91 U	0.99 U
Calcium	NS	NS	NS	9,910	14,900	1,690	3,120	1,390
Chromium, Hexavalent	**1**	1	19	2.2 U	2.5 U	2 U	2 U	2.1 U
Chromium, Total	NS	NS	NS	19.1	22.4	40.6	5.3	12
Cobalt	NS	NS	NS	6.8	8	8.1	3.8	5.3
Copper	**50**	280	1,720	21.2	20.9	17.7	10.2	13.5
Cyanide, Free	2.3	13	40	0.26 U	0.24 U	0.23 U	0.22 U	0.26 U
Iron	NS	NS	NS	15,600	18,700	20,500	8,330	11,300
Lead	**63**	400	450	**123**	**285**	13.1	2.1	3.3
Magnesium	NS	NS	NS	6,070	7,580	3,930	1,830	2,990
Manganese	1,600	2,000	2,000	213	397	471	82.3	70.9
Mercury	**0.18**	0.3	0.73	**0.2**	**0.43**	0.015 J	0.016 U	0.017 U
Nickel	**30**	320	130	13.3	15.8	14.1	5.7	11.2
Potassium	NS	NS	NS	2,220	2,550	2,330	1,060	2,750
Selenium	4	110	4	0.39 J	0.3 J	0.14 J	1.1 U	1.2 U
Silver	**2**	110	8.3	0.069 J	0.091 J	0.38 U	0.36 U	0.4 U
Sodium	NS	NS	NS	288	256	84.9 J	323	287
Thallium	NS	NS	NS	0.16 J	0.16 J	0.13 J	0.048 J	0.12 J
Vanadium	NS	NS	NS	28.5	32.5	26.9	15	17.8
Zinc	**109**	6,600	2,480	91.2	99	38	15.4	25.5

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-SB-01A_0-0.2_20240729		RI-SB-01A_0-2_20240729	RI-SB-01A_6-8_20240729	RI-SB-01A_10-12_20240729
			Lab Sample ID	460-308477-5		460-308477-6	460-308477-7	460-308477-8
			Sample Date	7/29/2024		7/29/2024	7/29/2024	7/29/2024
			Dilution Factor	1	2	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
Aluminum	NS	NS	NS	7,340	NR	11,700	13,100	11,000
Antimony	NS	NS	NS	0.55 J	NR	0.14 J	0.98 U	1.1 U
Arsenic	13	16	16	9.7	NR	3.3	5.8	1.4
Barium	**410**	410	820	129	NR	126	108	113
Beryllium	4.4	43	47	0.32 J	NR	0.4	0.64	0.35 J
Cadmium	2.5	2.5	7.5	0.3 J	NR	0.28 J	0.48 J	1.1 U
Calcium	NS	NS	NS	9,570	NR	12,200	2,860	9,160
Chromium, Hexavalent	**1**	1	19	2.1 U	NR	2.1 U	2.3 U	2.4 U
Chromium, Total	NS	NS	NS	20.9	NR	22.5	23.6	23.2
Cobalt	NS	NS	NS	8.6	NR	7.4	12.3	9.7
Copper	**50**	280	1,720	42.1	NR	26.7	16	19.7
Cyanide, Free	2.3	13	40	0.2 U	NR	0.21 U	0.28 U	0.26 U
Iron	NS	NS	NS	NR	58,600 D	19,400	33,500	18,500
Lead	**63**	400	450	**351**	NR	**219**	11.1	6.7
Magnesium	NS	NS	NS	4,520	NR	7,110	4,440	10,100
Manganese	1,600	2,000	2,000	299	NR	208	419	174
Mercury	**0.18**	0.3	0.73	0.086	NR	0.079	0.035	0.019 U
Nickel	**30**	320	130	20.1	NR	15.8	17.5	20
Potassium	NS	NS	NS	1,370	NR	2,820	1,680	4,080
Selenium	4	110	4	0.4 J	NR	0.51 J	0.43 J	1.4 U
Silver	**2**	110	8.3	0.35 U	NR	0.15 J	0.39 U	0.44 U
Sodium	NS	NS	NS	147	NR	268	243	191
Thallium	NS	NS	NS	0.11 J	NR	0.19 J	0.18 J	0.21 J
Vanadium	NS	NS	NS	21.8	NR	33.1	41.3	31.9
Zinc	**109**	6,600	2,480	**137**	NR	**115**	71.7	53.5

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

				AKRF Sample ID	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729	RI-SB-X_20240729	RI-SB-14A_6-8_20240729	RI-FB-01_20240506
				Lab Sample ID	460-308477-1	460-308477-2	460-308477-4	460-308477-3	460-303359-16
				Sample Date	7/29/2024	7/29/2024	7/29/2024	7/29/2024	5/6/2024
				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
Aluminum	NS	NS	NS		6,220	8,410	5,640	5,930	25.6 J
Antimony	NS	NS	NS		1 UJ	0.16 J	0.97 U	1.1 U	2 U
Arsenic	13	16	16		2.9 JK	3.1	0.86 J	0.7 J	2 U
Barium	**410**	410	820		315 J	158	53.7	43.2	13.5
Beryllium	4.4	43	47		0.23 J	0.34 J	0.22 J	0.21 J	0.8 U
Cadmium	2.5	2.5	7.5		0.23 J	0.49 J	0.97 U	1.1 U	2 U
Calcium	NS	NS	NS		48,500	57,800	36,000	28,400	5,840
Chromium, Hexavalent	**1**	1	19		2 U	2.1 U	2.2 U	2.2 U	10 U
Chromium, Total	NS	NS	NS		14.7	20.3	12.7	12	4 U
Cobalt	NS	NS	NS		5.9 JL	4.7	5.3	5.4	4 U
Copper	**50**	280	1,720		27.7 J	13	12	14.5	146
Cyanide, Free	2.3	13	40		0.24 U	0.22 U	0.22 U	0.23 U	NR
Iron	NS	NS	NS		12,700	11,900	11,300	11,900	75.3 J
Lead	**63**	400	450		50.7 J	**159**	8.9 J	3.2 J	1.2 U
Magnesium	NS	NS	NS		16,200	27,500	4,160	6,370	1,960
Manganese	1,600	2,000	2,000		190 JL	192	119	133	8.9
Mercury	**0.18**	0.3	0.73		0.055	**0.19**	0.018 U	0.018 U	0.2 U
Nickel	**30**	320	130		11.6	10	9.6	9.6	4 U
Potassium	NS	NS	NS		2,620	978	2,200	2,030	655
Selenium	4	110	4		0.19 J	0.27 J	1.2 U	1.3 U	2.5 U
Silver	**2**	110	8.3		0.4 U	0.36 U	0.39 U	0.43 U	2 U
Sodium	NS	NS	NS		149	263	164	173	10,200
Thallium	NS	NS	NS		0.14 J	0.1 J	0.11 J	0.13 J	0.8 U
Vanadium	NS	NS	NS		20.5 JL	22.3	17.6	16.9	4 U
Zinc	**109**	6,600	2,480		**169 JL**	**154**	25.4	22.3	10.6 J

Table 2E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Metals

			AKRF Sample ID	RI-FB-02_20240510	RI-SB-FB-01_20240729
			Lab Sample ID	460-303658-2	460-308477-10
			Sample Date	5/10/2024	7/29/2024
			Dilution Factor	1	1
			Unit	µg/L	µg/L
Compound	**UUSCO**	**RRSCO**	**PGWSCO**	CONC Q	CONC Q
Aluminum	NS	NS	NS	40 U	40 U
Antimony	NS	NS	NS	2 U	2 U
Arsenic	13	16	16	2 U	2 U
Barium	**410**	410	820	4 U	4 U
Beryllium	4.4	43	47	0.8 U	0.8 U
Cadmium	2.5	2.5	7.5	2 U	2 U
Calcium	NS	NS	NS	500 U	500 U
Chromium, Hexavalent	**1**	1	19	10 U	10 U
Chromium, Total	NS	NS	NS	4 U	4 U
Cobalt	NS	NS	NS	4 U	4 U
Copper	**50**	280	1,720	4 U	4 U
Cyanide, Free	2.3	13	40	NR	NR
Iron	NS	NS	NS	120 U	120 U
Lead	**63**	400	450	1.2 U	1.2 U
Magnesium	NS	NS	NS	200 U	200 U
Manganese	1,600	2,000	2,000	8 U	8 U
Mercury	**0.18**	0.3	0.73	0.2 U	0.2 U
Nickel	**30**	320	130	4 U	4 U
Potassium	NS	NS	NS	200 U	200 U
Selenium	4	110	4	2.5 U	2.5 U
Silver	**2**	110	8.3	2 U	2 U
Sodium	NS	NS	NS	500 U	500 U
Thallium	NS	NS	NS	0.8 U	0.8 U
Vanadium	NS	NS	NS	4 U	4 U
Zinc	**109**	6,600	2,480	16 U	16 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-01_0-2_20240508	RI-SB-01_SURFACE_20240508	RI-SB-01_2-4_20240508	RI-SB-01_6-8_20240508	RI-SB-01_10-12_20240508
				Laboratory Sample ID	460-303515-2	460-303515-1	460-303515-3	460-303515-4	460-303515-5
				Date Sampled	5/8/2024	5/8/2024	5/8/2024	5/8/2024	5/8/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.24 U	2.62 U	2.4 U	2.29 U	2.32 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.24 U	2.62 U	2.4 U	2.29 U	2.32 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		5.6 U	6.54 U	6.01 U	5.74 U	5.81 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		5.6 U	6.54 U	6.01 U	5.74 U	5.81 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		1.12 U	1.31 U	1.2 U	1.15 U	1.16 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.15 J	0.099 J	0.24 U	0.23 U	0.23 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.45 U	0.52 U	0.48 U	0.46 U	0.46 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.45 U	0.52 U	0.48 U	0.46 U	0.46 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.45 U	0.52 U	0.48 U	0.46 U	0.46 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.45 U	0.52 U	0.48 U	0.46 U	0.46 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.16 J	0.15 J	0.24 U	0.23 U	0.23 U
Perfluorobutanoic acid	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U
Perfluorodecanesulfonic acid	NS	NS	NS		0.1 J	0.11 J	0.24 U	0.23 U	0.23 U
Perfluorodecanoic acid	NS	NS	NS		0.14 J	0.1 J	0.24 U	0.23 U	0.23 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
Perfluorododecanoic acid	NS	NS	NS		0.074 J	0.099 J	0.24 U	0.23 U	0.23 U
Perfluoroheptanesulfonic acid	NS	NS	NS		0.22 U	0.26 U	0.072 J	0.23 U	0.23 U
Perfluoroheptanoic acid	NS	NS	NS		0.16 J	0.14 J	0.11 J	0.23 U	0.23 U
Perfluorohexanesulfonic acid	NS	NS	NS		0.22 U	0.26 U	0.072 J	0.23 U	0.23 U
Perfluorohexanoic acid	NS	NS	NS		0.39	0.29	0.24	0.23 U	0.23 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
Perfluorononanoic acid	NS	NS	NS		0.37	0.25 J	0.16 J	0.23 U	0.23 U
Perfluorooctanesulfonamide	NS	NS	NS		0.16 J	0.085 J	0.24 U	0.23 U	0.23 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		0.67	0.39	**2.07**	0.076 J	0.23 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.31	0.28	0.54	0.063 J	0.23 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
Perfluoropentanoic acid	NS	NS	NS		0.4 J	0.34 J	0.2 J	0.46 U	0.46 U
Perfluorotetradecanoic acid	NS	NS	NS		0.22 U	0.26 U	0.24 U	0.23 U	0.23 U
Perfluorotridecanoic acid	NS	NS	NS		0.22 UJ	0.26 UJ	0.24 UJ	0.23 UJ	0.23 UJ
Perfluoroundecanoic acid	NS	NS	NS		0.11 J	0.11 J	0.24 U	0.23 U	0.23 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.9 U	1.05 U	0.96 U	0.92 U	0.93 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-02_1-3_20240513	RI-SB-03_1-3_20240513	RI-SB-04_0-2_20240507	RI-SB-04_4-6_20240507	RI-SB-05_0-2_20240506
				Laboratory Sample ID	460-303881-2	460-303881-1	460-303424-9	460-303424-10	460-303403-1
				Date Sampled	5/13/2024	5/13/2024	5/7/2024	5/7/2024	5/6/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.2 U	2.41 U	1.98 U	2.11 U	2.09 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.2 U	2.41 U	1.98 U	2.11 U	2.09 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		5.51 U	6.02 U	4.94 U	5.28 U	5.21 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		5.51 U	6.02 U	4.94 U	5.28 U	5.21 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		1.1 U	1.2 U	0.99 U	1.06 U	1.04 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.88 UJ	0.96 UJ	0.79 U	0.84 U	0.83 U
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.44 U	0.48 U	0.4 U	0.42 U	0.42 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.44 U	0.48 U	0.4 U	0.42 U	0.42 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.44 U	0.48 U	0.4 U	0.42 U	0.42 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.44 U	0.48 U	0.4 U	0.42 U	0.42 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorobutanoic acid	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.21 J
Perfluorodecanesulfonic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorodecanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.13 J
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorododecanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.063 J
Perfluoroheptanesulfonic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluoroheptanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.11 J
Perfluorohexanesulfonic acid	NS	NS	NS		0.22 U	0.077 J	0.2 U	0.21 U	0.06 J
Perfluorohexanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.18 J
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorononanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21
Perfluorooctanesulfonamide	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		0.22 U	0.29	0.2	0.065 J	**3.81**
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.22 U	0.094 J	0.2 U	0.059 J	0.53
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluoropentanoic acid	NS	NS	NS		0.44 U	0.48 U	0.4 U	0.42 U	0.2 J
Perfluorotetradecanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.21 U
Perfluorotridecanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 UJ	0.21 UJ	0.21 U
Perfluoroundecanoic acid	NS	NS	NS		0.22 U	0.24 U	0.2 U	0.21 U	0.09 J
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.88 U	0.96 U	0.79 U	0.84 U	0.83 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-05_SURFACE_20240506	RI-SB-05_2-4_20240506	RI-SB-05_4-6_20240506	RI-SB-06_0-2_20240506	RI-SB-06_4-6_20240506
				Laboratory Sample ID	460-303403-2	460-303403-4	460-303403-3	460-303403-9	460-303403-10
				Date Sampled	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.37 U	2.08 U	2.72 U	2.53 U	2.23 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.37 U	2.08 U	2.72 U	2.53 U	2.23 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		5.92 U	5.21 U	6.79 U	6.32 U	5.57 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		5.92 U	5.21 U	6.79 U	6.32 U	5.57 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		1.18 U	1.04 U	1.36 U	1.26 U	1.11 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.47 U	0.42 U	0.54 U	0.51 U	0.45 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.47 U	0.42 U	0.54 U	0.51 U	0.45 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.47 U	0.42 U	0.54 U	0.51 U	0.45 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.47 U	0.42 U	0.54 U	0.51 U	0.45 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorobutanoic acid	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U
Perfluorodecanesulfonic acid	NS	NS	NS		0.094 J	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorodecanoic acid	NS	NS	NS		0.24	0.21 U	0.27 U	0.086 J	0.22 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorododecanoic acid	NS	NS	NS		0.15 J	0.21 U	0.27 U	0.25 U	0.22 U
Perfluoroheptanesulfonic acid	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluoroheptanoic acid	NS	NS	NS		0.088 J	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorohexanesulfonic acid	NS	NS	NS		0.066 J	0.053 J	0.38	0.25 U	0.22 U
Perfluorohexanoic acid	NS	NS	NS		0.12 J	0.063 J	0.27 U	0.1 J	0.22 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorononanoic acid	NS	NS	NS		0.2 J	0.21 U	0.27 U	0.078 J	0.22 U
Perfluorooctanesulfonamide	NS	NS	NS		0.12 J	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		**5.56**	**1.72**	**5.88**	0.82	0.15 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.35	0.15 J	0.3	0.27	0.088 J
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluoropentanoic acid	NS	NS	NS		0.13 J	0.42 U	0.54 U	0.51 U	0.45 U
Perfluorotetradecanoic acid	NS	NS	NS		0.24 U	0.21 U	0.27 U	0.25 U	0.22 U
Perfluorotridecanoic acid	NS	NS	NS		0.06 J	0.21 U	0.27 U	0.25 U	0.22 U
Perfluoroundecanoic acid	NS	NS	NS		0.2 J	0.21 U	0.27 U	0.25 U	0.22 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.95 U	0.83 U	1.09 U	1.01 U	0.89 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-06_6-8_20240506	RI-SB-X1_6-8_20240506	RI-SB-07_0-2_20240506	RI-SB-07_4-6_20240506	RI-SB-07_6-8_20240506
			Laboratory Sample ID	460-303403-11	460-303403-8	460-303403-5	460-303403-6	460-303403-7
			Date Sampled	5/6/2024	5/6/2024	5/6/2024	5/6/2024	5/6/2024
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	2.53 U	2.53 U	1.82 U	2.12 U	1.93 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	2.53 U	2.53 U	1.82 U	2.12 U	1.93 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS	6.33 U	6.32 U	4.56 U	5.29 U	4.83 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS	6.33 U	6.32 U	4.56 U	5.29 U	4.83 U
3-Perfluoropropyl propanoic acid	NS	NS	NS	1.27 U	1.26 U	0.91 U	1.06 U	0.97 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
6:2 Fluorotelomer sulfonate	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
8:2 Fluorotelomer sulfonate	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS	0.51 U	0.51 U	0.36 U	0.42 U	0.39 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS	0.51 U	0.51 U	0.36 U	0.42 U	0.39 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS	0.51 U	0.51 U	0.36 U	0.42 U	0.39 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS	0.51 U	0.51 U	0.36 U	0.42 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorobutanoic acid	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U
Perfluorodecanesulfonic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorodecanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorododecanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluoroheptanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorohexanesulfonic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorohexanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorononanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorooctanesulfonamide	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.76 J	0.24 J	0.21	0.21 U	0.19 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.15 J	0.17 J	0.18 U	0.21 U	0.19 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluoropentanoic acid	NS	NS	NS	0.51 U	0.51 U	0.36 U	0.42 U	0.39 U
Perfluorotetradecanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluorotridecanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Perfluoroundecanoic acid	NS	NS	NS	0.25 U	0.25 U	0.18 U	0.21 U	0.19 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS	1.01 U	1.01 U	0.73 U	0.85 U	0.77 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-08_1.5-3.5_20240510	RI-SB-X2_20240510	RI-SB-09_0-2_20240507	RI-SB-09_4-6_20240507	RI-SB-09_6-8_20240507
				Laboratory Sample ID	460-303681-1	460-303681-2	460-303424-1	460-303424-2	460-303424-3
				Date Sampled	5/10/2024	5/10/2024	5/7/2024	5/7/2024	5/7/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.18 U	2.19 U	1.83 U	1.9 U	1.97 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		2.18 U	2.19 U	1.83 U	1.9 U	1.97 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		5.44 U	5.48 U	4.57 U	4.76 U	4.92 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		5.44 U	5.48 U	4.57 U	4.76 U	4.92 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		1.09 U	1.1 U	0.91 U	0.95 U	0.98 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.87 UJ	0.4 J	0.73 U	0.76 U	0.79 U
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.87 UJ	0.62 J	0.73 U	0.76 U	0.79 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.44 U	0.44 U	0.37 U	0.38 U	0.39 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.44 U	0.44 U	0.37 U	0.38 U	0.39 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.44 U	0.44 U	0.37 U	0.38 U	0.39 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.44 U	0.44 U	0.37 U	0.38 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorobutanoic acid	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U
Perfluorodecanesulfonic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorodecanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorododecanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluoroheptanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorohexanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorononanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorooctanesulfonamide	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		0.22	0.23	0.18 U	0.19	0.074 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.22 U	0.22 U	0.18 U	0.058 J	0.2 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluoropentanoic acid	NS	NS	NS		0.44 U	0.44 U	0.37 U	0.38 U	0.39 U
Perfluorotetradecanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Perfluorotridecanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 UJ	0.2 UJ
Perfluoroundecanoic acid	NS	NS	NS		0.22 U	0.22 U	0.18 U	0.19 U	0.2 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.87 U	0.88 U	0.73 U	0.76 U	0.79 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-09_9-11_20240507	RI-SB-10_0-2_20240507	RI-SB-10_SURFACE_20240507	RI-SB-10_4-6_20240507	RI-SB-10_8-10_20240507
				Laboratory Sample ID	460-303424-4	460-303424-11	460-303424-13	460-303424-12	460-303424-14
				Date Sampled	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/7/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		1.92 U	2.15 U	2.35 U	1.95 U	1.87 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		1.92 U	2.15 U	2.35 U	1.95 U	1.87 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		4.8 U	5.38 U	5.87 U	4.87 U	4.68 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		4.8 U	5.38 U	5.87 U	4.87 U	4.68 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		0.96 U	1.08 U	1.17 U	0.97 U	0.94 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.19 U	0.098 J	0.088 J	0.19 U	0.19 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.38 U	0.43 U	0.47 U	0.39 U	0.37 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.38 U	0.43 U	0.47 U	0.39 U	0.37 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.38 U	0.43 U	0.47 U	0.39 U	0.37 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.38 U	0.43 U	0.47 U	0.39 U	0.37 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluorobutanoic acid	NS	NS	NS		0.77 U	0.31 J	0.29 J	0.78 U	0.75 U
Perfluorodecanesulfonic acid	NS	NS	NS		0.19 U	0.065 J	0.086 J	0.19 U	0.19 U
Perfluorodecanoic acid	NS	NS	NS		0.19 U	0.25	0.34	0.054 J	0.19 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluorododecanoic acid	NS	NS	NS		0.19 U	0.13 J	0.19 J	0.19 U	0.19 U
Perfluoroheptanesulfonic acid	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluoroheptanoic acid	NS	NS	NS		0.19 U	0.12 J	0.15 J	0.19 U	0.19 U
Perfluorohexanesulfonic acid	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluorohexanoic acid	NS	NS	NS		0.19 U	0.17 J	0.16 J	0.19 U	0.19 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluorononanoic acid	NS	NS	NS		0.19 U	0.34	0.42	0.11 J	0.19 U
Perfluorooctanesulfonamide	NS	NS	NS		0.19 U	0.22 U	0.09 J	0.19 U	0.19 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		0.19 U	**1.85**	**2.19**	0.75	0.065 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.19 U	0.4	0.44	0.11 J	0.19 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.19 U	0.22 U	0.23 U	0.19 U	0.19 U
Perfluoropentanoic acid	NS	NS	NS		0.38 U	0.17 J	0.18 J	0.39 U	0.37 U
Perfluorotetradecanoic acid	NS	NS	NS		0.19 U	0.054 J	0.078 J	0.19 U	0.19 U
Perfluorotridecanoic acid	NS	NS	NS		0.19 UJ	0.065 J	0.099 J	0.19 UJ	0.19 UJ
Perfluoroundecanoic acid	NS	NS	NS		0.19 U	0.24	0.33	0.19 U	0.19 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.77 U	0.86 U	0.94 U	0.78 U	0.75 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

				AKRF Sample ID	RI-SB-11_0-2_20240507	RI-SB-11_SURFACE_20240507	RI-SB-11_5-7_20240507	RI-SB-11_8-10_20240507	RI-SB-12_0.5-2.5_20240510
				Laboratory Sample ID	460-303424-6	460-303424-5	460-303424-7	460-303424-8	460-303681-3
				Date Sampled	5/7/2024	5/7/2024	5/7/2024	5/7/2024	5/10/2024
				Dilution Factor	1	1	1	1	1
				Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**		CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.79 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		1.91 U	2.27 U	2.19 U	1.9 U	1.96 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS		1.91 U	2.27 U	2.19 U	1.9 U	1.96 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS		4.77 U	5.69 U	5.47 U	4.75 U	4.91 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS		4.77 U	5.69 U	5.47 U	4.75 U	4.91 U
3-Perfluoropropyl propanoic acid	NS	NS	NS		0.95 U	1.14 U	1.09 U	0.95 U	0.98 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.79 U
6:2 Fluorotelomer sulfonate	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	2.95
8:2 Fluorotelomer sulfonate	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.8 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.79 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.19 U	0.13 J	0.22 U	0.19 U	0.2 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS		0.38 U	0.45 U	0.44 U	0.38 U	0.39 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS		0.38 U	0.45 U	0.44 U	0.38 U	0.39 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.79 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS		0.38 U	0.45 U	0.44 U	0.38 U	0.39 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS		0.38 U	0.45 U	0.44 U	0.38 U	0.39 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Perfluorobutanoic acid	NS	NS	NS		0.76 U	0.25 J	0.87 U	0.76 U	0.79 U
Perfluorodecanesulfonic acid	NS	NS	NS		0.19 U	0.13 J	0.22 U	0.19 U	0.2 U
Perfluorodecanoic acid	NS	NS	NS		0.095 J	0.43	0.22 U	0.19 U	0.2 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Perfluorododecanoic acid	NS	NS	NS		0.049 J	0.25	0.22 U	0.19 U	0.2 U
Perfluoroheptanesulfonic acid	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Perfluoroheptanoic acid	NS	NS	NS		0.091 J	0.2 J	0.22 U	0.19 U	0.2 U
Perfluorohexanesulfonic acid	NS	NS	NS		0.051 J	0.14 J	0.22 U	0.19 U	0.083 J
Perfluorohexanoic acid	NS	NS	NS		0.12 J	0.23	0.22 U	0.19 U	0.069 J
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Perfluorononanoic acid	NS	NS	NS		0.21	0.48	0.22 U	0.19 U	0.2 U
Perfluorooctanesulfonamide	NS	NS	NS		0.19 U	0.2 J	0.22 U	0.19 U	0.2 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1		**2.11**	**4.83**	0.092 J	0.061 J	0.2 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8		0.53	**1.12**	0.059 J	0.19 U	0.08 J
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS		0.19 U	0.23 U	0.22 U	0.19 U	0.2 U
Perfluoropentanoic acid	NS	NS	NS		0.11 J	0.25 J	0.44 U	0.38 U	0.39 U
Perfluorotetradecanoic acid	NS	NS	NS		0.19 U	0.078 J	0.22 U	0.19 U	0.2 U
Perfluorotridecanoic acid	NS	NS	NS		0.19 UJ	0.11 J	0.22 UJ	0.19 UJ	0.2 U
Perfluoroundecanoic acid	NS	NS	NS		0.068 J	0.38	0.22 U	0.19 U	0.2 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS		0.76 U	0.91 U	0.87 U	0.76 U	0.79 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-13_1.5-3.5_20240513	RI-SB-14_0-2_20240506	RI-SB-14_4-6_20240506	RI-SB-14_6-8_20240506	RI-SB-01A_0-0.2_20240729
			Laboratory Sample ID	460-303881-3	460-303403-12	460-303403-13	460-303403-14	460-308519-5
			Date Sampled	5/13/2024	5/6/2024	5/6/2024	5/6/2024	7/29/2024
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	0.023 U	1.79 U	1.75 U	1.81 U	1.79 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	0.023 U	1.79 U	1.75 U	1.81 U	1.79 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS	0.056 U	4.47 U	4.37 U	4.52 U	4.47 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS	0.056 U	4.47 U	4.37 U	4.52 U	4.47 U
3-Perfluoropropyl propanoic acid	NS	NS	NS	0.011 U	0.89 U	0.87 U	0.9 U	0.89 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.009 UJ	0.72 U	0.7 U	0.72 U	0.72 U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS	0.0045 U	0.36 U	0.35 U	0.36 U	0.36 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS	0.0045 U	0.36 U	0.35 U	0.36 U	0.36 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS	0.0045 U	0.36 U	0.35 U	0.36 U	0.36 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS	0.0045 U	0.36 U	0.35 U	0.36 U	0.36 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.052 J
Perfluorobutanoic acid	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U
Perfluorodecanesulfonic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.62
Perfluorodecanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.31
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Perfluorododecanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.16 J
Perfluoroheptanesulfonic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Perfluoroheptanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.079 J
Perfluorohexanesulfonic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18
Perfluorohexanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.11 J
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Perfluorononanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.29
Perfluorooctanesulfonamide	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.0031	0.13 J	0.07 J	0.18 U	**1.38**
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.00056 J	0.18 U	0.17 U	0.18 U	0.15 J
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.18 U
Perfluoropentanoic acid	NS	NS	NS	0.0045 U	0.36 U	0.35 U	0.36 U	0.13 J
Perfluorotetradecanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.087 J
Perfluorotridecanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.099 J
Perfluoroundecanoic acid	NS	NS	NS	0.0023 U	0.18 U	0.17 U	0.18 U	0.25
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS	0.009 U	0.72 U	0.7 U	0.72 U	0.72 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-01A_0-2_20240729	RI-SB-01A_6-8_20240729	RI-SB-01A_10-12_20240729	RI-SB-14A_0-2_20240729	RI-SB-14A_4-6_20240729
			Laboratory Sample ID	460-308519-6	460-308519-7	460-308519-8	460-308519-1	460-308519-2
			Date Sampled	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024
			Dilution Factor	1	1	1	1	1
			Unit	ppb	ppb	ppb	ppb	ppb
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	1.87 U	2.07 U	2.04 U	1.85 U	1.79 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	1.87 U	2.07 U	2.04 U	1.85 U	1.79 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS	4.67 U	5.18 U	5.1 U	4.64 U	4.46 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS	4.67 U	5.18 U	5.1 U	4.64 U	4.46 U
3-Perfluoropropyl propanoic acid	NS	NS	NS	0.93 U	1.04 U	1.02 U	0.93 U	0.89 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.048 J	0.18 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS	0.37 UJ	0.41 UJ	0.41 UJ	0.37 UJ	0.36 UJ
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS	0.37 U	0.41 U	0.41 U	0.37 U	0.36 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS	0.37 U	0.41 U	0.41 U	0.37 U	0.36 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS	0.37 U	0.41 U	0.41 U	0.37 U	0.36 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorobutanoic acid	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U
Perfluorodecanesulfonic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorodecanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorododecanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluoroheptanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorohexanesulfonic acid	NS	NS	NS	0.18 J	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorohexanoic acid	NS	NS	NS	0.064 J	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorononanoic acid	NS	NS	NS	0.21	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorooctanesulfonamide	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	**1.16**	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.13 J	0.21 U	0.2 U	0.085 J	0.18 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluoropentanoic acid	NS	NS	NS	0.37 U	0.41 U	0.41 U	0.37 U	0.36 U
Perfluorotetradecanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluorotridecanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Perfluoroundecanoic acid	NS	NS	NS	0.19 U	0.21 U	0.2 U	0.19 U	0.18 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS	0.75 U	0.83 U	0.82 U	0.74 U	0.71 U

Table 2F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Analytical Results of Per- and Polyfluoroalkyl Substances (PFAS)

			AKRF Sample ID	RI-SB-X_20240729	RI-SB-14A_6-8_20240729	RI-FB-01_20240506	RI-FB-01_20240729
			Laboratory Sample ID	460-308519-4	460-308519-3	460-303403-15	460-308519-9
			Date Sampled	7/29/2024	7/29/2024	5/6/2024	7/29/2024
			Dilution Factor	1	1	1	1
			Unit	ppb	ppb	ppt	ppt
Compound	**UUGV**	**RRGV**	**PGWGV**	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	1.79 U	1.81 U	0.0173 U	0.0162 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NS	NS	1.79 U	1.81 U	0.0173 U	0.0162 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	NS	NS	4.48 U	4.53 U	0.0432 U	0.0406 U
3-Perfluoroheptyl propanoic acid	NS	NS	NS	4.48 U	4.53 U	0.0432 U	0.0406 U
3-Perfluoropropyl propanoic acid	NS	NS	NS	0.9 U	0.91 U	0.00864 U	0.00812 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
6:2 Fluorotelomer sulfonate	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
8:2 Fluorotelomer sulfonate	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
N-ethyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
N-methyl perfluoro-1-octanesulfonamide	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	NS	NS	0.36 UJ	0.36 UJ	0.00346 U	0.00325 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	NS	NS	0.36 U	0.36 U	0.00346 U	0.00325 UJ
Perfluoro(2-Propoxypropanoic) Acid	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
Perfluoro-3-methoxypropanoic acid	NS	NS	NS	0.36 U	0.36 U	0.00346 U	0.00325 U
Perfluoro-4-methoxybutanoic acid	NS	NS	NS	0.36 U	0.36 U	0.00346 U	0.00325 U
Perfluorobutanesulfonic acid (PFBS)	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorobutanoic acid	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U
Perfluorodecanesulfonic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorodecanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorododecane sulfonate (PFDoDS)	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorododecanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluoroheptanesulfonic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluoroheptanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorohexanesulfonic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorohexanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 UJ
Perfluorononanesulfonic Acid (Pfns)	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorononanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorooctanesulfonamide	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	0.18 U	0.18 U	0.00173 U	0.00131 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluoropentanesulfonic Acid (Pfpes)	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluoropentanoic acid	NS	NS	NS	0.36 U	0.36 U	0.00346 U	0.00325 U
Perfluorotetradecanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluorotridecanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Perfluoroundecanoic acid	NS	NS	NS	0.18 U	0.18 U	0.00173 U	0.00162 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	NS	NS	NS	0.72 U	0.72 U	0.00691 U	0.00649 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523	RI-MW-03_20240522
	Laboratory Sample ID	460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-2	460-304450-1
	Date Sampled	5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024	5/22/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	2	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	2 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	1 U	2 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	2 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	2 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	0.75 J	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	2 U	1 U
1,2,3-Trichlorobenzene	5	1 UJ	1 UJ	1 U	1 UJ	2 UJ	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	2 U	1 U
1,2,4-Trimethylbenzene	**5**	1 U	1 U	1.1	1 U	2 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	2 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	2 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	2 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	2 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	2 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	1 U	0.47 J	1 U	2 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	2 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	2 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	10 U	5 U
Acetone	**50**	5 U	6	5 U	5 U	10 U	8.6
Benzene	**1**	1 U	1 U	1 U	1 U	2 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Bromodichloromethane	50	1 U	0.42 J	1 U	1 U	2 U	1 U
Bromoform	50	1 UJ	1 U	1 U	1 U	2 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	2 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	2 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	2 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Chloroform	**7**	5.9	6.2	1 U	1 U	0.68 J	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Cis-1,2-Dichloroethylene	**5**	1 U	**6.5**	**37**	4.1	**17**	1 U
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	2 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	2 U	1 U
Dibromochloromethane	50	1 U	1 U	1 U	1 U	2 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Ethylbenzene	**5**	1 U	0.6 J	1 U	1 U	2 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	1 U	1 U	2 U	1 U
M,P-Xylenes	**5**	0.34 J	2.7	1 U	1 U	2 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	10 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	10 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	10 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	2 U	1 U
Methylene Chloride	5	0.58 J	1 U	1 U	1 U	2 U	1 U
N-Butylbenzene	**5**	1 U	1 U	1 U	1 U	2 U	1 U
N-Propylbenzene	**5**	1 UJ	1 U	1 U	1 U	2 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	1.2	1 U	1 U	2 U	1 U
Sec-Butylbenzene	**5**	1 U	1 U	1 U	1 U	2 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	2 U	1 U
T-Butylbenzene	5	1 UJ	1 U	1 U	1 U	2 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	1 U	1	1 U	0.6 J	1 U
Tetrachloroethylene (PCE)	**5**	0.37 J	**120**	**72**	2.2	**380**	1 U
Toluene	**5**	1 U	1 U	1 U	1 U	2 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	2.4	1 U	2 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	2 U	1 U
Trichloroethylene (TCE)	**5**	1 U	4.9	**9.2**	0.92 J	**6**	1 U
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	2 U	1 U
Vinyl Chloride	**2**	1 U	1 U	1 U	1 U	**2.1**	1 U
Xylenes, Total	NS	2 U	3.9	2 U	2 U	4 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528	RI-MW-07_20240521	RI-MW-07D_20240521
	Laboratory Sample ID	460-304450-2	460-304875-1	460-304803-2	460-304803-3	460-304422-1	460-304422-2
	Date Sampled	5/22/2024	5/29/2024	5/28/2024	5/28/2024	5/21/2024	5/21/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 UJ	1 U	1 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	0.29 J	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 UJ	1 UJ
1,2,4-Trimethylbenzene	**5**	1 U	1 U	0.46 J	0.45 J	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloropropane	1	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	**50**	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	**1**	1 U	0.46 J	1 U	1 U	0.21 J	**1.2**
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromoform	50	1 U	1 U	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	**7**	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	1 U	**75 JL**	1 U	1 U	**7.5**	**42**
Cis-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	0.37 J	2.1
Dibromochloromethane	50	1 U	1 U	1 U	1 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Ethylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	0.45 J	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U	0.78 J
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	1	1 U	1 U	1 U	1.6
Tetrachloroethylene (PCE)	**5**	1 U	**98 JL**	1 U	1 U	1 U	**50**
Toluene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	0.71 J	1 U	1 U	1 U	0.37 J
Trans-1,3-Dichloropropene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Trichloroethylene (TCE)	**5**	1 U	**19**	1 U	1 U	1.1	**8.2**
Trichlorofluoromethane	5	1 U	1 U	1 U	1 U	1 UJ	1 UJ
Vinyl Chloride	**2**	1 U	**6.5**	1 U	1 U	**2.8**	**10**
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-08_20240528	RI-MW-08_20240528	RI-MW-08A_20240807	RI-MW-09BR_20250127	RI-MW-09BR-D_20250425	RI-MW-09BR-D-II_20260226
	Laboratory Sample ID	460-304803-1	460-304803-1	460-309243-2	460-319368-1	460-324927-2	460-345422-2
	Date Sampled	5/28/2024	5/28/2024	8/07/2024	1/27/2025	4/25/2025	2/26/2026
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	2	25	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	2 U	NR	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	2 U	NR	1 U	1 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	2 U	NR	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	2 U	NR	1 U	1 U	0.58 U	0.58 U
1,1-Dichloroethane	5	2 U	NR	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	2 U	NR	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	2 U	NR	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	2 U	NR	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	**5**	NR	**890 D**	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	2 U	NR	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	2 U	NR	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	2 U	NR	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	2 U	NR	1 U	1 U	0.3 U	0.3 U
1,2-Dichloropropane	1	2 U	NR	1 U	1 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	**370**	NR	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	2 U	NR	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	2 U	NR	1 U	1 U	1 U	1 U
2-Hexanone	50	10 U	NR	5 U	5 U	5 U	5 U
Acetone	**50**	19	NR	5 U	5 U	9.1	5 U
Benzene	**1**	**7.2**	NR	0.25 J	1 U	0.45 U	0.45 U
Bromochloromethane	5	2 U	NR	1 U	1 U	1 U	1 U
Bromodichloromethane	50	2 U	NR	1 U	1 U	0.98 U	0.98 U
Bromoform	50	2 U	NR	1 U	1 U	1 U	1 U
Bromomethane	5	2 U	NR	1 U	1 U	1 U	1 U
Carbon Disulfide	60	2 U	NR	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	2 U	NR	1 U	1 U	1 U	1 U
Chlorobenzene	5	2 U	NR	1 U	1 U	1 U	1 U
Chloroethane	5	2 U	NR	1 U	1 U	1 U	1 U
Chloroform	**7**	2 U	NR	1 U	1.5	**14**	0.73 J
Chloromethane	5	2 U	NR	1 U	0.48 J	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	2 U	NR	2.8	1	1.2	**16**
Cis-1,3-Dichloropropene	NS	2 U	NR	1 U	1 U	0.45 U	0.45 U
Cyclohexane	NS	84	NR	5.8	1 U	1 U	1 U
Dibromochloromethane	50	2 U	NR	1 U	1 U	0.78 U	0.78 U
Dichlorodifluoromethane	5	2 UJ	NR	1 U	1 U	1 U	1 U
Ethylbenzene	**5**	**200**	NR	1.9	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	**120**	NR	**22**	1 U	1 U	1 U
M,P-Xylenes	**5**	**88**	NR	1.8	1 U	1 U	1 U
Methyl Acetate	NS	10 U	NR	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	11	NR	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	10 U	NR	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	79	NR	4.5	1 U	1 U	1 U
Methylene Chloride	5	2 U	NR	1 U	1 U	1 U	1 U
N-Butylbenzene	**5**	**39**	NR	3.3	1 U	1 U	1 U
N-Propylbenzene	**5**	**300**	NR	**29**	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	**14**	NR	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	**22**	NR	**5.7**	1 U	1 U	1 U
Styrene	5	2 U	NR	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1.3 J	NR	0.87 J	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	0.45 J	NR	1 U	1 U	1 U	1.1
Tetrachloroethylene (PCE)	**5**	2 U	NR	0.26 J	**17**	**13**	**310**
Toluene	**5**	2 U	NR	0.72 J	1 U	1.4	0.43 J
Trans-1,2-Dichloroethene	5	2 U	NR	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	2 U	NR	1 U	1 U	0.45 U	0.45 U
Trichloroethylene (TCE)	**5**	2 U	NR	1 U	0.95 J	2	**54**
Trichlorofluoromethane	5	2 U	NR	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	2 U	NR	0.23 J	1 U	1 U	1 U
Xylenes, Total	NS	100	NR	1.8 J	2 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-09BR-I_20250425	RI-MW-09D_20250124	RI-MW-10BR_20250124	RI-MW-10BR-D_20250424	RI-MW-10BR-D-II_20260227	DUP_20260226
	Laboratory Sample ID	460-324927-3	460-319268-1	460-319268-4	460-324865-2	460-345473-2	460-345422-6
	Date Sampled	4/25/2025	1/24/2025	1/24/2025	4/24/2025	2/27/2026	2/26/2026
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	5	5	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	5 U	5 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	0.2 U	1 U	5 U	1 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	5 U	5 U	1 U	1 U
1,1,2-Trichloroethane	1	0.58 U	1 U	5 U	2.9 U	0.58 U	0.58 U
1,1-Dichloroethane	5	1 U	1 U	5 U	5 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	5 U	5 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	5 U	5 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	5 U	5 U	1 U	1 U
1,2,4-Trimethylbenzene	**5**	1 U	1 U	5 U	5 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	5 U	5 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	5 U	5 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	5 U	5 U	1 U	1 U
1,2-Dichloroethane	0.6	0.3 U	1 U	5 U	1.5 U	0.3 U	0.3 U
1,2-Dichloropropane	1	0.92 U	1 U	5 U	4.6 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	1 U	5 U	5 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	5 U	5 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	5 U	5 U	1 U	1 U
2-Hexanone	50	5 U	5 U	25 U	25 U	5 U	5 U
Acetone	**50**	5.8	5 U	25 U	25 U	5 U	5 U
Benzene	**1**	0.45 U	1 U	5 U	2.3 U	0.45 U	0.45 U
Bromochloromethane	5	1 U	1 U	5 U	5 U	1 U	1 U
Bromodichloromethane	50	0.98 U	1 U	5 U	4.9 U	0.98 U	0.98 U
Bromoform	50	1 U	1 U	5 U	5 U	1 U	1 U
Bromomethane	5	1 U	1 U	5 U	5 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	5 U	5 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	5 U	5 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	5 U	5 U	1 U	1 U
Chloroethane	5	1 U	1 U	5 U	5 U	1 U	1 U
Chloroform	**7**	2.1	1	1.7 J	3.1 J	5.2	**7.7**
Chloromethane	5	1 U	1 U	5 U	5 U	1 U	0.58 J
Cis-1,2-Dichloroethylene	**5**	1 U	**19**	3.5 J	**9.1**	3.8	1 U
Cis-1,3-Dichloropropene	NS	0.45 U	1 U	5 U	2.3 U	0.45 U	0.45 U
Cyclohexane	NS	1 U	1 U	5 U	5 U	1 U	1 U
Dibromochloromethane	50	0.78 U	1 U	5 U	3.9 U	0.78 U	0.78 U
Dichlorodifluoromethane	5	1 U	1 U	5 U	5 U	1 U	1 U
Ethylbenzene	**5**	1 U	1 U	5 U	5 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	5 U	5 U	1 U	1 U
M,P-Xylenes	**5**	1 U	1 U	5 U	5 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	25 U	25 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	25 U	25 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	25 U	25 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	5 U	5 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	5 U	5 U	1 U	2.2
N-Butylbenzene	**5**	1 U	1 U	5 U	5 U	1 U	1 U
N-Propylbenzene	**5**	1 U	1 U	5 U	5 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	1 U	5 U	5 U	1 U	1 U
Sec-Butylbenzene	**5**	1 U	1 U	5 U	5 U	1 U	1 U
Styrene	5	1 U	1 U	5 U	5 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	5 U	5 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	0.76 J	5 U	5 U	0.25 J	1 U
Tetrachloroethylene (PCE)	**5**	**12**	**140**	**1,000**	**1,800**	**110**	4.6
Toluene	**5**	1.1	1 U	5 U	5 U	1 U	**5.4**
Trans-1,2-Dichloroethene	5	1 U	0.26 J	5 U	5 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	0.45 U	1 U	5 U	2.3 U	0.45 U	0.45 U
Trichloroethylene (TCE)	**5**	0.34	**7.1**	**11**	**24**	**15**	0.55
Trichlorofluoromethane	5	1 U	1 U	5 U	5 U	1 U	1 U
Vinyl Chloride	**2**	1 U	0.4 J	5 U	5 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	10 U	10 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-10BR-I_20250424	RI-MW-10D_20250123	RI-MW-11BR_20250124	RI-MW-11BR-D_20250423	RI-MW-X_20250423	RI-MW-11BR-D-II_20260226
	Laboratory Sample ID	460-324865-1	460-319223-8	460-319268-3	460-324773-1	460-324773-2	460-345422-3
	Date Sampled	4/24/2025	1/23/2025	1/24/2025	4/23/2025	4/23/2025	2/26/2026
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	5	1	1	20	20	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	5 U	1 U	1 U	20 U	20 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	1 U	1 U	4 U	4 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	5 U	1 U	1 U	20 U	20 U	1 U
1,1,2-Trichloroethane	1	2.9 U	1 U	1 U	12 U	12 U	0.58 U
1,1-Dichloroethane	5	5 U	1 U	1 U	20 U	20 U	1 U
1,1-Dichloroethene	5	5 U	1 U	1 U	20 U	20 U	1 U
1,2,3-Trichlorobenzene	5	5 U	1 U	1 U	20 U	20 U	1 U
1,2,4-Trichlorobenzene	5	5 U	1 U	1 U	20 U	20 U	1 U
1,2,4-Trimethylbenzene	**5**	5 U	1 U	1 U	20 U	20 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	5 U	1 U	1 U	20 U	20 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	5 U	1 U	1 U	20 U	20 U	1 U
1,2-Dichlorobenzene	3	5 U	1 U	1 U	20 U	20 U	1 U
1,2-Dichloroethane	0.6	1.5 U	1 U	1 U	6 U	6 U	0.3 U
1,2-Dichloropropane	1	4.6 U	1 U	1 U	18 U	18 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	5 U	1 U	1 U	20 U	20 U	1 U
1,3-Dichlorobenzene	3	5 U	1 U	1 U	20 U	20 U	1 U
1,4-Dichlorobenzene	3	5 U	1 U	1 U	20 U	20 U	1 U
2-Hexanone	50	25 U	5 U	5 U	100 U	100 U	5 U
Acetone	**50**	**120**	5 U	5 U	100 U	100 U	5 U
Benzene	**1**	2.3 U	1 U	0.39 J	9 U	9 U	0.45 U
Bromochloromethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Bromodichloromethane	50	4.9 U	1 U	1 U	20 U	20 U	0.98 U
Bromoform	50	5 U	1 U	1 U	20 U	20 U	1 U
Bromomethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Carbon Disulfide	60	5 U	1 U	1 U	20 U	20 U	1 U
Carbon Tetrachloride	5	5 U	1 U	1 U	20 U	20 U	1 U
Chlorobenzene	5	5 U	1 U	1 U	20 U	20 U	1 U
Chloroethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Chloroform	**7**	5 U	0.38 J	0.68 J	20 U	20 U	**7.3**
Chloromethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Cis-1,2-Dichloroethylene	**5**	3.7 J	**61**	**16**	**19 J**	**18 J**	1 U
Cis-1,3-Dichloropropene	NS	2.3 U	1 U	1 U	9 U	9 U	0.45 U
Cyclohexane	NS	5 U	1 U	1 U	20 U	20 U	1 U
Dibromochloromethane	50	3.9 U	1 U	1 U	16 U	16 U	0.78 U
Dichlorodifluoromethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Ethylbenzene	**5**	5 U	1 U	1 U	20 U	20 U	1 U
Isopropylbenzene (Cumene)	**5**	5 U	1 U	1 U	20 U	20 U	1 U
M,P-Xylenes	**5**	5 U	1 U	1 U	20 U	20 U	1 U
Methyl Acetate	NS	25 U	5 U	5 U	100 U	100 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	25 U	5 U	5 U	100 U	100 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	25 U	5 U	5 U	100 U	100 U	5 U
Methylcyclohexane	NS	5 U	1 U	1 U	20 U	20 U	1 U
Methylene Chloride	5	5 U	1 U	1 U	20 U	20 U	2.3
N-Butylbenzene	**5**	5 U	1 U	1 U	20 U	20 U	1 U
N-Propylbenzene	**5**	5 U	1 U	1 U	20 U	20 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	5 U	1 U	1 U	20 U	20 U	1 U
Sec-Butylbenzene	**5**	5 U	1 U	1 U	20 U	20 U	1 U
Styrene	5	5 U	1 U	1 U	20 U	20 U	1 U
T-Butylbenzene	5	5 U	1 U	1 U	20 U	20 U	1 U
Tert-Butyl Methyl Ether	**10**	1.3 J	0.63 J	0.43 J	20 U	20 U	1 U
Tetrachloroethylene (PCE)	**5**	**1,200**	**430**	**12**	**3,400**	**3,300**	**5.9**
Toluene	**5**	5 U	1 U	1 U	20 U	20 U	**5.5**
Trans-1,2-Dichloroethene	5	5 U	0.68 J	0.27 J	20 U	20 U	1 U
Trans-1,3-Dichloropropene	NS	2.3 U	1 U	1 U	9 U	9 U	0.45 U
Trichloroethylene (TCE)	**5**	**11**	**7.5**	3.3	**31**	**28**	0.6
Trichlorofluoromethane	5	5 U	1 U	1 U	20 U	20 U	1 U
Vinyl Chloride	**2**	5 U	0.96 J	**2.9**	20 U	20 U	1 U
Xylenes, Total	NS	10 U	2 U	2 U	40 U	40 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-11BR-I_20250423	RI-MW-11D_20250123	RI-MW-12_20250123	RI-MW-12BR_20250425	RI-MW-12BR-D-I_20251110	RI-MW-12BR-I_20251110
	Laboratory Sample ID	460-324773-6	460-319223-7	460-319223-2	460-324927-1	460-339064-5	460-339064-1
	Date Sampled	4/23/2025	1/23/2025	1/23/2025	4/25/2025	11/10/2025	11/10/2025
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	10	1	1	20	10	10
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	10 U	1 U	1 U	20 U	10 U	10 U
1,1,2,2-Tetrachloroethane	5	2 U	1 U	1 U	4 U	2 U	2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	10 U	1 U	1 U	20 U	10 U	10 U
1,1,2-Trichloroethane	1	5.8 U	1 U	1 U	12 U	5.8 U	5.8 U
1,1-Dichloroethane	5	10 U	1 U	1 U	20 U	10 U	10 U
1,1-Dichloroethene	5	10 U	1 U	1 U	20 U	10 U	10 U
1,2,3-Trichlorobenzene	5	10 U	1 UJ	1 U	20 U	10 U	10 U
1,2,4-Trichlorobenzene	5	10 U	1 U	1 U	20 U	10 U	10 U
1,2,4-Trimethylbenzene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	0.04	10 U	1 U	1 U	20 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	10 U	1 U	1 U	20 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	1 U	1 U	20 U	10 U	10 U
1,2-Dichloroethane	0.6	3 U	1 U	1 U	6 U	3 U	3 U
1,2-Dichloropropane	1	9.2 U	1 U	1 U	18 U	9.2 U	9.2 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	10 U	1 U	1 U	20 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	1 U	1 U	20 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	1 U	1 U	20 U	10 U	10 U
2-Hexanone	50	50 U	5 U	5 U	100 U	50 U	50 U
Acetone	**50**	50 U	**130 JL**	5 U	100 U	50 U	50 U
Benzene	**1**	4.5 U	1 U	1 U	9 U	4.5 U	4.5 U
Bromochloromethane	5	10 U	1 U	1 U	20 U	10 U	10 U
Bromodichloromethane	50	9.8 U	1 U	1 U	20 U	9.8 U	9.8 U
Bromoform	50	10 U	1 U	1 U	20 U	10 U	10 U
Bromomethane	5	10 U	1 UJ	1 U	20 U	10 U	10 U
Carbon Disulfide	60	10 U	1 U	1 U	20 U	10 U	10 U
Carbon Tetrachloride	5	10 U	1 U	1 U	20 U	10 U	10 U
Chlorobenzene	5	10 U	1 U	1 U	20 U	10 U	10 U
Chloroethane	5	10 U	1 U	1 U	20 U	10 U	10 U
Chloroform	**7**	10 U	**16 JL**	1 U	20 U	10 U	10 U
Chloromethane	5	10 U	1 U	1 U	20 U	10 U	10 U
Cis-1,2-Dichloroethylene	**5**	**14**	0.54 JL	2.5	**33**	**74**	10 U
Cis-1,3-Dichloropropene	NS	4.5 U	1 U	1 U	9 U	4.5 U	4.5 U
Cyclohexane	NS	10 U	1 U	1 U	20 U	10 U	10 U
Dibromochloromethane	50	7.8 U	1 U	1 U	16 U	7.8 U	7.8 U
Dichlorodifluoromethane	5	10 U	1 U	1 U	20 U	10 U	10 U
Ethylbenzene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
Isopropylbenzene (Cumene)	**5**	10 U	1 U	1 U	20 U	10 U	10 U
M,P-Xylenes	**5**	10 U	1 U	1 U	20 U	10 U	10 U
Methyl Acetate	NS	50 U	5 UJ	5 U	100 U	50 U	50 U
Methyl Ethyl Ketone (2-Butanone)	50	50 U	12 JL	5 U	100 U	50 U	50 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	50 U	5 U	5 U	100 U	50 U	50 U
Methylcyclohexane	NS	10 U	1 U	1 U	20 U	10 U	10 U
Methylene Chloride	5	10 U	1 U	1 U	20 U	10 U	10 U
N-Butylbenzene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
N-Propylbenzene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
O-Xylene (1,2-Dimethylbenzene)	**5**	10 U	1 U	1 U	20 U	10 U	10 UJ
Sec-Butylbenzene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
Styrene	5	10 U	1 U	1 U	20 U	10 U	10 U
T-Butylbenzene	5	10 U	1 U	1 U	20 U	10 U	10 UJ
Tert-Butyl Methyl Ether	**10**	3.9 J	1 U	0.35 J	**14 J**	**32**	10 U
Tetrachloroethylene (PCE)	**5**	**2,000**	1 U	**6.8**	**3,800**	**3,200**	**2,200**
Toluene	**5**	10 U	1 U	1 U	20 U	10 U	10 U
Trans-1,2-Dichloroethene	5	10 U	1 U	1 U	20 U	10 U	10 U
Trans-1,3-Dichloropropene	NS	4.5 U	1 U	1 U	9 U	4.5 U	4.5 U
Trichloroethylene (TCE)	**5**	**75**	1 U	1.1	**32**	**60**	**8.5**
Trichlorofluoromethane	5	10 U	1 U	1 U	20 U	10 U	10 UJ
Vinyl Chloride	**2**	10 U	1 U	1 U	20 U	10 UJ	10 UJ
Xylenes, Total	NS	20 U	2 U	2 U	40 U	20 U	20 UJ

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	DUP_20251110	RI-MW-12D_20250123	RI-MW-X_20250123	RI-MW-13D_20250124	RI-MW-14BR_20250423	RI-MW-14BR-D-I_20251113
	Laboratory Sample ID	460-339064-2	460-319223-1	460-319223-3	460-319268-2	460-324773-7	460-339388-1
	Date Sampled	11/10/2025	1/23/2025	1/23/2025	1/24/2025	4/23/2025	11/13/2025
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	10	1	1	1	10	10
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	10 U	1 U	1 U	1 U	10 U	10 U
1,1,2,2-Tetrachloroethane	5	2 U	1 U	1 U	1 U	2 U	2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	10 U	1 U	1 U	1 U	10 U	10 U
1,1,2-Trichloroethane	1	5.8 U	1 U	1 U	1 U	5.8 U	5.8 U
1,1-Dichloroethane	5	10 U	1 U	1 U	1 U	10 U	10 U
1,1-Dichloroethene	5	10 U	1 U	1 U	1 U	10 U	10 U
1,2,3-Trichlorobenzene	5	10 U	1 U	1 U	1 U	10 U	10 U
1,2,4-Trichlorobenzene	5	10 U	1 U	1 U	1 U	10 U	10 UJ
1,2,4-Trimethylbenzene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
1,2-Dibromo-3-Chloropropane	0.04	10 U	1 U	1 U	1 U	10 U	10 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	10 U	1 U	1 U	1 U	10 U	10 U
1,2-Dichlorobenzene	3	10 U	1 U	1 U	1 U	10 U	10 U
1,2-Dichloroethane	0.6	3 U	1 U	1 U	1 U	3 U	3 U
1,2-Dichloropropane	1	9.2 U	1 U	1 U	1 U	9.2 U	9.2 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	10 U	1 U	1 U	1 U	10 U	10 U
1,3-Dichlorobenzene	3	10 U	1 U	1 U	1 U	10 U	10 U
1,4-Dichlorobenzene	3	10 U	1 U	1 U	1 U	10 U	10 U
2-Hexanone	50	50 U	5 U	5 U	5 U	50 U	50 U
Acetone	**50**	50 U	5 U	5 U	5 U	50 U	50 U
Benzene	**1**	4.5 U	1 U	1 U	1 U	4.5 U	4.5 U
Bromochloromethane	5	10 U	1 U	1 U	1 U	10 U	10 U
Bromodichloromethane	50	9.8 U	1 U	1 U	1 U	9.8 U	9.8 U
Bromoform	50	10 U	1 U	1 U	1 U	10 U	10 UJ
Bromomethane	5	10 U	1 U	1 U	1 U	10 U	10 U
Carbon Disulfide	60	10 U	1 U	1 U	1 U	10 U	10 U
Carbon Tetrachloride	5	10 U	1 U	1 U	1 U	10 U	10 U
Chlorobenzene	5	10 U	1 U	1 U	1 U	10 U	10 U
Chloroethane	5	10 U	1 U	1 U	1 U	10 U	10 U
Chloroform	**7**	3.3 J	0.44 J	0.5 J	1 U	10 U	3.3 J
Chloromethane	5	10 U	1 U	1 U	1 U	10 U	10 U
Cis-1,2-Dichloroethylene	**5**	10 U	4.8	**5.1**	1 U	**48**	**17**
Cis-1,3-Dichloropropene	NS	4.5 U	1 U	1 U	1 U	4.5 U	4.5 U
Cyclohexane	NS	10 U	1 U	1 U	1 U	10 U	10 U
Dibromochloromethane	50	7.8 U	1 U	1 U	1 U	7.8 U	7.8 U
Dichlorodifluoromethane	5	10 U	1 U	1 U	1 U	10 U	10 UJ
Ethylbenzene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
Isopropylbenzene (Cumene)	**5**	10 U	1 U	1 U	1 U	10 U	10 U
M,P-Xylenes	**5**	10 U	1 U	1 U	1 U	10 U	10 U
Methyl Acetate	NS	50 U	5 U	5 U	5 U	50 U	50 U
Methyl Ethyl Ketone (2-Butanone)	50	50 U	5 U	5 U	5 U	50 U	50 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	50 U	5 U	5 U	5 U	50 U	50 U
Methylcyclohexane	NS	10 U	1 U	1 U	1 U	10 U	10 U
Methylene Chloride	5	10 U	1 U	1 U	1 U	10 U	10 U
N-Butylbenzene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
N-Propylbenzene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
O-Xylene (1,2-Dimethylbenzene)	**5**	10 UJ	1 U	1 U	1 U	10 U	10 U
Sec-Butylbenzene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
Styrene	5	10 U	1 U	1 U	1 U	10 U	10 U
T-Butylbenzene	5	10 UJ	1 U	1 U	1 U	10 U	10 U
Tert-Butyl Methyl Ether	**10**	10 U	1.1	1.2	1 U	4.5 J	4.7 J
Tetrachloroethylene (PCE)	**5**	**2,400**	**390**	**370**	1 U	**1,700**	**2,300**
Toluene	**5**	10 U	1 U	1 U	1 U	10 U	10 U
Trans-1,2-Dichloroethene	5	10 U	1 U	1 U	1 U	10 U	10 U
Trans-1,3-Dichloropropene	NS	4.5 U	1 U	1 U	1 U	4.5 U	4.5 U
Trichloroethylene (TCE)	**5**	**8.9**	4.7	4.6	1 U	**49**	**30**
Trichlorofluoromethane	5	10 UJ	1 U	1 U	1 U	10 U	10 U
Vinyl Chloride	**2**	10 UJ	1 U	1 U	1 U	10 U	10 U
Xylenes, Total	NS	20 UJ	2 U	2 U	2 U	20 U	20 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-14BR-I_20251113	RI-MW-15_20251110	RI-MW-15BR_20251110	RI-MW-15BR-D-I_20251110	RI-MW-15BR-I_20251110	RI-MW-16_20251112
	Laboratory Sample ID	460-339388-2	460-339064-6	460-339064-9	460-339064-7	460-339064-8	460-339291-1
	Date Sampled	11/13/2025	11/10/2025	11/10/2025	11/10/2025	11/10/2025	11/12/2025
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	10	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	10 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	10 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	5.8 U	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	5	10 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	10 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	10 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	10 UJ	1 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	10 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	10 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	10 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	3 U	0.3 U	0.3 U	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	1	9.2 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	10 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	10 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	10 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	50 U	5 U	5 U	5 U	5 U	5 U
Acetone	**50**	50 U	5 U	5 U	5 U	5 U	5 U
Benzene	**1**	4.5 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Bromochloromethane	5	10 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	9.8 U	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Bromoform	50	10 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ
Bromomethane	5	10 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	10 U	1 U	1 U	1.6	1 U	1 U
Carbon Tetrachloride	5	10 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	10 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	10 U	1 U	1 U	1 U	1 U	1 U
Chloroform	**7**	3.5 J	1 U	1.3	0.58 J	1 U	1 U
Chloromethane	5	10 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	**33**	1 U	1 U	1 U	1 U	**8.4**
Cis-1,3-Dichloropropene	NS	4.5 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	10 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	7.8 U	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	5	10 UJ	1 UJ	1 U	1 UJ	1 UJ	1 UJ
Ethylbenzene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	10 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	10 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	50 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	50 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	50 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	10 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	10 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	10 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	10 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	10 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	6.5 J	0.26 J	1.8	1 U	0.45 J	3.2
Tetrachloroethylene (PCE)	**5**	**2,200**	0.34 J	2.9	4	1.8	**16**
Toluene	**5**	10 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	10 U	1 U	1 U	1 U	1 U	0.25 J
Trans-1,3-Dichloropropene	NS	4.5 U	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	**5**	**98**	0.28 U	0.28 U	0.28 U	0.28 U	3.4
Trichlorofluoromethane	5	10 U	1 UJ	1 U	1 UJ	1 UJ	1 U
Vinyl Chloride	**2**	10 U	1 U	1 UJ	1 U	1 U	1 U
Xylenes, Total	NS	20 U	2 U	2 U	2 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	RI-MW-16BR_20251112	RI-MW-16BR-D-I_20251112	RI-MW-16BR-D-II_20260227	RI-MW-16BR-I_20251112	EB_20250123	RI-FB_20240524
	Laboratory Sample ID	460-339291-2	460-339291-3	460-345473-1	460-339291-4	460-319223-6	460-304651-4
	Date Sampled	11/12/2025	11/12/2025	2/27/2026	11/12/2025	1/23/2025	5/24/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	10	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	10 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	0.2 U	2 U	0.2 U	0.2 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	10 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	0.58 U	5.8 U	0.58 U	0.58 U	1 U	1 U
1,1-Dichloroethane	5	1 U	10 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	10 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	10 U	1 U	1 U	1 U	1 UJ
1,2,4-Trichlorobenzene	5	1 U	10 U	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	**5**	1 U	10 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	10 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	10 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	10 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	0.3 U	3 U	0.3 U	0.3 U	1 U	1 U
1,2-Dichloropropane	1	0.92 U	9.2 U	0.92 U	0.92 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	10 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	10 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	10 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	50 U	5 U	5 U	5 U	5 U
Acetone	**50**	5 U	50 U	5 U	5 U	5 U	5 U
Benzene	**1**	0.45 U	4.5 U	**1.4**	0.071 J	1 U	1 U
Bromochloromethane	5	1 U	10 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	0.98 U	9.8 U	0.98 U	0.98 U	1 U	1 U
Bromoform	50	1 UJ	10 UJ	1 U	1 UJ	1 U	1 U
Bromomethane	5	1 U	10 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	10 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	10 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	10 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	10 U	1 U	1 U	1 U	1 U
Chloroform	**7**	0.47 J	10 U	6.1	4.4	1 U	1 U
Chloromethane	5	1 U	10 U	0.68 J	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	**12**	**96**	**12**	**41**	1 U	1 U
Cis-1,3-Dichloropropene	NS	0.45 U	4.5 U	0.45 U	0.45 U	1 U	1 U
Cyclohexane	NS	1 U	10 U	0.46 J	1 U	1 U	1 U
Dibromochloromethane	50	0.78 U	7.8 U	0.78 U	0.78 U	1 U	1 U
Dichlorodifluoromethane	5	1 UJ	10 UJ	1 U	1 UJ	1 U	1 U
Ethylbenzene	**5**	1 U	10 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	10 U	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	1 U	10 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	50 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	50 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	50 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	10 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	10 U	0.95 J	1 U	1 U	1 U
N-Butylbenzene	**5**	1 U	10 U	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	1 U	10 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	10 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	1 U	10 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	10 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	10 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	**11**	**47**	**14**	**22**	1 U	1 U
Tetrachloroethylene (PCE)	**5**	**14**	**2,200**	0.4 U	**150**	1 U	1 U
Toluene	**5**	1 U	10 U	3.1	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	10 U	1 U	0.25 J	1 U	1 U
Trans-1,3-Dichloropropene	NS	0.45 U	4.5 U	0.45 U	0.45 U	1 U	1 U
Trichloroethylene (TCE)	**5**	1.4	**75**	0.28 U	**11**	1 U	1 U
Trichlorofluoromethane	5	1 U	10 U	1 U	1 U	1 U	1 U
Vinyl Chloride	**2**	1 U	10 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	20 U	2 U	2 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

	AKRF Sample ID	FB_20250123	FB_20251110	FB_20250423	FB_20260226	RI-TB_20240521	RI-TB-05_20240807
	Laboratory Sample ID	460-319223-4	460-339064-4	460-324773-3	460-345422-1	460-304422-3	460-309243-4
	Date Sampled	1/23/2025	11/10/2025	4/23/2025	2/26/2026	5/21/2024	8/07/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	0.2 U	0.2 U	0.2 U	1 U	1 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	0.58 U	0.58 U	0.58 U	1 U	1 U
1,1-Dichloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
1,1-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U	1 UJ	1 U
1,2,4-Trimethylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	0.3 U	0.3 U	0.3 U	1 U	1 U
1,2-Dichloropropane	1	1 U	0.92 U	0.92 U	0.92 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U	5 U	5 U
Acetone	**50**	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	**1**	1 U	0.45 U	0.26 J	0.45 U	1 U	1 U
Bromochloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	0.98 U	0.98 U	0.98 U	1 U	1 U
Bromoform	50	1 U	1 UJ	1 U	1 U	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Chloroform	**7**	1 U	1 U	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	0.45 U	0.45 U	0.45 U	1 U	1 U
Cyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	0.78 U	0.78 U	0.78 U	1 U	1 U
Dichlorodifluoromethane	5	1 U	1 UJ	1 U	1 U	1 U	1 U
Ethylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U	1 U	1 U
N-Butylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	1 U	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	1 U	0.4 U	0.4 U	0.4 U	1 U	1 U
Toluene	**5**	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	0.45 U	0.45 U	0.45 U	1 U	1 U
Trichloroethylene (TCE)	**5**	1 U	0.28 U	0.28 U	0.28 U	1 U	1 U
Trichlorofluoromethane	5	1 U	1 UJ	1 U	1 U	1 UJ	1 U
Vinyl Chloride	**2**	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U	2 U	2 U

Table 3A
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of VOCs

AKRF Sample ID		TB_20250123	TB_20251110	TB_20250423	TB_20260226
Laboratory Sample ID		460-319223-5	460-339064-10	460-324773-5	460-345422-5
Date Sampled		1/23/2025	11/10/2025	4/23/2025	2/26/2026
Unit		µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	5	1 U	1 U	1 U	1 U
1,1,2,2-Tetrachloroethane	5	1 U	0.2 U	0.2 U	0.2 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	5	1 U	1 U	1 U	1 U
1,1,2-Trichloroethane	1	1 U	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	1 U
1,2,3-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trichlorobenzene	5	1 U	1 U	1 U	1 U
1,2,4-Trimethylbenzene	**5**	1 U	1 U	1 U	1 U
1,2-Dibromo-3-Chloropropane	0.04	1 U	1 U	1 U	1 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,2-Dichloroethane	0.6	1 U	0.3 U	0.3 U	0.3 U
1,2-Dichloropropane	1	1 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene (Mesitylene)	**5**	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	3	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	3	1 U	1 U	1 U	1 U
2-Hexanone	50	5 U	5 U	5 U	5 U
Acetone	**50**	5 U	5 U	5 U	5 U
Benzene	**1**	1 U	0.45 U	0.45 U	0.45 U
Bromochloromethane	5	1 U	1 U	1 U	1 U
Bromodichloromethane	50	1 U	0.98 U	0.98 U	0.98 U
Bromoform	50	1 U	1 UJ	1 U	1 U
Bromomethane	5	1 U	1 U	1 U	1 U
Carbon Disulfide	60	1 U	1 U	1 U	1 U
Carbon Tetrachloride	5	1 U	1 U	1 U	1 U
Chlorobenzene	5	1 U	1 U	1 U	1 U
Chloroethane	5	1 U	1 U	1 U	1 U
Chloroform	**7**	1 U	1 U	1 U	1 U
Chloromethane	5	1 U	1 U	1 U	1 U
Cis-1,2-Dichloroethylene	**5**	1 U	1 U	1 U	1 U
Cis-1,3-Dichloropropene	NS	1 U	0.45 U	0.45 U	0.45 U
Cyclohexane	NS	1 U	1 U	1 U	1 U
Dibromochloromethane	50	1 U	0.78 U	0.78 U	0.78 U
Dichlorodifluoromethane	5	1 U	1 UJ	1 U	1 U
Ethylbenzene	**5**	1 U	1 U	1 U	1 U
Isopropylbenzene (Cumene)	**5**	1 U	1 U	1 U	1 U
M,P-Xylenes	**5**	1 U	1 U	1 U	1 U
Methyl Acetate	NS	5 U	5 U	5 U	5 U
Methyl Ethyl Ketone (2-Butanone)	50	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	NS	5 U	5 U	5 U	5 U
Methylcyclohexane	NS	1 U	1 U	1 U	1 U
Methylene Chloride	5	1 U	1 U	1 U	1 U
N-Butylbenzene	**5**	1 U	1 U	1 U	1 U
N-Propylbenzene	**5**	1 U	1 U	1 U	1 U
O-Xylene (1,2-Dimethylbenzene)	**5**	1 U	1 U	1 U	1 U
Sec-Butylbenzene	**5**	1 U	1 U	1 U	1 U
Styrene	5	1 U	1 U	1 U	1 U
T-Butylbenzene	5	1 U	1 U	1 U	1 U
Tert-Butyl Methyl Ether	**10**	1 U	1 U	1 U	1 U
Tetrachloroethylene (PCE)	**5**	1 U	0.4 U	0.4 U	0.4 U
Toluene	**5**	1 U	1 U	1 U	1 U
Trans-1,2-Dichloroethene	5	1 U	1 U	1 U	1 U
Trans-1,3-Dichloropropene	NS	1 U	0.45 U	0.45 U	0.45 U
Trichloroethylene (TCE)	**5**	1 U	0.28 U	0.28 U	0.28 U
Trichlorofluoromethane	5	1 U	1 UJ	1 U	1 U
Vinyl Chloride	**2**	1 U	1 U	1 U	1 U
Xylenes, Total	NS	2 U	2 U	2 U	2 U

Table 3B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of SVOCs

AKRF Sample ID		RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523	RI-MW-03_20240522
Laboratory Sample ID		460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-2	460-304450-1
Date Sampled		5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024	5/22/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 UJ	10 UJ	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 UJ	10 UJ	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 UJ	10 UJ	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 UJ	20 UJ	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U	2 U	2 U
Benzaldehyde	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 UT	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 UJ	10 UJ	10 U	10 U	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	1.2 J	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U

Table 3B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of SVOCs

AKRF Sample ID		RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528	RI-MW-07_20240521	RI-MW-07D_20240521
Laboratory Sample ID		460-304450-2	460-304875-1	460-304803-2	460-304803-3	460-304422-1	460-304422-2
Date Sampled		5/22/2024	5/29/2024	5/28/2024	5/28/2024	5/21/2024	5/21/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	50	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
2-Nitrophenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 U	10 U	10 U	10 U
4-Nitrophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	20	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U	2 U	2 U	2 U
Benzaldehyde	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 U	10 U	10 U	10 U	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 UJ	10 U	10 U	10 U	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	5	2 U	2 U	2 U	2 U	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U	1 U	1 U	1 UJ
N-Nitrosodiphenylamine	50	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U	10 U	10 U	10 U

Table 3B
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of SVOCs

	AKRF Sample ID	RI-MW-08_20240528	RI-MW-08A_20240807	RI-FB_20240524
	Laboratory Sample ID	460-304803-1	460-309243-2	460-304651-4
	Date Sampled	5/28/2024	8/07/2024	5/24/2024
	Unit	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1
Compound	AWQSGV	CONC Q	CONC Q	CONC Q
1,2,4,5-Tetrachlorobenzene	5	10 U	10 U	10 U
1,4-Dioxane (P-Dioxane)	0.35	0.2 U	0.2 U	0.2 U
2,3,4,6-Tetrachlorophenol	NS	10 U	10 U	10 U
2,4,5-Trichlorophenol	NS	10 U	10 U	10 U
2,4,6-Trichlorophenol	NS	10 U	10 U	10 U
2,4-Dichlorophenol	5	10 U	10 U	10 U
2,4-Dimethylphenol	50	1.8 J	10 U	10 U
2,4-Dinitrophenol	10	40 U	40 U	40 U
2,4-Dinitrotoluene	5	10 U	10 U	10 U
2,6-Dinitrotoluene	5	2 U	2 U	2 U
2-Chloronaphthalene	10	10 U	10 U	10 U
2-Chlorophenol	NS	10 U	10 U	10 U
2-Methylnaphthalene	NS	10 U	10 U	10 U
2-Methylphenol (O-Cresol)	NS	10 U	10 U	10 U
2-Nitroaniline	5	10 U	10 U	10 UJ
2-Nitrophenol	NS	10 U	10 U	10 U
3- And 4- Methylphenol (Total)	NS	10 U	10 U	10 U
3,3'-Dichlorobenzidine	5	10 U	10 U	10 U
3-Nitroaniline	5	10 U	10 U	10 UJ
4,6-Dinitro-2-Methylphenol	NS	20 U	20 U	20 U
4-Bromophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Chloro-3-Methylphenol	NS	10 U	10 U	10 U
4-Chloroaniline	5	10 U	10 U	10 U
4-Chlorophenyl Phenyl Ether	NS	10 U	10 U	10 U
4-Methylphenol (P-Cresol)	NS	10 U	10 U	10 U
4-Nitroaniline	5	10 U	10 U	10 UJ
4-Nitrophenol	NS	20 U	20 U	20 UJ
Acenaphthene	20	10 U	10 U	10 U
Acenaphthylene	NS	10 U	10 U	10 U
Acetophenone	NS	10 U	10 U	10 U
Anthracene	50	10 U	10 U	10 U
Atrazine	7.5	2 U	2 U	2 U
Benzaldehyde	NS	10 U	10 U	10 U
Benzo(a)Anthracene	0.002	1 U	1 U	1 U
Benzo(a)Pyrene	ND	1 U	1 U	1 U
Benzo(b)Fluoranthene	0.002	2 U	2 U	2 U
Benzo(g,h,i)Perylene	NS	10 U	10 UT	10 U
Benzo(k)Fluoranthene	0.002	1 U	1 U	1 U
Benzyl Butyl Phthalate	50	10 U	10 U	10 U
Biphenyl (Diphenyl)	5	10 U	10 U	10 U
Bis(2-Chloroethoxy) Methane	5	10 U	10 U	10 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	1 U	1 U	1 U
Bis(2-Chloroisopropyl) Ether	5	10 U	10 U	10 UJ
Bis(2-Ethylhexyl) Phthalate	5	1.3 J	2 U	2 U
Caprolactam	NS	10 U	10 U	10 U
Carbazole	NS	10 U	10 U	10 U
Chrysene	0.002	2 U	2 U	2 U
Dibenz(a,h)Anthracene	NS	1 U	1 U	1 U
Dibenzofuran	NS	10 U	10 U	10 U
Diethyl Phthalate	50	10 U	10 U	10 U
Dimethyl Phthalate	50	10 U	10 U	10 U
Di-N-Butyl Phthalate	50	10 U	10 U	10 U
Di-N-Octylphthalate	50	10 U	10 U	10 U
Fluoranthene	50	10 U	10 U	10 U
Fluorene	50	10 U	10 U	10 U
Hexachlorobenzene	0.04	1 U	1 U	1 U
Hexachlorobutadiene	0.5	1 U	1 U	1 U
Hexachlorocyclopentadiene	5	10 U	10 U	10 U
Hexachloroethane	5	2 U	2 U	2 U
Indeno(1,2,3-c,d)Pyrene	0.002	2 U	2 U	2 U
Isophorone	50	10 U	10 U	10 U
Naphthalene	10	2 U	2 U	2 U
Nitrobenzene	0.4	1 U	1 U	1 U
N-Nitrosodi-N-Propylamine	NS	1 U	1 U	1 U
N-Nitrosodiphenylamine	50	10 U	10 U	10 U
Pentachlorophenol	NS	20 U	20 U	20 U
Phenanthrene	50	10 U	10 U	10 U
Phenol	1	10 U	10 U	10 U
Pyrene	50	10 U	10 U	10 U

Table 3C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID		RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523
Laboratory Sample ID		460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-2
Date Sampled		5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 3C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID		RI-MW-03_20240522	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528
Laboratory Sample ID		460-304450-1	460-304450-2	460-304875-1	460-304803-2	460-304803-3
Date Sampled		5/22/2024	5/22/2024	5/29/2024	5/28/2024	5/28/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 3C
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Pesticides

AKRF Sample ID		RI-MW-07_20240521	RI-MW-07D_20240521	RI-MW-08_20240528	RI-MW-08A_20240807	RI-FB_20240524
Laboratory Sample ID		460-304422-1	460-304422-2	460-304803-1	460-309243-2	460-304651-4
Date Sampled		5/21/2024	5/21/2024	5/28/2024	8/07/2024	5/24/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aldrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Alpha Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Beta Endosulfan	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
cis-Chlordane	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Dieldrin	0.004	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfan Sulfate	NS	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endosulfans ABS	NS	0 U	0 U	0 U	0 U	0 U
Endrin	ND	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Aldehyde	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Endrin Ketone	5	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Gamma Bhc (Lindane)	0.05	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor	0.04	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Heptachlor Epoxide	0.03	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Methoxychlor	35	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDD	0.3	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDE	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
P,P'-DDT	0.2	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Toxaphene	0.06	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U

Table 3D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PCBs

AKRF Sample ID		RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523
Laboratory Sample ID		460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-2
Date Sampled		5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 3D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PCBs

	AKRF Sample ID	RI-MW-03_20240522	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528
	Laboratory Sample ID	460-304450-1	460-304450-2	460-304875-1	460-304803-2	460-304803-3
	Date Sampled	5/22/2024	5/22/2024	5/29/2024	5/28/2024	5/28/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 3D
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PCBs

	AKRF Sample ID	RI-MW-07_20240521	RI-MW-07D_20240521	RI-MW-08_20240528	RI-MW-08A_20240807	RI-FB_20240524
	Laboratory Sample ID	460-304422-1	460-304422-2	460-304803-1	460-309243-2	460-304651-4
	Date Sampled	5/21/2024	5/21/2024	5/28/2024	8/07/2024	5/24/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
PCB-1016 (Aroclor 1016)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1221 (Aroclor 1221)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1232 (Aroclor 1232)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1242 (Aroclor 1242)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1248 (Aroclor 1248)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1254 (Aroclor 1254)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1260 (Aroclor 1260)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1262 (Aroclor 1262)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
PCB-1268 (Aroclor 1268)	NS	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Total PCBs	0.09	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U

Table 3E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

	AKRF Sample ID	RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02_20240523
	Laboratory Sample ID	460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-1
	Date Sampled	5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	5
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	16,100	11,300	22,300	NR	14,400
Antimony	3	1.1 J	1.7 J	2 U	NR	3 J
Arsenic	25	4	1.9 J	3.2	NR	14.1
Barium	1,000	382	211	501	NR	391
Beryllium	3	0.62 J	0.35 J	0.77 J	NR	4 U
Cadmium	5	2 U	2 U	2 U	NR	10 U
Calcium	NS	275,000	127,000	212,000	NR	92,900
Chromium, Total	50	29.7	22.2	42.6	NR	23
Cobalt	NS	14.1	9.4	21.3	NR	11.4 J
Copper	200	38.6	34.2	55.1	NR	60.4
Iron	**300**	**25,700**	**18,600**	**37,300**	NR	**18,100**
Lead	**25**	20.5	12.8	15	NR	**291**
Magnesium	**35,000**	**42,600**	**36,900**	**91,900**	NR	19,800
Manganese	**300**	**881**	**550**	**1,560**	NR	**316**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.23	NR
Nickel	100	32.3	21.7	39.8	NR	25.3
Potassium	NS	16,000	14,700	19,000	NR	11,500
Selenium	10	1.1 J	1.2 J	1.3 J	NR	12.5 U
Silver	50	2 U	2 U	2 U	NR	10 U
Sodium	**20,000**	**169,000**	**62,600**	**110,000**	NR	**121,000**
Thallium	0.5	0.24 J	0.8 U	0.49 J	NR	4 U
Vanadium	NS	43	29.1	59.3	NR	46.4
Zinc	2,000	354	82.9	117	NR	472

Table 3E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

	AKRF Sample ID	RI-MW-02D_20240523	RI-MW-03_20240522	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528
	Laboratory Sample ID	460-304542-2	460-304450-1	460-304450-2	460-304875-1	460-304803-2
	Date Sampled	5/23/2024	5/22/2024	5/22/2024	5/29/2024	5/28/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	2,400	40 U	6,590	386	2,700
Antimony	3	0.6 J	2 U	2 U	2 U	0.67 J
Arsenic	25	2 U	2 U	1.5 J	2 U	2.3
Barium	1,000	186	117	145	130	154
Beryllium	3	0.8 U	0.8 U	0.22 J	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	172,000	96,600	79,000	138,000	102,000
Chromium, Total	50	5.4	4 U	11.5	4 U	7.4
Cobalt	NS	5.4	4 U	7.5	4.1	3.6 J
Copper	200	6.7	36.2	27.8	2 J	18.1
Iron	**300**	**3,750**	120 U	**11,100**	**1,520**	**6,660**
Lead	**25**	18.3	1.2 U	10	5	6.1
Magnesium	**35,000**	**35,700**	23,700	19,400	30,400	19,900
Manganese	**300**	**1,790**	42.9	**685**	**1,420**	**1,610**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	6.4	3.5 J	12.9	4.4	6.4
Potassium	NS	11,600	432	8,650	8,590	7,700
Selenium	10	2.5 U	2.5 U	0.46 J	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**130,000**	**51,200**	**42,300**	**201,000**	**128,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	6.9	2.1 J	19.3	4 U	7.7
Zinc	2,000	60.3	131	45.5 JK	6.2 J	51.8

Table 3E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

AKRF Sample ID		RI-MW-0X_20240528	RI-MW-07_20240521	RI-MW-07D_20240521	RI-MW-08_20240528	RI-MW-08A_20240807
Laboratory Sample ID		460-304803-3	460-304422-1	460-304422-2	460-304803-1	460-309243-2
Date Sampled		5/28/2024	5/21/2024	5/21/2024	5/28/2024	8/07/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	2,540	3,060	4,700	788	540
Antimony	3	0.9 J	2 U	2 U	0.67 J	2 U
Arsenic	25	2.5	1.5 J	2 U	2 U	2 U
Barium	1,000	168	141	171	94.5	184
Beryllium	3	0.8 U	0.12 J	0.24 J	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	111,000	158,000	193,000	62,000	115,000
Chromium, Total	50	6.8	4.1	10.8	4 U	4 U
Cobalt	NS	3.6 J	2.5 J	4.2	1.6 J	1.1 J
Copper	200	18.6	9.5	16.4	5.2	4 U
Iron	**300**	**6,470**	**9,470**	**7,540**	**6,200**	**2,890**
Lead	**25**	6.8	16.5	21.8	4.9	0.58 J
Magnesium	**35,000**	21,400	29,800	**37,000**	9,770	32,800
Manganese	**300**	**1,710**	**1,120**	**478**	**501**	**868**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	6.5	6.2	8.8	2.4 J	4 U
Potassium	NS	7,990	10,200	16,100	6,490	7,280
Selenium	10	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**150,000**	**205,000**	**274,000**	**288,000**	**166,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	7.8	6.5	10.8	1.8 J	1.7 J
Zinc	2,000	47	19.2	435	12.4 J	16 U

Table 3E
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Total Metals

	AKRF Sample ID	RI-FB_20240524
	Laboratory Sample ID	460-304651-4
	Date Sampled	5/24/2024
	Unit	µg/L
	Dilution Factor	1
Compound	**AWQSGV**	CONC Q
Aluminum	NS	12.4 J
Antimony	3	2 U
Arsenic	25	2 U
Barium	1,000	4 U
Beryllium	3	0.8 U
Cadmium	5	2 U
Calcium	NS	207 J
Chromium, Total	50	4 U
Cobalt	NS	4 U
Copper	200	4 U
Iron	**300**	120 U
Lead	**25**	1.2 U
Magnesium	**35,000**	200 U
Manganese	**300**	8 U
Mercury	0.7	0.2 U
Nickel	100	4 U
Potassium	NS	200 U
Selenium	10	2.5 U
Silver	50	2 U
Sodium	**20,000**	498 J
Thallium	0.5	0.8 U
Vanadium	NS	4 U
Zinc	2,000	16 U

Table 3F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

	AKRF Sample ID	RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523
	Laboratory Sample ID	460-304651-2	460-304651-1	460-309243-1	460-304542-1	460-304542-2
	Date Sampled	5/24/2024	5/24/2024	8/07/2024	5/23/2024	5/23/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	3	1.2 J	1.8 J	2 U	1.1 J	2 U
Arsenic	25	2 U	2 U	2 U	1.9 J	2 U
Barium	1,000	141	86.5	257	130	142
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	293,000	129,000	188,000	88,500	167,000
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	2.2 J	0.6 J	2.7 J	4 U	2.7 J
Copper	200	3.5 J	3.3 J	4 U	4.5	4 U
Iron	300	120 U	120 U	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.1 J	1.2 U
Magnesium	**35,000**	30,500	28,600	**75,000**	14,800	32,400
Manganese	**300**	**500**	278	**1,080**	5 J	**1,460**
Mercury	0.7	0.2 U	0.2 U	0.31	0.2 U	0.2 U
Nickel	100	6.9	4 U	4 U	4 U	1.7 J
Potassium	NS	11,000	12,000	10,500	9,220	10,500
Selenium	10	1.3 J	2.5 U	1.5 J	0.55 J	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**86,200**	**69,200**	**121,000**	**74,300**	**124,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	2.4 J	4 U
Zinc	2,000	127	8.2 J	7.4 J	5 J	9.7 J

Table 3F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

	AKRF Sample ID	RI-MW-03_20240522	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528
	Laboratory Sample ID	460-304450-1	460-304450-2	460-304875-1	460-304803-2	460-304803-3
	Date Sampled	5/22/2024	5/22/2024	5/29/2024	5/28/2024	5/28/2024
	Unit	µg/L	µg/L	µg/L	µg/L	µg/L
	Dilution Factor	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	3	2 U	2 U	2 U	2 U	2 U
Arsenic	25	1.6 J	2 U	2 U	2 U	1.4 J
Barium	1,000	212	64.9	108	110	122
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	114,000	71,900	135,000	98,500	109,000
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	1.8 J	0.73 J	3.4 J	0.77 J	0.98 J
Copper	200	3.2 J	2 J	4 U	4 U	2 J
Iron	300	120 U	120 U	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Magnesium	**35,000**	22,200	14,900	29,100	17,200	19,000
Manganese	**300**	**1,760**	**531**	**1,260**	**1,410**	**1,500**
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	2.3 J	4 U	3.2 J	4 U	4 U
Potassium	NS	7,230	5,800	8,280	6,880	7,060
Selenium	10	0.46 J	0.62 J	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**57,800**	**41,700**	**191,000**	**126,000**	**137,000**
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	16 U	16 U	16.5	16.4

Table 3F
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of Dissolved Metals

AKRF Sample ID		RI-MW-07_20240521	RI-MW-07D_20240521	RI-MW-08_20240528	RI-MW-08A_20240807	RI-FB_20240524
Laboratory Sample ID		460-304422-1	460-304422-2	460-304803-1	460-309243-2	460-304651-4
Date Sampled		5/21/2024	5/21/2024	5/28/2024	8/07/2024	5/24/2024
Unit		µg/L	µg/L	µg/L	µg/L	µg/L
Dilution Factor		1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
Aluminum	NS	40 U	40 U	40 U	40 U	40 U
Antimony	3	2 U	2 U	0.79 J	2 U	2 U
Arsenic	25	2 U	2 U	2 U	2 U	2 U
Barium	1,000	102	112	61	159	4 U
Beryllium	3	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Cadmium	5	2 U	2 U	2 U	2 U	2 U
Calcium	NS	142,000	160,000	60,400	112,000	63.5 J
Chromium, Total	50	4 U	4 U	4 U	4 U	4 U
Cobalt	NS	0.55 J	1.1 J	0.59 J	0.62 J	4 U
Copper	200	4 U	4 U	4 U	4 U	4 U
Iron	300	120 U	120 U	120 U	120 U	120 U
Lead	25	1.2 U	1.2 U	2.4	1.2 U	1.2 U
Magnesium	**35,000**	29,900	33,700	8,730	34,800	200 U
Manganese	**300**	267	**357**	**393**	**781**	8 U
Mercury	0.7	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	1.7 J	2.3 J	4 U	4 U	4 U
Potassium	NS	12,100	14,100	6,610	7,150	200 U
Selenium	10	0.66 J	0.54 J	2.5 U	2.5 U	2.5 U
Silver	50	2 U	2 U	2 U	2 U	2 U
Sodium	**20,000**	**252,000**	**271,000**	**262,000**	**167,000**	500 U
Thallium	0.5	0.8 U	0.8 U	0.8 U	0.8 U	0.8 U
Vanadium	NS	4 U	4 U	4 U	4 U	4 U
Zinc	2,000	16 U	88.4	11.7 J	11.3 J	16 U

Table 3G
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-01_20240524	RI-MW-01_20240524	RI-MW-01D_20240524	RI-MW-01DA_20240807	RI-MW-02_20240523	RI-MW-02D_20240523
	Laboratory Sample ID	460-304586-2	460-304586-2	460-304586-1	460-309613-1	460-304568-1	460-304568-2
	Date Sampled	5/24/2024	5/24/2024	5/24/2024	08/07/2024	5/23/2024	5/23/2024
	Unit	ppt	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	10	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	21.6 U	NR	23.4 U	7.73 U	7.23 U	15.3 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	21.6 U	NR	23.4 U	7.73 U	7.23 U	15.3 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid	NS	NR	NR	NR	7.73 U	NR	NR
1H,1H,2H,2H-Perfluorooctane sulfonic acid	NS	NR	NR	NR	7.73 U	NR	NR
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	53.9 U	NR	58.5 U	NR	18.1 U	38.3 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	53.9 U	NR	58.5 U	NR	18.1 U	38.3 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	135 U	NR	146 U	NR	45.2 U	95.7 U
3-Perfluoroheptyl propanoic acid	NS	135 U	NR	146 U	48.3 U	45.2 U	95.7 U
3-Perfluoropentylpropanoic acid	NS	NR	NR	NR	48.3 U	NR	NR
3-Perfluoropropyl propanoic acid	NS	26.9 U	NR	29.3 U	9.67 U	9.04 U	19.1 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NR	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	21.6 U	NR	23.4 U	7.73 U	7.23 U	15.3 U
6:2 Fluorotelomer sulfonate	NS	21.6 U	NR	21 J	NR	7.23 U	4.73 J
8:2 Fluorotelomer sulfonate	NS	21.6 U	NR	24.5	NR	7.23 U	15.3 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	21.6 U	NR	23.4 U	7.73 U	7.23 U	15.3 U
Hexafluoropropylene oxide dimer acid	NS	NR	NR	NR	7.73 U	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	5.39 U	NR	1.67 J	1.93 U	1.81 U	3.83 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	19.3 U	NR	NR
N-methyl perfluorooctanesulfonamide	NS	5.39 UJ	NR	5.85 U	1.93 U	1.81 U	3.83 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NR	53.9 U	2.4 J	1.93 U	1.81 U	3.83 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	19.3 U	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	10.8 U	NR	11.7 U	3.87 U	3.62 U	7.66 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	10.8 U	NR	11.7 U	3.87 U	3.62 U	7.66 U
Perfluoro(2-Propoxypropanoic) Acid	NS	21.6 U	NR	23.4 U	NR	7.23 U	15.3 U
Perfluoro-3-methoxypropanoic acid	NS	10.8 U	NR	11.7 U	3.87 U	3.62 U	7.66 U
Perfluoro-4-methoxybutanoic acid	NS	10.8 U	NR	11.7 U	3.87 U	3.62 U	7.66 U
Perfluorobutanesulfonic acid	NS	82.8	NR	10.7	6.74	1.81 U	10.4 JK
Perfluorobutanoic acid	NS	27	NR	6.56 J	10.7	7.23 U	15.3 U
Perfluorodecanesulfonic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluorodecanoic acid	NS	NR	53.9 UJ	1.66 J	1.93 U	1.81 U	3.83 U
Perfluorododecanesulfonic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluorododecanoic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluoroheptanesulfonic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluoroheptanoic acid	NS	36.9	NR	11.8	5.86	1.81 U	10.1 JK
Perfluorohexanesulfonic acid	NS	7.65	NR	5.88	4.13	1.81 U	16.9 JK
Perfluorohexanoic acid	NS	85.5	NR	21.5	11.7	1.81 U	24.1 JK
Perfluorononanesulfonic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluorononanoic acid	NS	NR	53.9 UJ	8.68	1.93 U	1.81 U	8.69 JK
Perfluorooctanesulfonamide	NS	5.39 UJ	NR	5.85 UJ	1.93 U	1.81 UJ	3.83 UJ
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**18.1 J**	NR	**15.3**	2.19	1.81 U	**52.3 JK**
Perfluorooctanoic acid (PFOA)	**6.7**	**36.6**	NR	**28.8**	**15.3**	1.81 U	**42.8 JK**
Perfluoropentanoic acid	NS	108	NR	15.7	10.8	3.62 U	20.9 JK
Perfluoropentansulfonic acid	NS	1.74 J	NR	5.85 U	0.76 J	1.81 U	1.03 J
Perfluorotetradecanoic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluorotridecanoic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U
Perfluoroundecanoic acid	NS	5.39 U	NR	5.85 U	1.93 U	1.81 U	3.83 U

Table 3G
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-03_20240522	RI-MW-03_20240522	RI-MW-04_20240522	RI-MW-05_20240529	RI-MW-06_20240528	RI-MW-0X_20240528
	Laboratory Sample ID	460-304449-1	460-304449-1	460-304449-2	460-304919-1	460-304801-2	460-304801-3
	Date Sampled	5/22/2024	5/22/2024	5/22/2024	5/29/2024	5/28/2024	5/28/2024
	Unit	ppt	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	10	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid	NS	NR	NR	NR	NR	NR	NR
1H,1H,2H,2H-Perfluorooctane sulfonic acid	NS	NR	NR	NR	NR	NR	NR
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	17.8 U	NR	73.3 U	71.2 U	16 U	14.4 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	17.8 U	NR	73.3 U	71.2 U	16 U	14.4 U
2H,2H,3H,3H-Perfluorooctanoic acid	NS	44.5 U	NR	183 U	178 U	40.1 U	36 U
3-Perfluoroheptyl propanoic acid	NS	44.5 U	NR	183 U	178 U	40.1 U	36 U
3-Perfluoropentylpropanoic acid	NS	NR	NR	NR	NR	NR	NR
3-Perfluoropropyl propanoic acid	NS	8.89 U	NR	36.7 U	35.6 U	8.01 U	7.21 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NR	NR	NR	NR	NR	NR
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
6:2 Fluorotelomer sulfonate	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
8:2 Fluorotelomer sulfonate	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
Hexafluoropropylene oxide dimer acid	NS	NR	NR	NR	NR	NR	NR
N-ethyl perfluorooctanesulfonamide	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	NR	NR	NR
N-methyl perfluorooctanesulfonamide	NS	1.78 UJ	NR	7.33 U	7.12 U	1.6 U	1.44 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	NR	17.8 U	7.33 U	7.12 U	1.6 U	1.44 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	NR	NR	NR
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.56 U	NR	14.7 U	14.2 U	3.21 U	2.88 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.56 UJ	NR	14.7 U	14.2 U	3.21 U	2.88 U
Perfluoro(2-Propoxypropanoic) Acid	NS	7.11 U	NR	29.3 U	28.5 U	6.41 U	5.77 U
Perfluoro-3-methoxypropanoic acid	NS	3.56 U	NR	14.7 U	14.2 U	3.21 U	2.88 U
Perfluoro-4-methoxybutanoic acid	NS	3.56 U	NR	14.7 U	14.2 U	3.21 U	2.88 U
Perfluorobutanesulfonic acid	NS	5.89	NR	2.56 J	8.55	2.67	2.19
Perfluorobutanoic acid	NS	10.1	NR	29.3 U	12.5 J	3.91 J	6.53
Perfluorodecanesulfonic acid	NS	NR	17.8 U	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorodecanoic acid	NS	1.78 UJ	NR	7.33 U	7.12 U	0.96 J	0.95 J
Perfluorododecanesulfonic acid	NS	NR	17.8 U	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorododecanoic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
Perfluoroheptanesulfonic acid	NS	NR	17.8 U	7.33 U	7.12 U	1.6 U	1.44 U
Perfluoroheptanoic acid	NS	7.83	NR	2.31 J	6.89 J	3.22	2.22
Perfluorohexanesulfonic acid	NS	7.87	NR	7.33 U	35.2	1.3 J	0.93 J
Perfluorohexanoic acid	NS	8.16	NR	3.54 J	10.7	4.34	4.38
Perfluorononanesulfonic acid	NS	NR	17.8 U	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorononanoic acid	NS	2.84	NR	7.33 U	3.33 J	3.07	3.08
Perfluorooctanesulfonamide	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	NR	**66.9 J**	**21.4**	**110**	**11.3**	**11.7**
Perfluorooctanoic acid (PFOA)	**6.7**	**54.3**	NR	**7.45**	**24**	**11.3**	**9.19**
Perfluoropentanoic acid	NS	4.87	NR	4.31 J	13.3 J	4.35	3.4
Perfluoropentansulfonic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorotetradecanoic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
Perfluorotridecanoic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U
Perfluoroundecanoic acid	NS	1.78 U	NR	7.33 U	7.12 U	1.6 U	1.44 U

Table 3G
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-MW-07_20240521	RI-MW-07D_20240521	RI-MW-08_20240528	RI-MW-08A_20240807	RI-EB_20240522	RI-EB_20240523
	Laboratory Sample ID	460-304421-1	460-304421-2	460-304801-1	460-309613-2	460-304449-3	460-304568-3
	Date Sampled	5/21/2024	5/21/2024	5/28/2024	08/07/2024	5/22/2024	5/23/2024
	Unit	ppt	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	7.27 U	7.05 U	8.12 U	7.6 U	6.63 U	19.5 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	7.27 U	7.05 U	8.12 U	7.6 U	6.63 U	19.5 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid	NS	NR	NR	NR	7.6 U	NR	NR
1H,1H,2H,2H-Perfluorooctane sulfonic acid	NS	NR	NR	NR	7.6 U	NR	NR
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	18.2 U	17.6 U	20.3 U	NR	NR	NR
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	18.2 U	17.6 U	20.3 U	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	45.5 U	44 U	50.8 U	NR	41.4 U	122 U
3-Perfluoroheptyl propanoic acid	NS	45.5 UJ	44 UJ	50.8 U	47.5 U	41.4 U	122 U
3-Perfluoropentylpropanoic acid	NS	NR	NR	NR	47.5 U	NR	NR
3-Perfluoropropyl propanoic acid	NS	9.09 U	8.81 U	10.2 U	9.5 U	8.29 U	24.4 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	NR	NR	NR	NR	6.63 U	19.5 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	7.27 U	7.05 U	8.12 U	7.6 U	NR	NR
6:2 Fluorotelomer sulfonate	NS	7.27 U	7.05 U	8.12 U	NR	6.63 U	19.5 U
8:2 Fluorotelomer sulfonate	NS	7.27 U	7.05 U	8.12 U	NR	6.63 U	19.5 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	7.27 U	7.05 U	8.12 U	7.6 U	6.63 U	19.5 U
Hexafluoropropylene oxide dimer acid	NS	NR	NR	NR	7.6 U	6.63 U	19.5 U
N-ethyl perfluorooctanesulfonamide	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	19 U	16.6 U	48.8 U
N-methyl perfluorooctanesulfonamide	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
N-methyl perfluorooctanesulfonamidoethanol	NS	NR	NR	NR	19 U	16.6 U	48.8 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.64 U	3.52 U	4.06 U	3.8 U	3.32 U	9.77 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.64 U	3.52 U	4.06 U	3.8 U	3.32 UJ	9.77 U
Perfluoro(2-Propoxypropanoic) Acid	NS	7.27 U	7.05 U	8.12 U	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	3.64 U	3.52 U	4.06 U	3.8 U	3.32 U	9.77 U
Perfluoro-4-methoxybutanoic acid	NS	3.64 U	3.52 U	4.06 U	3.8 U	3.32 U	9.77 U
Perfluorobutanesulfonic acid	NS	1.82 U	7.2	5.82	2.57	1.66 U	8.27
Perfluorobutanoic acid	NS	7.27 U	11.4	7.5 J	7.6 U	6.63 U	12.4 J
Perfluorodecanesulfonic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluorodecanoic acid	NS	1.82 U	0.76 J	4.82	1.9 U	1.66 U	3.57 J
Perfluorododecanesulfonic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluorododecanoic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluoroheptanesulfonic acid	NS	1.82 U	0.78 J	1.18 J	1.9 U	1.66 U	4.88 U
Perfluoroheptanoic acid	NS	1.82 U	6	8.37	2.3	1.66 U	8.78
Perfluorohexanesulfonic acid	NS	1.82 U	8.13	3.6	1.73 J	1.66 U	12.2
Perfluorohexanoic acid	NS	1.82 U	13.8	9.01	3.35	1.66 U	16.3
Perfluorononanesulfonic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluorononanoic acid	NS	1.11 J	2.43	4.76	1.4 J	1.66 U	12.7
Perfluorooctanesulfonamide	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 UJ
Perfluorooctanesulfonic acid (PFOS)	**2.7**	**15**	**23.8**	**113**	**9.15**	1.66 U	**57.3**
Perfluorooctanoic acid (PFOA)	**6.7**	1.95	**19.5**	**29.7**	**17.6**	1.66 U	**32.9**
Perfluoropentanoic acid	NS	3.64 U	12.6	9.05	2.65 J	3.32 U	14.3
Perfluoropentansulfonic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluorotetradecanoic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluorotridecanoic acid	NS	1.82 U	1.76 U	2.03 U	1.9 U	1.66 U	4.88 U
Perfluoroundecanoic acid	NS	1.82 U	1.76 U	0.84 J	1.9 U	1.66 U	4.88 U

Table 3G
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Groundwater Analytical Results of PFAS

	AKRF Sample ID	RI-EB_20240524	RI-EB_20240521	RI-EB_20240529	RI-EB-05_20240807	RI-FB_20240524	RI-FB-01_20240729
	Laboratory Sample ID	460-304651-3	460-304421-3	460-304919-2	460-309243-3	460-304651-4	460-308519-9
	Date Sampled	5/24/2024	5/28/2024	5/29/2024	08/07/2024	5/24/2024	7/29/2024
	Unit	ppt	ppt	ppt	ppt	ppt	ppt
	Dilution Factor	1	1	1	1	1	1
Compound	**AWQSGV**	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	NS	6.31 U	6.4 U	6.48 U	5.97 U	6.65 U	6.49 U
1H,1H, 2H, 2H-Perfluorohexane sulfonic acid	NS	6.31 U	6.4 U	6.48 U	5.97 U	6.65 U	6.49 U
1H,1H,2H,2H-Perfluorodecane sulfonic acid	NS	NR	NR	NR	5.97 U	NR	NR
1H,1H,2H,2H-Perfluorooctane sulfonic acid	NS	NR	NR	NR	5.97 U	NR	NR
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	NR	NR	NR	NR	NR
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	NS	NR	NR	NR	NR	NR	NR
2H,2H,3H,3H-Perfluorooctanoic acid	NS	39.4 U	40 U	40.5 U	NR	41.6 U	40.6 U
3-Perfluoroheptyl propanoic acid	NS	39.4 U	40 UJ	40.5 U	37.3 U	41.6 U	40.6 U
3-Perfluoropentylpropanoic acid	NS	NR	NR	NR	37.3 U	NR	NR
3-Perfluoropropyl propanoic acid	NS	7.89 U	8 U	8.1 U	7.46 U	8.32 U	8.12 U
4,8-Dioxa-3H-perfluorononanoic acid	NS	6.31 U	6.4 U	6.48 U	NR	6.65 U	6.49 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	NS	NR	NR	NR	5.97 U	NR	NR
6:2 Fluorotelomer sulfonate	NS	6.31 U	6.4 U	6.48 U	NR	6.65 U	3.92 JBT
8:2 Fluorotelomer sulfonate	NS	6.31 U	6.4 U	6.48 U	NR	6.65 U	6.49 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	NS	6.31 U	6.4 U	6.48 U	5.97 U	6.65 U	6.49 U
Hexafluoropropylene oxide dimer acid	NS	6.31 U	6.4 U	6.48 U	5.97 U	6.65 U	6.49 U
N-ethyl perfluorooctanesulfonamide	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
N-ethyl perfluorooctanesulfonamidoacetic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
N-ethyl perfluorooctanesulfonamidoethanol	NS	15.8 U	16 U	16.2 U	14.9 U	16.6 U	16.2 U
N-methyl perfluorooctanesulfonamide	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
N-methyl perfluorooctanesulfonamidoacetic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
N-methyl perfluorooctanesulfonamidoethanol	NS	15.8 U	16 U	16.2 U	14.9 U	16.6 U	16.2 U
Nonafluoro-3,6-dioxaheptanoic acid	NS	3.15 U	3.2 U	3.24 U	2.98 U	3.33 U	3.25 U
Perfluoro(2-ethoxyethane)sulfonic acid	NS	3.15 U	3.2 U	3.24 U	2.98 U	3.33 U	3.25 U
Perfluoro(2-Propoxypropanoic) Acid	NS	NR	NR	NR	NR	NR	NR
Perfluoro-3-methoxypropanoic acid	NS	3.15 U	3.2 U	3.24 U	2.98 U	3.33 U	3.25 U
Perfluoro-4-methoxybutanoic acid	NS	3.15 U	3.2 U	3.24 U	2.98 U	3.33 U	3.25 U
Perfluorobutanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorobutanoic acid	NS	6.31 U	6.4 U	6.48 U	5.97 U	6.65 U	6.49 U
Perfluorodecanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorodecanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorododecanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorododecanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluoroheptanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluoroheptanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorohexanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorohexanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorononanesulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorononanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorooctanesulfonamide	NS	1.58 UJ	1.6 U	1.62 U	1.49 U	1.66 UJ	1.62 U
Perfluorooctanesulfonic acid (PFOS)	**2.7**	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.31 J
Perfluorooctanoic acid (PFOA)	**6.7**	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluoropentanoic acid	NS	3.15 U	3.2 U	3.24 U	2.98 U	3.33 U	3.25 U
Perfluoropentansulfonic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorotetradecanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluorotridecanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U
Perfluoroundecanoic acid	NS	1.58 U	1.6 U	1.62 U	1.49 U	1.66 U	1.62 U

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID	RI-SV-01_20240510	RI-SV-02_20240509	RI-SV-03_20240508	RI-SV-03_20240508	RI-SV-X_20240508	RI-SV-X_20240508	RI-SV-04_20240509	RI-SV-04_20240509
Laboratory Sample ID	200-73499-9	200-73499-8	200-73499-3	200-73499-3	200-73499-4	200-73499-4	200-73499-5	200-73499-5
Date Sampled	5/10/2024	5/09/2024	5/08/2024	5/08/2024	5/08/2024	5/08/2024	5/09/2024	5/09/2024
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	1	1	2.5	1	2.5	30.3	152
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	1.1 U	1.1 U	NR	1.1 U	NR	33 U	NR
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	NR	42 U	NR
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	0.42 J	0.46 J	0.45 J	NR	0.44 J	NR	46 U	NR
1,1,2-Trichloroethane	1.1 U	1.1 U	1.1 U	NR	1.1 U	NR	33 U	NR
1,1-Dichloroethane	0.62 J	0.81 U	0.81 U	NR	0.81 U	NR	25 U	NR
1,1-Dichloroethene	0.17 J	0.2 U	0.2 U	NR	0.2 U	NR	6.1 U	NR
1,2,4-Trichlorobenzene	3.7 U	3.7 U	3.7 U	NR	NR	NR	110 U	NR
1,2,4-Trimethylbenzene	2.4	4.6	3	NR	3.3	NR	30 U	NR
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	1.5 U	NR	1.5 U	NR	47 U	NR
1,2-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	NR	NR	36 U	NR
1,2-Dichloroethane	0.81 U	0.81 U	0.81 U	NR	0.81 U	NR	25 U	NR
1,2-Dichloropropane	0.92 U	0.92 U	0.92 U	NR	0.92 U	NR	28 U	NR
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	1.4 U	NR	1.4 U	NR	42 U	NR
1,3,5-Trimethylbenzene (Mesitylene)	0.65 J	1.3	0.93 J	NR	0.97 J	NR	30 U	NR
1,3-Butadiene	0.16 J	0.32 J	2.4	NR	2.3	NR	13 U	NR
1,3-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	NR	NR	36 U	NR
1,4-Dichlorobenzene	1.2 U	1.2 U	1.2 U	NR	NR	NR	36 U	NR
2,2,4-Trimethylpentane	6.3	0.34 J	0.65 J	NR	0.65 J	NR	28 U	NR
2-Chlorotoluene	1 U	1 U	1 U	NR	1 U	NR	31 U	NR
2-Hexanone	1.9 J	0.7 J	2 U	NR	0.71 J	NR	62 U	NR
4-Ethyltoluene	0.49 J	1.4	0.97 J	NR	1.1	NR	30 U	NR
Acetone	28	34	NR	92 D	NR	95 D	360 U	NR
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	1.6 U	NR	1.6 U	NR	47 U	NR
Benzene	1.9	0.39 J	2.2	NR	2.3	NR	19 U	NR
Benzyl Chloride	1 U	1 U	1 U	NR	1 U	NR	31 U	NR
Bromodichloromethane	0.99 J	1.3 U	1.3 U	NR	1.3 U	NR	41 U	NR
Bromoform	2.1 U	2.1 U	2.1 U	NR	2.1 U	NR	63 U	NR
Bromomethane	0.78 U	0.78 U	0.78 U	NR	0.78 U	NR	24 U	NR
Butane	3.7	5.4	42	NR	NR	NR	36 U	NR
Carbon Disulfide	22	1.4 J	22	NR	22	NR	47 U	NR
Carbon Tetrachloride	0.34	0.17 J	0.3	NR	0.4	NR	NR	13,000 D
Chlorobenzene	0.92 U	0.92 U	0.92 U	NR	0.92 U	NR	28 U	NR
Chlorodifluoromethane	0.84 J	0.97 J	0.91 J	NR	0.81 J	NR	54 U	NR
Chloroethane	1.3 U	1.3 U	1.3 U	NR	1.3 U	NR	40 U	NR
Chloroform	0.7 J	1	1.1	NR	1.1	NR	200	NR
Chloromethane	1.2	0.36 J	0.79 J	NR	0.75 J	NR	31 U	NR
Cis-1,2-Dichloroethylene	25	0.82	0.2 U	NR	0.2 U	NR	6.1 U	NR
Cis-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	NR	28 U	NR
Cyclohexane	1.7	1.7	2.2	NR	2.2	NR	21 U	NR
Cymene	0.36 J	0.35 J	1.1 U	NR	1.1 U	NR	33 U	NR
Dibromochloromethane	1.7 U	1.7 U	1.7 U	NR	1.7 U	NR	52 U	NR
Dichlorodifluoromethane	1.9 J	2 J	1.9 J	NR	1.8 J	NR	75 U	NR
Ethylbenzene	4.3	3.4	4	NR	4.2	NR	26 U	NR
Hexachlorobutadiene	2.1 U	2.1 U	2.1 U	NR	NR	NR	65 U	NR
Isopropanol	13	17	12 U	NR	12 U	NR	370 U	NR
Isopropylbenzene (Cumene)	2.1	0.79 J	0.98 U	NR	0.74 J	NR	30 U	NR
M,P-Xylenes	22	16	18	NR	19	NR	38 J	NR
Methyl Ethyl Ketone (2-Butanone)	17	7.4	16	NR	17	NR	45 U	NR
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	7.7	1.2 J	0.78 J	NR	0.92 J	NR	62 U	NR
Methyl Methacrylate	0.57 J	2 U	2 U	NR	2 U	NR	62 U	NR
Methylene Chloride	1.7 U	1.7 U	1.7 U	NR	1.7 U	NR	53 U	NR
Naphthalene	2 U	2 U	2 U	NR	NR	NR	61 U	NR
N-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	NR	33 U	NR
N-Heptane	2.5	2.5	4	NR	4.1	NR	25 U	NR
N-Hexane	0.8 J	2.6	4.2	NR	4.3	NR	53 U	NR
N-Propylbenzene	0.34 J	0.75 J	0.62 J	NR	0.66 J	NR	30 U	NR
O-Xylene (1,2-Dimethylbenzene)	8.9	6.1	5.8	NR	6.2	NR	9.3 J	NR
Sec-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	NR	33 U	NR
Styrene	0.72 J	0.82 J	0.49 J	NR	0.62 J	NR	26 U	NR
T-Butylbenzene	1.1 U	1.1 U	1.1 U	NR	1.1 U	NR	33 U	NR
Tert-Butyl Alcohol	15 U	7.1 J	8.1 J	NR	8.3 J	NR	460 U	NR
Tert-Butyl Methyl Ether	4.6	0.72 U	0.72 U	NR	0.72 U	NR	22 U	NR
Tetrachloroethylene (PCE)	11	16	1.6	NR	1.9	NR	42	NR
Tetrahydrofuran	15 U	15 U	15 U	NR	15 U	NR	450 U	NR
Toluene	8.6	14	7.8	NR	8	NR	8.8 J	NR
Trans-1,2-Dichloroethene	0.6 J	0.79 U	0.79 U	NR	0.79 U	NR	24 U	NR
Trans-1,3-Dichloropropene	0.91 U	0.91 U	0.91 U	NR	0.91 U	NR	28 U	NR
Trichloroethylene (TCE)	6.9	2.2	0.2 U	NR	0.23	NR	6.1 U	NR
Trichlorofluoromethane	0.96 J	1.2	1.1	NR	1 J	NR	34 U	NR
Vinyl Bromide	0.87 U	0.87 U	0.87 U	NR	0.87 U	NR	27 U	NR
Vinyl Chloride	1.2	0.2 U	0.2 U	NR	0.2 U	NR	6.1 U	NR
Xylenes, Total	31	22	24	NR	25	NR	47 J	NR

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID	RI-SV-04A	RI-SV-04B	RI-SV-04B	RI-SV-04C	RI-SV-04C	RI-SV-04D	RI-SV-04D	RI-SV-05_20240508
Laboratory Sample ID	200-74558-2	200-74558-3	200-74558-3	200-74558-4	200-74558-4	200-74558-5	200-74558-5	200-73499-2
Date Sampled	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024	7/29/2024	5/08/2024
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	1	1	2	1	2	1	2	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	1.1 U	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
1,1,2,2-Tetrachloroethane	1.4 U	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	1.5 U	0.58 J	NR	0.5 J	NR	1.5 U	NR	1.5 U
1,1,2-Trichloroethane	1.1 U	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
1,1-Dichloroethane	0.81 U	0.2 J	NR	0.81	NR	0.81 U	NR	0.81 U
1,1-Dichloroethene	0.2 U	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
1,2,4-Trichlorobenzene	3.7 U	3.7 U	NR	3.7 U	NR	3.7 U	NR	3.7 U
1,2,4-Trimethylbenzene	6	6.5	NR	190	NR	8.5	NR	8.3
1,2-Dibromoethane (Ethylene Dibromide)	1.5 U	1.5 U	NR	1.5 U	NR	1.5 U	NR	1.5 U
1,2-Dichlorobenzene	1.2 U	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
1,2-Dichloroethane	0.81 U	0.49 J	NR	0.81 U	NR	0.81 U	NR	0.81 U
1,2-Dichloropropane	0.92 U	0.92 U	NR	0.92 U	NR	0.92 U	NR	0.92 U
1,2-Dichlorotetrafluoroethane	1.4 U	1.4 U	NR	1.4 U	NR	1.4 U	NR	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	1.5	1.7	NR	81	NR	2.2	NR	2.1
1,3-Butadiene	2.5	0.74	NR	0.79	NR	3.5	NR	5.3
1,3-Dichlorobenzene	2.7	3	NR	1.2 U	NR	2.5	NR	1.2 U
1,4-Dichlorobenzene	1.2 U	1.2 U	NR	1.2 U	NR	1.2 U	NR	1.2 U
2,2,4-Trimethylpentane	0.42 J	0.88 J	NR	0.76 J	NR	0.49 J	NR	0.73 J
2-Chlorotoluene	1 U	1 U	NR	1 U	NR	1 U	NR	1 U
2-Hexanone	2 U	2 U	NR	2 U	NR	2 U	NR	2 U
4-Ethyltoluene	1.3	1.5	NR	71	NR	2	NR	2.7
Acetone	41	87	NR	41	NR	41	NR	53
Allyl Chloride (3-Chloropropene)	1.6 U	1.6 U	NR	1.6 U	NR	1.6 U	NR	1.6 U
Benzene	0.93	1.9	NR	1.2	NR	0.87	NR	1.6
Benzyl Chloride	1 U	1 U	NR	1 U	NR	1 U	NR	1 U
Bromodichloromethane	1.3 U	1.3 U	NR	1.3 U	NR	1.3 U	NR	1.3 U
Bromoform	2.1 U	2.1 U	NR	2.1 U	NR	2.1 U	NR	2.1 U
Bromomethane	0.78 U	0.78 U	NR	0.78 U	NR	0.78 U	NR	0.78 U
Butane	14	40	NR	37	NR	21	NR	19
Carbon Disulfide	6.4	9.8	NR	7.5	NR	7.4	NR	13
Carbon Tetrachloride	0.22 U	40	NR	4.4	NR	0.22 U	NR	0.21 J
Chlorobenzene	0.92 U	0.92 U	NR	0.92 U	NR	0.92 U	NR	0.92 U
Chlorodifluoromethane	1.3 J	3.6	NR	1.1 J	NR	1.1 J	NR	0.83 J
Chloroethane	1.3 U	1.3 U	NR	1.3 U	NR	1.3 U	NR	1.3 U
Chloroform	2.1	9.9	NR	6.5	NR	0.31 J	NR	1.2
Chloromethane	0.71 J	1.5	NR	0.9 J	NR	0.68 J	NR	2.4
Cis-1,2-Dichloroethylene	0.2 U	1.3	NR	6.7	NR	0.2 U	NR	0.36
Cis-1,3-Dichloropropene	0.91 U	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Cyclohexane	5.3	6.4	NR	0.38 J	NR	5.8	NR	1.2
Cymene	1.1 U	1.1 U	NR	13	NR	1.1 U	NR	0.5 J
Dibromochloromethane	1.7 U	1.7 U	NR	1.7 U	NR	1.7 U	NR	1.7 U
Dichlorodifluoromethane	1.5 J	2.6	NR	2 J	NR	1.7 J	NR	1.8 J
Ethylbenzene	0.84 J	1.6	NR	30	NR	1.1	NR	5.1
Hexachlorobutadiene	2.1 U	2.1 U	NR	2.1 U	NR	2.1 U	NR	2.1 U
Isopropanol	92	NR	110 D	NR	110 D	NR	77 D	12 U
Isopropylbenzene (Cumene)	0.48 J	0.4 J	NR	39	NR	0.49 J	NR	1
M,P-Xylenes	2.2	2.4	NR	170	NR	2.5	NR	27
Methyl Ethyl Ketone (2-Butanone)	4.7	6.1	NR	4	NR	3	NR	3.8
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	2 U	0.53 J	NR	2 U	NR	2 U	NR	2 U
Methyl Methacrylate	2 U	2 U	NR	2 U	NR	2 U	NR	2 U
Methylene Chloride	1.2 J	3.6	NR	1.7 U	NR	1.5 J	NR	1.7 U
Naphthalene	2 U	2 U	NR	2 U	NR	2 U	NR	2 U
N-Butylbenzene	1.1 U	1.1 U	NR	10	NR	1.1 U	NR	1.1 U
N-Heptane	1.1	20	NR	20	NR	0.9	NR	1.5
N-Hexane	2.9	33	NR	31	NR	2.8	NR	2.1
N-Propylbenzene	0.89 J	1.1	NR	61	NR	1.4	NR	1.4
O-Xylene (1,2-Dimethylbenzene)	1.1	1.1	NR	120	NR	1.3	NR	8.4
Sec-Butylbenzene	1.1 U	1.1 U	NR	42	NR	1.1 U	NR	1.1 U
Styrene	1.1	2.4	NR	0.85 U	NR	1.4	NR	0.85
T-Butylbenzene	1.1 U	1.1 U	NR	1.1 U	NR	1.1 U	NR	1.1 U
Tert-Butyl Alcohol	18	20	NR	15	NR	16	NR	6.6 J
Tert-Butyl Methyl Ether	0.72 U	0.72 U	NR	0.72 U	NR	0.72 U	NR	0.72 U
Tetrachloroethylene (PCE)	4.6	34	NR	41	NR	5.1	NR	3.5
Tetrahydrofuran	15 U	15 U	NR	15 U	NR	15 U	NR	15 U
Toluene	3.2	6.2	NR	3.7	NR	3.5	NR	8.6
Trans-1,2-Dichloroethene	1.1	0.21 J	NR	0.33 J	NR	0.79 U	NR	0.79 U
Trans-1,3-Dichloropropene	0.91 U	0.91 U	NR	0.91 U	NR	0.91 U	NR	0.91 U
Trichloroethylene (TCE)	0.2 U	6.9	NR	15	NR	0.2 U	NR	0.3
Trichlorofluoromethane	0.75 J	1.3	NR	0.99 J	NR	0.82 J	NR	0.95 J
Vinyl Bromide	0.87 U	0.87 U	NR	0.87 U	NR	0.87 U	NR	0.87 U
Vinyl Chloride	0.2 U	0.2 U	NR	0.2 U	NR	0.2 U	NR	0.2 U
Xylenes, Total	3.3	3.5	NR	290	NR	3.8	NR	35

Table 4
Brookfield Commons Phase 3
159 South Lexington Avenue, White Plains, NY
Remedial Investigation
Soil Vapor Analytical Results of VOCs

AKRF Sample ID	RI-SV-06_20240509	RI-SV-06_20240509	RI-SV-06A	RI-SV-07_20240509	RI-SV-AA_20240508
Laboratory Sample ID	200-73499-7	200-73499-7	200-74558-1	200-73499-6	200-73499-1
Date Sampled	5/09/2024	5/09/2024	7/29/2024	5/09/2024	5/08/2024
Unit	µg/m^3	µg/m^3	µg/m^3	µg/m^3	µg/m^3
Dilution Factor	85	200	1	1	1
Compound	CONC Q	CONC Q	CONC Q	CONC Q	CONC Q
1,1,1-Trichloroethane	93 U	NR	1.1 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane	120 U	NR	1.4 U	1.4 U	1.4 U
1,1,2-Trichloro-1,2,2-Trifluoroethane (Freon TF)	130 U	NR	1.5 U	1.5 U	1.5 U
1,1,2-Trichloroethane	93 U	NR	1.1 U	1.1 U	1.1 U
1,1-Dichloroethane	69 U	NR	0.81 U	0.81 U	0.81 U
1,1-Dichloroethene	17 U	NR	0.2 U	0.2 U	0.2 U
1,2,4-Trichlorobenzene	320 U	NR	3.7 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene	84 U	NR	0.98 U	0.98 U	0.98 U
1,2-Dibromoethane (Ethylene Dibromide)	130 U	NR	1.5 U	1.5 U	1.5 U
1,2-Dichlorobenzene	100 U	NR	1.2 U	1.2 U	1.2 U
1,2-Dichloroethane	69 U	NR	0.81 U	0.81 U	0.81 U
1,2-Dichloropropane	79 U	NR	0.92 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane	120 U	NR	1.4 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	84 U	NR	0.98 U	0.98 U	0.98 U
1,3-Butadiene	38 U	NR	0.44 U	0.44 U	0.44 U
1,3-Dichlorobenzene	100 U	NR	1.2 U	1.2 U	1.2 U
1,4-Dichlorobenzene	100 U	NR	1.2 U	1.2 U	1.2 U
2,2,4-Trimethylpentane	NR	28,000 D	0.46 J	0.33 J	0.48 J
2-Chlorotoluene	88 U	NR	1 U	1 U	1 U
2-Hexanone	170 U	NR	2 U	2 U	2 U
4-Ethyltoluene	84 U	NR	0.98 U	0.98 U	0.98 U
Acetone	1,000 U	NR	14	51	12
Allyl Chloride (3-Chloropropene)	130 U	NR	1.6 U	1.6 U	1.6 U
Benzene	54 U	NR	0.59 J	0.25 J	0.42 J
Benzyl Chloride	88 U	NR	1 U	1 U	1 U
Bromodichloromethane	110 U	NR	1.3 U	1.3 U	1.3 U
Bromoform	180 U	NR	2.1 U	2.1 U	2.1 U
Bromomethane	66 U	NR	0.78 U	0.78 U	0.78 U
Butane	100 U	NR	1 J	0.87 J	2.4
Carbon Disulfide	130 U	NR	1.6 U	1.6 U	1.6 U
Carbon Tetrachloride	19 U	NR	0.21 J	0.36	0.33
Chlorobenzene	78 U	NR	0.92 U	0.92 U	0.92 U
Chlorodifluoromethane	150 U	NR	1.4 J	1 J	0.92 J
Chloroethane	110 U	NR	1.3 U	1.3 U	1.3 U
Chloroform	83 U	NR	0.98 U	0.98 U	0.98 U
Chloromethane	88 U	NR	1.3	0.86 J	1
Cis-1,2-Dichloroethylene	17 U	NR	0.2 U	0.2 U	0.2 U
Cis-1,3-Dichloropropene	77 U	NR	0.91 U	0.91 U	0.91 U
Cyclohexane	3,000	NR	0.69 U	0.69 U	0.69 U
Cymene	93 U	NR	1.1 U	1.1 U	1.1 U
Dibromochloromethane	140 U	NR	1.7 U	1.7 U	1.7 U
Dichlorodifluoromethane	210 U	NR	2 J	1.9 J	1.8 J
Ethylbenzene	31 J	NR	0.87 U	0.87 U	0.87 U
Hexachlorobutadiene	180 U	NR	2.1 U	2.1 U	2.1 U
Isopropanol	1,000 U	NR	5.1 J	12 U	4 J
Isopropylbenzene (Cumene)	22 J	NR	0.98 U	0.98 U	0.98 U
M,P-Xylenes	38 J	NR	2.2 U	0.68 J	0.52 J
Methyl Ethyl Ketone (2-Butanone)	130 U	NR	1.5	1.5 U	1.6
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	170 U	NR	2 U	2 U	2 U
Methyl Methacrylate	170 U	NR	2 U	2 U	2 U
Methylene Chloride	150 U	NR	1.7 U	1.7 U	1.7 U
Naphthalene	170 U	NR	2 U	2 U	2 U
N-Butylbenzene	93 U	NR	1.1 U	1.1 U	1.1 U
N-Heptane	11,000	NR	0.36 J	0.25 J	0.34 J
N-Hexane	NR	25,000 D	1.8 U	0.47 J	1.8 U
N-Propylbenzene	23 J	NR	0.98 U	0.98 U	0.98 U
O-Xylene (1,2-Dimethylbenzene)	74 U	NR	0.87 U	0.87 U	0.87 U
Sec-Butylbenzene	93 U	NR	1.1 U	1.1 U	1.1 U
Styrene	72 U	NR	0.85 U	0.85 U	0.85 U
T-Butylbenzene	93 U	NR	1.1 U	1.1 U	1.1 U
Tert-Butyl Alcohol	1,300 U	NR	15 U	12 J	15 U
Tert-Butyl Methyl Ether	61 U	NR	0.72 U	0.72 U	0.72 U
Tetrachloroethylene (PCE)	120 U	NR	0.35 J	1.4 U	0.4 J
Tetrahydrofuran	1,300 U	NR	15 U	15 U	15 U
Toluene	64 U	NR	0.79	0.64 J	1
Trans-1,2-Dichloroethene	67 U	NR	0.79 U	0.79 U	0.79 U
Trans-1,3-Dichloropropene	77 U	NR	0.91 U	0.91 U	0.91 U
Trichloroethylene (TCE)	17 U	NR	0.2 U	0.2 U	0.2 U
Trichlorofluoromethane	96 U	NR	0.97 J	0.91 J	0.94 J
Vinyl Bromide	74 U	NR	0.87 U	0.87 U	0.87 U
Vinyl Chloride	17 U	NR	0.2 U	0.2 U	0.2 U
Xylenes, Total	38 J	NR	3 U	0.68 J	0.52 J

Tables 2-4
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Notes

DEFINITIONS

B	The analyte was found in an associated blank, as well as in the sample.
D	Indicates an identified compound in an analysis that has been diluted. This flag alerts the data user to any differences between the concentrations reported in the two analyses.
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.
ND	The standard is a non-detectable concentration by the approved analytical method.
NR	Not reported.
NS	No standard.
R	Indicates the reported result is unusable (note: the analyte may or may not be present).
T	Indicates that a quality control parameter has exceeded laboratory limits.
U	The analyte was not detected at the indicated concentration.
UJ	The analyte was analyzed for but was not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise
mg/kg	milligrams per kilogram
ppb	parts per billion
ppt	parts per trillion
µg/L	micrograms per liter
µg/m^3	micrograms per cubic meter of air

STANDARDS

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

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

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

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

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.

Tables 2-4
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DUPLICATES

DUP_20251110 is a blind duplicate of sample RI-MW-12BR-I_20251110
DUP_20260226 is a blind duplicate of sample RI-MW-11BR-D-II_20260226.
RI-MW-0X_20240528 is a blind duplicate of sample RI-MW-06_20240528
RI-MW-X_20250123 is a blind duplicate of sample RI-MW-12D_20250123
RI-MW-X_20250423 is a blind duplicate of sample RI-MW-11BR-D_20250423
RI-SB-06_6-8_20240506 is a blind duplicate of sample RI-SB-06_6-8_20240506
RI-SB-X_20240729 is a blind duplicate of sample RI-SB-14A_4-6_20240729
RI-SB-X_4-6_20250730 is a blind duplicate of sample RI-SB-23_4-6_20250730
RI-SB-X_6-8_20250113 is a blind duplicate of sample RI-SB-16_6-8_20250113
RI-SB-X1_6-8_20240506 is a blind duplicate of sample RI-SB-06_6-8_20240506
RI-SB-X2_20240510 is a blind duplicate of sample RI-SB-08_1.5-3.5_20240510
RI-SV-X_20240508 is a blind duplicate of sample RI-SV-03_20240508