1451 WASHINGTON AVENUE
BRONX, NEW YORK

Remedial Investigation Report

NYSDEC BCP Number: C203169

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c/o NRP Holdings LLC
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Certifications

I, Joseph Duminuco, P.G., certify that I am currently a Qualified Environmental Professional as defined in 6 NYCRR Part 375 and that this Remedial Investigation Report 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 that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Joseph Duminuco, P.G.	April 3, 2026	
Qualified Environmental Professional	Date	Signature

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Acronyms

µg/kg ..... Micrograms per Kilogram
µg/L ..... Micrograms per Liter
µg/m^3 ..... Micrograms per Cubic Meter
mg/kg..... Milligrams per Kilogram
ASP ..... Analytical Services Protocol
AWQSGVs ..... Ambient Water Quality Standards and Guidance Values
BCA ..... Brownfield Cleanup Agreement
BCP ..... Brownfield Cleanup Program
bls..... Below Land Surface
CAMP ..... Community Air Monitoring Plan
CSM ..... Conceptual Site Model
CVOCs ..... Chlorinated Volatile Organic Compounds
DCE..... cis-1,2-dichloroethene
DER-10..... NYSDEC DER-10 Technical Guidance for Site Investigation and Remediation
DUSR ..... Data Usability Summary Report
EC ..... Emerging Contaminants
EDD..... Electronic Data Deliverable
ESA ..... Environmental Site Assessment
FER ..... Final Engineering Report
Ft ..... Feet/Foot
HASP..... Health and Safety Plan
MW ..... Monitoring Well
NAVD..... North American Vertical Datum
NG/L ..... Nanograms per Liter
NYCHA..... New York City Housing Authority
NYCRR..... New York Codes, Rules, and Regulations
NYSDEC ..... New York State Department of Environmental Conservation
NYSDOH..... New York State Department of Health
NYSDOT ..... New York State Department of Transportation
ORP..... Oxidation-Reduction Potential
PAHs ..... Polycyclic Aromatic Hydrocarbons
PCBs ..... Polychlorinated Biphenyls
PCE ..... Tetrachloroethene (Perchloroethene)
PCSM ..... Preliminary Conceptual Site Model
PGWSCO ..... Protection of Groundwater Soil Cleanup Objectives
PID ..... Photo Ionization Detector
PPE ..... Personal Protective Equipment
QAPP ..... Quality Assurance Project Plan
RAWP..... Remedial Action Work Plan
RI..... Remedial Investigation
RIR ..... Remedial Investigation Report
RRSCO ..... Restricted Residential Use Soil Cleanup Objectives
SCOs..... Soil Cleanup Objectives
SMP..... Site Management Plan
SRI ..... Supplemental Remedial Investigation

SVOC ..... Semivolatile Organic Compounds
TAL ..... Target Analyte List
TCA 1,1,1-Trichlorethane
TCE ..... Trichloroethene
TCL..... Target Compound List
USEPA ..... United States Environmental Protection Agency
USGS ..... United States Geological Survey
UUSCO..... Unrestricted Use Soil Cleanup Objectives
VOC..... Volatile Organic Compounds

Executive Summary

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Sol on Park LLC (Sol on Park or the Volunteer), has prepared this Remedial Investigation Report (RIR) for the proposed Sol on Park redevelopment located at 1451 Washington Avenue, Bronx, New York (Site). The Site is approximately 0.68 acres and is identified on the New York City Tax Map for Bronx County as being a part of Block 2902, Lot 36, as shown on Figure 1 and Figure 2.

The Site was investigated to prepare for remediation under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Volunteer executed a Brownfield Cleanup Agreement (BCA) Index No. C203169-11-23 with NYSDEC on December 15, 2023, and the Site was assigned BCP Site number C203169.

The planned redevelopment of the Site consists of constructing a 16-story mixed-use residential building featuring affordable units for seniors and community facility space, as shown in Appendix A. As shown on Figure 2, the Site currently consists of a vacant, gated grassy area.

Analytical data generated during the Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI) was compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as defined in 6 NYCRR Part 375-6.8(a-b), revised December 31, 2025.

This RIR summarizes the findings of the following reports and investigations: Phase I Environmental Site Assessment (ESA), prepared by BRS on behalf of New York City Housing Authority (NYCHA), dated March 7, 2022, and Phase II ESA/BCP Eligibility Summary Letter Report (Phase II ESA), prepared by Roux on behalf of NRP Holdings LLC, dated March 24, 2023.

The purpose of the RI and SRI is to determine the nature and extent of contamination at the Site, fill any potential data gaps in past investigations, characterize environmental media, qualitatively assess the potential exposure of receptors to Site contaminants, and develop any other additional data necessary to support the development of a Remedial Action Work Plan (RAWP) as part of the BCP.

All work summarized in this RIR was completed in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP) for the Site, dated August 20, 2024, the NYSDEC-approved Supplemental Remedial Investigation Work Plan (RIWP) for the Site, dated November 14, 2025, the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance), DER-31 Green Remediation guidance (NYSDEC, Revised January 2011) and/or the New York State Department of Health's (NYSDOH's) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH Guidance, October 2006 and Revised in 2017 and 2024).

The RI and SRI for this Site did not identify fish and wildlife resources; therefore, a fish and wildlife assessment was not necessary to include in this RIR.

Significant Threat

Based on a review of this RIR, the NYSDEC and NYSDOH have determined that the Site does not pose a significant threat to human health and the environment.

Site Description/Physical Setting

A Site location map is included as Figure 1.

Property Location	
Property Name:	Sol on Park
Property Address:	1451 Washington Avenue
Property Town, County, State:	Bronx, Bronx County, New York
Property Tax Identification:	Southwest portion of 2092-36
Property Topographic Quadrangle:	USGS-Bronx, New York
Nearest Intersection:	Park Avenue and St Pauls Place to the southwest
Area Description:	The Site currently encompasses an area of approximately 0.68 acres and is comprised of the vacant grassy area between Park Avenue to the west, New York City Housing Authority (NYCHA) Morris I Building #16 to the north, Building #17 to the east, and St Pauls Place to the south.

Property Information	
Property Acreage:	0.68 acres
Property Shape:	Polygon
Property Use:	The Site is currently developed as a vacant, gated grassy area.

Summary of Proposed Redevelopment Plan

The planned Sol on Park development will consist of a 16-story, approximately 184,440 gross-square-foot (gsf) mixed-use residential building containing 194 affordable units for seniors, one two-bedroom unit reserved for an on-site building superintendent, and community facility space. The building will be slab on grade with a detention tank below a portion of the slab. The first floor of the building will feature a Park Avenue entrance to a 4,930-sf community health center with urgent care facilities operated by Union Community Health Center, a non-profit community health organization in the Bronx. The second floor of the building will consist of a 1,096-sf community facility space dedicated to the Morris Houses campuses Tenant Association. Green Bronx Machine, a neighborhood non-profit organization, will occupy approximately 1,739-sf of space on the second floor for administrative and educational purposes. The development will include an outdoor plaza and the building itself will feature additional greenspaces in the form of landscaped rooftop terraces on the eighth, ninth, and tenth floors. The redevelopment plans are included in Appendix A.

Summary of Environmental Findings

Previous soil, groundwater, and soil vapor analytical data collected by Roux were evaluated during RIWP/SRIWP preparation and RI/SRI implementation. The soil, groundwater and soil vapor data generated during the Phase II ESA contained data gaps, which were addressed during the RI/SRI. The soil data collected during the RI and SRI, completed by Roux, presents a full characterization of the Site to support the development of the RAWP. Therefore, the previously generated soil, groundwater and soil vapor data were used to guide/support the RI and SRI sampling efforts. The findings of the RI and SRI are largely consistent with the findings of the previously completed Phase II ESA and have been further refined.

The following is a summary of the geological and hydrogeological findings, and the soil, groundwater and soil vapor quality data generated during the RI and SRI.

Local Geology and Stratigraphy

Based on field observations during the RI/SRI implementation, the Site is predominantly underlain by fill (consisting of sand, gravel, cobble, brick, asphalt, concrete, wood, organics, plastic, ceramic, and glass) to depths ranging from approximately 1 to 12 feet (ft) below land surface (bls), except at RISB-9 where no fill material was observed. Fill materials overlie native sand with varying amounts of gravel, silt and cobbles. At RISB-15, fibrous material was observed at approximately 7 ft bls. Decomposed bedrock was encountered throughout the Site at depths ranging from approximately 2 ft bls at RISB-16 to 21 ft bls at RISB-13. Soil boring logs are provided in Appendices E and F, and hydrogeologic cross sections based on the RI are included as Figures 10 and 11.

Site Hydrogeologic Setting

According to water-level data collected from the permanent wells on October 4, 2024, the elevation of the water table at the Site ranges from 19.25 ft to 22.71 ft relative to the North American Vertical Datum of 1988 (NAVD 88). The measured depth to groundwater from the land surface at the Site varies from 14.94 ft bls to 22.04 ft bls. A survey was conducted at the Site on March 26, 2024 to record the elevation of each soil boring, monitoring well cover, and soil vapor point (as well as each monitoring well measuring point). According to the survey, the elevation on-Site varies from 35.37 ft in the western portion of the Site to 50.03 ft in the eastern portion of the Site relative to NAVD 88, which indicates that the Site grade changes by 14.66 ft across the Site. Based on depth to groundwater variations and observed fluctuations during RI implementation, perched groundwater conditions appear to be present on-Site. Groundwater gauging data is included as Table 1. A groundwater flow map is provided as Figure 6, showing flow in a westerly direction towards the Harlem River.

Soil, Groundwater, and Soil Vapor Quality

- Volatile Organic Compounds (VOCs) were not detected in soil at concentrations above their applicable UUSCOs, RRSCOs, and/or PGWSCOs across the Site, except for one exceedance of acetone, a common laboratory contaminant. No VOCs were detected in groundwater samples.
- Semi-volatile Organic Compounds (SVOCs)—exclusively polyaromatic hydrocarbons (PAHs)—were detected at concentrations above their applicable UUSCOs, RRSCOs, and/or PGWSCOs in the fill material present across the Site. No SVOCs exceeding SCOs in soil were detected in groundwater samples at concentrations above the AWQSGVs. Only one minor SVOC exceedance of phenol (1.3J ug/L) was detected in one groundwater sample that exceeded its AWQSGV of 1 ug/L. The data indicates that SVOCs in soil are not impacting groundwater.
- Metals were detected in soil at concentrations above applicable UUSCOs, RRSCOs, and/or PGWSCOs across the Site. Arsenic, barium, beryllium, hexavalent chromium, total chromium, copper, lead, manganese, mercury, nickel, and zinc were detected at concentrations above their applicable UUSCOs. Arsenic barium, hexavalent chromium, lead, manganese, and mercury were detected at concentrations exceeding their applicable RRSCOs. Metals contamination in shallow soil is likely related to the presence of fill material at the Site. The metal exceedances of UUSCOs detected deeper than the observed fill depth include beryllium, total and hexavalent chromium, manganese, nickel and zinc. Manganese is the only metal detected at a concentration above its applicable PGWSCO in soil, but it was not detected in dissolved groundwater samples, which indicate that metals in soil/fill are not a source of groundwater contamination at the Site. All the metals detected at concentrations above AWQSGVs in the filtered groundwater samples are naturally occurring.

- Polychlorinated biphenyls (PCBs) were detected in two soil samples collected from the same boring during the RI at concentrations above the UUSCOs and are likely related to the presence of fill material at the Site. There were no exceedances of the respective RRSCOs or PGWSCOs. PCBs were not detected in any groundwater samples collected during the RI. These data indicate that PCBs in soil are not impacting groundwater.
- Pesticides were detected at concentrations exceeding their applicable UUSCOs, but none in exceedance of their respective RRSCOs, and they were not detected in groundwater. Therefore, pesticides in soil are not a source of groundwater contamination at the Site. Pesticide concentrations exceeding UUSCOs are limited to the observed fill interval and may be a result of fill and/or historical surficial pesticide application. There were no herbicides detected at concentrations exceeding their applicable SCOs.
- PFAS compounds were detected above the guidance values (GVs) from the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance) in four shallow soil samples and detected in exceedance of the AWQSGVs in all groundwater samples collected during the RI/SRI. There is no documented use of PFAS at the Site or any known historical Site operations that would indicate the past use of these compounds. PFOS and PFOA were only detected in samples collected from the shallow 0-2 ft interval during the RI/SRI and are likely due to fill material. Soil samples deeper than the observed fill material were collected and analyzed for PFOS and PFOA at the two soil boring locations with exceedances in the 0-2 ft interval (RISB-4 and RISB-17); there were no detections of PFOS or PFOA in the deeper soil samples collected.
- Low-level CVOCs and petroleum-related VOCs were detected in soil vapor samples across the Site. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the RI soil vapor detections are most likely related to off-site sources. Soil vapor intrusion may be a concern for the Site, and mitigation measures will be evaluated in the RAWP.

Qualitative Human Health Exposure Assessment

The following table summarizes the exposure assessment.

Environmental Media and Exposure Route	Human Exposure Assessment
Direct contact with subsurface soils (and incidental ingestion)	• Construction and remedial contractors can come into contact with soil if they complete ground-intrusive work at the Site. • During remediation, remedial workers, trespassers, passersby, and utility workers could come into contact with contaminated soil contained in dust through inhalation, incidental ingestion, and dermal contact. Implementation of the Health and Safety Plan (HASP), and dust controls during the remedial action and any future ground-intrusive activities will mitigate potential exposures for future Site workers, occupants, and the surrounding neighborhood. In addition, implementation of the Community Air Monitoring Plan (CAMP) during the remedial action and any future ground-intrusive activities will mitigate potential exposures for the surrounding neighborhood. • Proper personnel protective equipment (PPE) and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion of impacted soil during construction. • Future building occupants' exposure will be eliminated though addressing contaminated soil as described in the

Environmental Media and Exposure Route	Human Exposure Assessment
	RAWP. The proposed remedy will be described in the RAWP and includes addressing impacted soil.
Ingestion of groundwater	• Groundwater is not and will not be used for drinking water, as any future buildings proposed on the Site will be connected to the public water supply.
Direct contact with groundwater (and incidental ingestion)	• Remedial workers, trespassers, and utility workers could come into contact with contaminated groundwater through dermal contact and incidental ingestion during ground-intrusive work. • PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion of impacted groundwater during construction. • Future exposure to Site groundwater will be eliminated by the proposed redevelopment that covers the entire Site.
Inhalation of air (exposures related to soil vapor intrusion)	• Remedial workers, trespassers, and utility workers may be exposed to contaminated soil vapor during ground-intrusive activities. • Soil and groundwater results from the RI and SRI have not confirmed the presence of an on-site source of VOCs. As such, it is unlikely that contaminated soil vapor originating from the Site would impact off-site receptors. Exposures to workers and passersby during the remedial action and future ground-intrusive activities will be reduced or eliminated through implementation of the HASP CAMP, and odor/vapor controls during construction. CAMP is not intended for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community from potential airborne contaminant releases as a direct result of investigative and remedial work activities.. • A soil vapor intrusion evaluation will be completed as part of the RAWP based on a review of RI data. The evaluation will include a provision for implementing actions recommended (i.e. installation and operation of a SSDS), to address potential exposures related to soil vapor intrusion, if necessary.

1. Introduction

Roux Environmental Engineering and Geology, D.P.C. (Roux), on behalf of Sol on Park LLC (Sol on Park or the Volunteer), has prepared this Remedial Investigation Report (RIR) for the property located at 1451 Washington Avenue, Bronx, New York (Site). The Site is approximately 0.68 acres and is identified on the New York City Tax Map for Bronx County as being a part of Block 2902, Lot 36, as shown on Figure 1 and Figure 2.

The Site was investigated to prepare for remediation under the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Volunteer executed a Brownfield Cleanup Agreement (BCA) Index No. C203169-11-23 with NYSDEC on December 15, 2023, and the Site was assigned BCP Site number C203169.

The planned redevelopment of the Site consists of constructing a 16-story mixed-use residential building featuring affordable units for seniors and community facility space, as shown in Appendix A. As shown on Figure 2, the Site currently consists of a vacant, gated grassy area.

Analytical data generated during the Remedial Investigation (RI) and Supplemental Remedial Investigation (SRI) was compared to the Unrestricted Use Soil Cleanup Objectives (UUSCOs), Restricted Residential Use Soil Cleanup Objectives (RRSCOs), and the Protection of Groundwater Soil Cleanup Objectives (PGWSCOs) as defined in 6 NYCRR Part 375-6-8(a-b), revised December 31, 2025.

This RIR summarizes the findings of the following reports and investigations: Phase I Environmental Site Assessment (ESA), prepared by BRS on behalf of New York City Housing Authority (NYCHA), dated March 7, 2022, and Phase II ESA/BCP Eligibility Summary Letter Report (Phase II ESA), prepared by Roux on behalf of NRP Holdings LLC, dated March 24, 2023.

The purpose of the RI and SRI is to determine the nature and extent of contamination at the Site, fill any potential data gaps from past investigations, characterize environmental media, qualitatively assess the potential exposure of receptors to Site contaminants, and develop any other additional data necessary to support the development of a Remedial Action Work Plan (RAWP).

All work summarized in this RIR was completed in accordance with the NYSDEC-approved Remedial Investigation Work Plan (RIWP) for the Site, dated August 20, 2024, the NYSDEC-approved Supplemental Remedial Investigation Work Plan (SRIWP) for the Site, dated November 14, 2025, the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance), DER-31 Green Remediation guidance (NYSDEC, Revised January 2011) and/or the New York State Department of Health's (NYSDOH's) Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (NYSDOH Guidance, October 2006 and Revised in 2017 and 2024).

The RAWP, submitted under separate cover, provides an evaluation of the remedial action alternatives along with each alternative's associated costs, and the recommended/preferred remedy.

The RI/SRI for this Site did not identify fish and wildlife resources; therefore, a fish and wildlife assessment was not included in this RIR.

1.1 RIR Organization

This RIR contains the following sections:

- Section 2 – Describes the Site, its history, and results of previous environmental investigations;
- Section 3 – Describes the completed RI/SRI field work activities;
- Section 4 – Summarizes the RI/SRI laboratory analytical results;
- Section 5 – Provides a Conceptual Site Model (CSM) explaining the occurrence of contaminant sources and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology;
- Section 6 – Provides a qualitative exposure assessment that evaluates exposures to contaminated media including soil, groundwater, and soil vapor; and
- Section 7 – Provides a summary of the RI/SRI.

Tables, figures, plates, and appendices are provided, which summarize all RI/SRI investigation locations, analytical data, and results of sampling efforts as well as the proposed remedial areas.

1.2 Site Location and Description

The Site address is 1451 Washington Avenue in Bronx, New York (Figure 1). A Site Plan is included as Figure 2.

Additional information regarding the Site is provided in the tables below:

Property Location	
Property Name:	Sol on Park
Property Address:	1451 Washington Avenue
Property Town, County, State:	Bronx, Bronx County, New York
Property Tax Identification:	Southwest portion of 2092-36
Property Topographic Quadrangle:	USGS-Bronx, New York
Nearest Intersection:	Park Avenue and St Pauls Place to the southwest
Area Description:	The Site currently encompasses an area of approximately 0.68 acres and is comprised of the vacant grassy area between Park Avenue to the west, New York City Housing Authority (NYCHA) Morris I Building #16 to the north, Building #17 to the east, and St Pauls Place to the south.

Property Information	
Property Acreage:	0.68 acres
Property Shape:	Polygon
Property Use:	The Site is currently developed as a vacant, gated grassy area.

1.3 Contemplated Redevelopment Plan

The planned Sol on Park development will consist of a 16-story, approximately 184,440 gross-square-foot (gsf) mixed-use residential building containing 194 affordable units for seniors, 1 two-bedroom unit reserved

for an on-site building superintendent, and community facility space. The building will be slab on grade with a detention tank below a portion of the slab on grade. The first floor of the building will feature a Park Avenue entrance to a 4,930-sf community health center with urgent care facilities operated by Union Community Health Center, a non-profit community health organization in the Bronx. The second floor of the building will consist of a 1,096-sf community facility space dedicated to the Morris Houses campuses Tenant Association. Green Bronx Machine, a neighborhood non-profit organization, will occupy approximately 1,739-sf of space on the second floor for administrative and educational purposes. The development will include an outdoor plaza and the building itself will feature additional greenspaces in the form of landscaped rooftop terraces on the eighth, ninth, and tenth floors. The redevelopment plans are included in Appendix A.

1.4 Description of Surrounding Property

The area surrounding the Site has historically been mixed residential and commercial use. To the north of the Site is NYCHA Morris I Building #16. To the south of the Site, beyond St Pauls Place, is a NYC Department of Education Public School building 128. To the west of the Site, beyond Park Avenue, is the Metro North rail line. To the east of the Site is NYCHA Morris I Building #17. The NYC Department of Education Public School building 128 is a sensitive human receptor in close proximity of the Site. There are no other land uses within close proximity of the Site that are sensitive human or ecological receptors. A figure presenting the surrounding land use and sensitive receptors is provided as Figure 4.

2. Background

The following sections provide pertinent background information, including the documented history of the Site, and the results of previous environmental investigation work conducted at the Site.

2.1 Historic Land Uses

Based on a review of previous environmental reports and documentation, including historic Sanborn Fire Insurance Maps, the following Site history was established. Historical use of the Site included mixed residential and commercial/industrial. Residential use in areas along St Pauls Place occurred from 1891 or prior through the 1950s. Development occurred in the northern portion of the Site prior to 1891 for manufacturing uses that took place between 1891 and 1909. The manufacturing facilities were identified as Brewers Varnish in 1891 and Varnishes and Brewers Chips in 1909. In 1952, a gasoline filling station and parking lot were observed in the former manufacturing area. The Site appears vacant after 1959. Evidence of a large-scale neighborhood redevelopment project appears in historical documents between the years of 1952 and 1966. Entire city blocks were leveled, and large apartment buildings were erected during this time, which still stand today as the NYCHA campus.

2.2 Topography

The land surface elevation varies across the Site from 35 feet (northwestern portion of the Site) to 50 feet (southeastern portion) relative to NAVD 88.

2.3 Wetland Areas and Surface Water Bodies

Based on a review of the previous environmental reports and as shown on Figure 5, the Site is not located in, or adjacent to, regulated wetlands. According to a review of Federal Emergency Management Agency (FEMA) Flood Maps, the Site is located in Flood Zone X, which is defined as an area of minimal flood hazard. The nearest natural surface water body is the Harlem River, located approximately 1.1 miles to the west of the western Site boundary.

2.4 Soil and Underlying Formation

Based on the Roux Phase II ESA, the Site is underlain with a mixture of historic fill consisting of mostly brown to dark brown sand, silt, and gravel with brick. The thickness of the fill layer ranges from 2 to 7.5 ft bls across the Site. Beneath the historic fill, the subsurface is predominantly comprised of mostly fine to coarse silty sand with some intervals of sandy silt and clayey silt and included decomposed and weathered bedrock (Manhattan Schist).

2.5 Hydrogeology

Based on the results of the prior Roux Phase II ESA, groundwater elevation varies at the Site and was encountered from approximately 10 to 20 ft bls. Perched groundwater appeared to be observed at select locations at the Site. Groundwater is estimated to flow towards the west.

2.6 Historical Environmental Reports

This section provides an overview of previous environmental-related activities completed at the Site, based on a review of readily available information and the following environmental investigations.

- Phase I ESA, prepared by BRS on behalf of NYCHA, dated March 7, 2022; and
- Phase II ESA/BCP Eligibility Summary Letter Report, prepared by Roux on behalf of NRP Holdings LLC, dated March 24, 2023.

A summary of the findings from assessments of the Site is provided below. The Phase I ESA and Phase II ESA are provided in Appendix B.

2.6.1 Phase I ESA, prepared by BRS on behalf of NYCHA, dated March 7, 2022

Based on the information gathered during the Phase I ESA process, BRS identified the following Recognized Environmental Conditions (RECs):

- Historical Usage of the Site: Research has identified the former presence of various manufacturing facilities including Brewers Varnish in 1891 and Varnishes and Brewers Chips in 1909. A gasoline filling station was identified in 1952. Between 1924 and 1954, these buildings appear on the historic aerials, then the Site appears vacant after 1959.
- Fill Material: Fill material may be present beneath the Site given the redevelopment of the area.

Based on the information gathered during the Phase I ESA process, BRS had not identified any Controlled Recognized Environmental Conditions (CRECs), Historical Recognized Environmental Conditions (HRECs), or Business Environmental Risks (BERs) in connection with the Site.

BRS had identified the following data gaps in the information developed as part of the inquiry that affected the ability of the environmental professional to identify conditions indicative of releases at the Site:

- Awaiting responses to Freedom of Information Act (FOIA) requests from the FDNY. Based on the User provided information and records obtained and reviewed, this was not considered a significant data gap.

2.6.2 Phase II ESA/BCP Eligibility Summary Letter Report, prepared by Roux on behalf of NRP Holdings LLC, dated March 24, 2023

Previous sample data from the Roux Phase II ESA is provided in Appendix B. The following conclusions were determined based on the results of the Roux Phase II ESA:

- Fill material was visually observed to a maximum depth ranging from approximately 2 ft bls to 7.5 ft bls across the Site.
- Elevated Photoionization Detector (PID) readings were observed in one soil boring, RXSB-1, ranging from 10.1 ppm to 1,857.0 ppm. No elevated PID readings were observed at any other borings.
- Volatile Organic Compounds (VOCs) were not detected in exceedance of NYSDEC Unrestricted Use Soil Cleanup Objectives (UUSCOs) or Restricted Residential Soil Cleanup Objectives (RRSCOs) in soil, or in groundwater in exceedance of NYSDEC Ambient Water-Quality Standards and Guidance Values (AWQSGVs) at the Site, with the exception of only AWQSGV exceedances of 1,2,4,5-Tetramethylbenzene, Cymene, Isopropylbenzene (Cumene), and Sec-Butylbenzene.
- Analytical results for the shallow (less than 7 ft bls) soil samples collected during the Phase II ESA indicate that soil is impacted with select polycyclic aromatic hydrocarbons (PAHs) and metals at

concentrations exceeding UUSCOs and RRSCOs, likely related to either historic fill or former operations at the Site.

- Select PAHs and metals in unfiltered groundwater samples exceeding AWQSGVs that did not exceed AWQSGVs in corresponding filtered samples are not indicative of Site conditions but are due to inadvertent introduction of sediment in the unfiltered samples.
- Based on the data generated as part of this Phase II ESA, exceedances of the RRSCOs in soil were found across the Site.
- Development of the Site for residential purposes will require soil remediation (removal and disposal) and/or proper on-site soil management, along with the potential installation of environmental engineering controls (e.g., building sub-slab venting system), vapor barrier systems, and imposition of institutional controls (e.g., environmental easement) to mitigate concerns associated with vapor intrusion.

3. Remedial Investigation Field Activities

The following sections summarize the work completed by Roux and its subcontractors during the RI and SRI. The scope of work was completed in accordance with the NYSDEC-approved RIWP, dated August 20, 2024, the NYSDEC-approved SRIWP, dated November 14, 2025, and associated project plans including the HASP, Quality Assurance Project Plan (QAPP)/Field Sampling Plan (FSP), and CAMP. The RI field work was completed between September 4, 2024 and October 1, 2024, and the SRI field work was completed between November 25, 2025 and December 4, 2025. Daily and CAMP reports submitted to NYSDEC during RI/SRI implementation are included in Appendix C. Deviations from the RIWP/SRIWP, including scope modifications, are noted in Section 3.9. All work was performed in accordance with NYSDEC DER-10 and the NYSDOH Guidance.

Previous soil, groundwater, and soil vapor analytical data developed by Roux were evaluated during the RIWP preparation and RI implementation. A Draft Remedial Investigation Report (RIR) was submitted to NYSDEC on March 28, 2025, summarizing the results of the RI. Based on NYSDEC's RIR comments received on September 2, 2025, a SRIWP was submitted on November 14, 2025, to address additional data gaps. The soil, groundwater and soil vapor data collected during the RI and SRI presents a full characterization of the Site to support the development of the RAWP.

3.1 RI Objectives

Based on the existing data for the Site, the following objectives were identified:

- Further delineate the nature and extent of contamination associated with former Site operations; and
- Further delineate the nature and extent of contamination associated with fill at the Site.

The RI evaluates soil, groundwater and soil vapor impacts on-Site and at the Site property boundaries to provide the basis for refining the Conceptual Site Model (CSM) and remedial action selection and to determine the general potential for offsite impacts. Environmental data collected during the RI was used to qualitatively assess the potential exposure of receptors to Site contaminants and develop the information necessary to support the development of the RAWP.

To accomplish the objectives stated above, the scope of work for the RI included the following:

- The performance of Site reconnaissance to confirm proposed sampling locations;
- The advancement of 19 soil borings, collection of 60 soil samples, analysis of 48 soil samples (45 samples plus three duplicates), installation of 8 permanent groundwater monitoring wells, collection of groundwater samples from the newly installed monitoring wells, installation of 9 new soil vapor points, and sampling of the new soil vapor points;
- The collection of soil, groundwater, and soil vapor data sufficient to define the nature and extent of impacted media, current Site conditions, and to evaluate potential off-Site groundwater and/or soil vapor migration;
- The collection of a synoptic round of groundwater level measurements and the collection of land survey data for developing a groundwater elevation contour map; and
- The performance of a qualitative human health exposure assessment (QHHEA) to identify existing and potential exposure pathways and evaluate contaminant fate and transport.

All data was produced in accordance with NYSDEC Analytical Services Protocol (ASP) Category B deliverables. All data generated during the RI was reviewed and validated by Data Validation Services, a third-party validation service independent of the project team, then summarized in a Data Usability Summary Report (DUSR, Appendix D) before being incorporated into this RIR. All data was submitted to NYSDEC in electronic format, in accordance with DER-10, Section 1.15.

The overall scope of each component of the RI is discussed in the following subsections. Detailed field sampling procedures were provided in the QAPP/FSP (Appendix B of the RIWP). The sampling locations are shown on Figure 3A, Figure 3B, and Figure 3C, and additional information, including intervals sampled and sample rationale, is provided below.

3.2 RI Site Reconnaissance and Geophysical Survey

Roux performed a preliminary Site reconnaissance to evaluate existing Site conditions and to determine final locations of soil borings, monitoring wells, and soil vapor sample points based on actual field conditions. A geophysical survey was completed at the Site during the Phase II investigation to identify any potential orphan underground storage tanks (USTs), subsurface utilities, conduits, or obstructions. The geophysical survey did not indicate the presence of subsurface utilities or anomalies indicative of orphan USTs. Utilities are present in the surrounding area to service the adjacent NYCHA buildings. The BRS Phase I ESA identified the presence of a steam line located between the Site and NYCHA Building #17 to the east for heating and a storm drain location in the sidewalk north of the Site.

3.3 RI Soil Investigation

All soil boring locations were precleared to 5 ft bls using non-intrusive methods, such as hand tools and/or vacuum excavation, prior to advancement of soil borings to verify the absence of utilities and/or other subsurface features (i.e., obstructions). If a utility or other feature was observed during pre-clearance activities, the sampling location was relocated as close as possible to the original location. Soil samples were collected by hand or by utilizing a GeoProbe® Direct-Push Drill Rig. Soil was collected continuously from land surface, including precleared soil from the first 5 feet to the terminal depth of the boring. During advancement of all soil borings, soil lithology was recorded in accordance with the Unified Soils Classification System (USCS), and soil was inspected for evidence (visual or olfactory) of contamination, including staining and/or odors, and field screened continuously for VOCs using a PID with a 10.6 electron-volt (eV) lamp.

To further characterize the soil conditions and to delineate known contamination at the Site, a total of 60 soil samples were collected from the 19 soil borings advanced at the locations shown in Figure 3A. At each soil boring location, soil samples were collected at 2-ft intervals to fill data gaps and further delineate exceedances of RRSCOs. In accordance with the approved RIWP, samples from select sample depths were placed on hold pending review of the initial sample results. A total of 48 samples (including three duplicates) were analyzed. The sample locations are shown in Figure 3A and discussed below.

The sample intervals were selected for laboratory analysis at each boring location to fill spatial data gaps and evaluate the potential presence of soil contamination. The soil samples were collected as shown on the table below to provide vertical delineation of contamination at the Site.

Nineteen soil borings were advanced to characterize soil conditions and samples were collected at the following depths:

Sample Location ID	Sample Depth Intervals (ft bls)	Analyses Collected
RISB-1	0-2	Full Suite Target Compound List (TCL)+30/Target Analyte List (TAL)
	5-7	Full Suite TCL+30/TAL
	7-9	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-2	0-2	Full Suite TCL+30/TAL+ Emerging Contaminants* (ECs)
	7-9	Full Suite TCL+30/TAL
	9-11	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-3	0-2	Full Suite TCL+30/TAL+ECs
	5-7	Full Suite TCL+30/TAL
	7-9	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-4	0-2	Full Suite TCL+30/TAL+ECs
	20-22	Full Suite TCL+30/TAL+ECs
	22-24	Full Suite TCL+30/TAL+ECs (Sample placed on hold)
RISB-5	0-2	Full Suite TCL+30/TAL
	17-19	Full Suite TCL+30/TAL
	19-21	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-6	0-2	Full Suite TCL+30/TAL
	15-17	Full Suite TCL+30/TAL+ECs
	17-19	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-7	0-2	Full Suite TCL+30/TAL
	19-21	Full Suite TCL+30/TAL+ECs
	21-23	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-8	0-2	Full Suite TCL+30/TAL
	2-4	Full Suite TCL+30/TAL
	4-6	Full Suite TCL+30/TAL (Sample placed on hold)
	16.5-18.5	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-9	0-2	Full Suite TCL+30/TAL
	2-4	Full Suite TCL+30/TAL
	4-6	Full Suite TCL+30/TAL (Sample placed on hold)

Sample Location ID	Sample Depth Intervals (ft bls)	Analyses Collected
RISB-10	0-2	Full Suite TCL+30/TAL
	7-9	Full Suite TCL+30/TAL
	17-19	Full Suite TCL+30/TAL
RISB-11	0-2	Full Suite TCL+30/TAL
	13-15	Full Suite TCL+30/TAL
	15-17	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-12	0-2	Full Suite TCL+30/TAL
	2-4	Full Suite TCL+30/TAL
	4-6	Full Suite TCL+30/TAL
RISB-13	0-2	Full Suite TCL+30/TAL
	17-19	Full Suite TCL+30/TAL+ECs
	19-21	Full Suite TCL+30/TAL
RISB-14	0-2	Full Suite TCL+30/TAL+ECs
	9-11	Full Suite TCL+30/TAL+ECs
	13-15	Full Suite TCL+30/TAL+ECs
	15-17	Full Suite TCL+30/TAL+ECs (Sample placed on hold)
RISB-15	0-2	Full Suite TCL+30/TAL
	5-7	Full Suite TCL+30/TAL+ECs
	7-9	Full Suite TCL+30/TAL
RISB-16	0-2	Full Suite TCL+30/TAL
	3-5	Full Suite TCL+30/TAL
	5-7	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-17	0-2	Full Suite TCL+30/TAL+ECs
	12-14	Full Suite TCL+30/TAL+ECs
	15-17	Full Suite TCL+30/TAL+ECs (Sample placed on hold)

Sample Location ID	Sample Depth Intervals (ft bls)	Analyses Collected
	18-20	Full Suite TCL+30/TAL+ECs (Sample placed on hold)
RISB-18	0-2	Full Suite TCL+30/TAL
	8-10	Full Suite TCL+30/TAL
	10-12	Full Suite TCL+30/TAL (Sample placed on hold)
RISB-19	0-2	Full Suite TCL+30/TAL
	5-7	Full Suite TCL+30/TAL
	7-9	Full Suite TCL+30/TAL (Sample placed on hold)

*As required by NYSDEC, soil samples were analyzed for the emerging contaminants (ECs), PFAS, which include the 40 compounds listed in accordance with the Sampling, Analysis, and Assessment of PFAS under NYSDEC's Part 375 Remedial Programs guidance document (NYSDEC April 2023 PFAS Guidance).

Based on the initial RI sampling results collected from the previous sample depth interval (further discussed in Section 4), the following samples placed on hold were either not analyzed by the lab or the parameters list was modified:

Sample Location ID	Sample Depth Intervals (ft bls)	Parameters Analyzed
RISB-1	7-9	TAL Metals
RISB-2	9-11	None
RISB-3	7-9	None
RISB-4	22-24	None
RISB-5	19-21	None
RISB-6	17-19	None
RISB-7	21-23	None
RISB-8	4-6	Semi-volatile Organic Compounds (SVOCs) and TAL Metals
RISB-8	16.5-18.5	None
RISB-9	4-6	None
RISB-11	15-17	None
RISB-14	15-17	None
RISB-16	5-7	None
RISB-17	15-17	None

Sample Location ID	Sample Depth Intervals (ft bls)	Parameters Analyzed
RISB-1	7-9	TAL Metals
RISB-17	18-20	None
RISB-18	10-12	None
RISB-19	7-9	None

Following sample collection, boreholes that were not converted to monitoring wells or soil vapor points were backfilled with soil cuttings and restored with like materials to surrounding grade to the extent possible to minimize drummed waste. All soil borings were surveyed by a licensed New York State surveyor to obtain horizontal and vertical coordinates.

3.4 RI Groundwater Investigation

Eight permanent groundwater monitoring wells (RIMW-1 through RIMW-8) were installed at co-located soil boring locations as shown on Figure 3B. The locations of the on-Site monitoring wells were chosen to enhance general Site coverage and fill a spatial data gap based on the locations of previous groundwater sample locations.

Following installation, the new permanent monitoring wells were developed to ensure proper hydraulic connection with the aquifer and to reduce/eliminate turbidity of the groundwater. All monitoring wells were surveyed by a licensed New York State surveyor to obtain horizontal and vertical coordinates. The depth to groundwater in each monitoring well was measured using an electronic water/oil level meter, and a groundwater contour map (Figure 6) was developed using the survey data from permanent monitoring wells.

Following well development, the monitoring wells were purged consistent with the United States Environmental Protection Agency (USEPA) low-flow sampling requirements, and one round of groundwater samples were collected at least one week following well development in accordance with the QAPP/FSP. Field parameters (e.g., pH, conductivity, turbidity, temperature, dissolved oxygen, and oxidation-reduction potential [ORP]) were collected using a water quality meter during purging and prior to sampling. Groundwater samples were analyzed for TCL/Part 375 VOCs, TCL/Part 375 SVOCs, pesticides, herbicides, Polychlorinated biphenyls (PCBs), TAL/Part 375 total and dissolved metals. In addition, groundwater samples collected from two monitoring wells were analyzed for ECs via USEPA Method 1633. Groundwater samples were not able to be collected from RIMW-2 and RIMW-3 due to the lack of groundwater present in each monitoring well from fluctuating perched groundwater conditions.

3.5 RI Soil Vapor Investigation

To evaluate current soil vapor conditions, Roux installed nine permanent soil vapor points (RISV-1 through RISV-9) using a Geoprobe® direct-push rig to terminal depths ranging from 6 ft bls to 21 ft bls based on the proposed development excavation and/or observed groundwater elevations. The soil vapor locations are shown in Figure 3C. One soil vapor sample was collected from each point, except for RISV-5 and RISV-6 as discussed below and in Section 3.10. The sample depth at each location is as follows:

Sample Location ID	Sample Depth Interval (ft bls)
RISV-1	4.5 - 5
RISV-2	6.5 - 7
RISV-3	6.5 - 7
RISV-4	15.5 - 16
RISV-7	6.5 - 7
RISV-8	6.5 - 7
RISV-9	6.5 - 7

In accordance with the NYSDOH Guidance, the integrity of each soil vapor point was checked using Helium tracer gas following installation to verify that collected soil vapor samples are not compromised by inadvertent introduction of ambient air into the sample. The soil vapor samples were collected using pre-cleaned (batch certified) 6-liter summa canisters with regulators calibrated to collect samples over an 8-hour period and analyzed using USEPA Method TO-15 for VOCs. Soil vapor samples were unable to be collected from RISV-5 and RISV-6 due to unexpected infiltration of fluctuating perched groundwater into the soil vapor points. All soil vapor locations were surveyed by a licensed New York State surveyor to obtain horizontal and vertical coordinates.

3.6 SRI Soil Investigation

The RI soil data indicated that thirteen of the nineteen RI soil boring locations required additional sampling to fill data gaps, specifically at depths up to 15 ft bls. The sample locations are shown in Figure 3A. The thirteen SRI soil boring locations were surveyed by a licensed New York State surveyor and marked out in the field prior to implementation of the SRI. Each SRI soil boring location was stepped out approximately two feet from the corresponding RI location to ensure representative sampling.

All soil boring locations were precleared to 5 ft bls using non-intrusive methods, such as hand tools and/or vacuum excavation, to verify the absence of utilities and/or other subsurface features (i.e., obstructions) prior to advancement of soil borings. Soil samples were collected by hand or by utilizing a GeoProbe® Direct-Push Drill Rig. Soil was collected continuously from land surface, including precleared soil from the first 5 feet to the terminal depth of the boring. During advancement of all soil borings, soil lithology was recorded in accordance with the USCS, and soil was inspected for evidence (visual or olfactory) of contamination, including staining and/or odors, and field screened continuously for VOCs using a PID with a 10.6 eV lamp.

The sample intervals were selected for laboratory analysis at each boring location to fill spatial data gaps and evaluate the potential presence of soil contamination. A total of 36 soil samples (including two duplicates) were collected and analyzed from the thirteen SRI soil boring locations. The soil samples were collected as shown on the table below to provide vertical delineation of contamination at the Site.

RI Soil Boring Location	Number of SRI Samples	SRI Sample Analyses	Sample Depth (ft bls)	Sample IDs for Analysis
RISB-2	2	TCL SVOCs TAL Metals	2-4	RISB-2 (2-4)
			4-6	RISB-2 (4-6)

RI Soil Boring Location	Number of SRI Samples	SRI Sample Analyses	Sample Depth (ft bls)	Sample IDs for Analysis
RISB-3	1	TCL SVOCs TAL Metals	3-5	RISB-3 (3-5)
RISB-5	5	Full Suite TCL+30/ TAL PFAS (40 compound list)	0-2	RISB-5 (0-2)
			2-4	RISB-5 (2-4)
			4-6	RISB-5 (4-6)
			6-8	RISB-5 (6-8)
			8-10	RISB-5 (8-10)
RISB-6	2	TCL SVOCs TAL Metals	2-4	RISB-6 (2-4)
			4-6	RISB-6 (4-6)
RISB-7	2	TCL SVOCs TAL Metals	2-4	RISB-7 (2-4)
			4-6	RISB-7 (4-6)
RISB-8	3	TCL SVOCs TAL Metals	6-8	RISB-8 (6-8)
			8-10	RISB-8 (8-10)
			10-12	RISB-8 (10-12)
RISB-10	2	TCL SVOCs TAL Metals	3-5	RISB-10 (3-5)
			5-7	RISB-10 (5-7)
RISB-13	5	TCL SVOCs TAL Metals	2-4	RISB-13 (2-4)
			4-6	RISB-13 (4-6)
			6-8	RISB-13 (6-8)
			8-10	RISB-13 (8-10)
			10-12	RISB-13 (10-12)
RISB-14	3	TCL SVOCs TAL Metals	3-5	RISB-14 (3-5)
			5-7	RISB-14 (5-7)
			7-9	RISB-14 (7-9)
RISB-15	2	TCL SVOCs TAL Metals	9-11	RISB-15 (9-11)
			11-13	RISB-15 (11-13)
RISB-17	3	TCL SVOCs TAL Metals	2-4	RISB-17 (2-4)
			4-6	RISB-17 (4-6)
			6-8	RISB-17 (6-8)
RISB-18	3	TCL SVOCs	2-4	RISB-18 (2-4)

RI Soil Boring Location	Number of SRI Samples	SRI Sample Analyses	Sample Depth (ft bls)	Sample IDs for Analysis
		TAL Metals	4-6	RISB-18 (4-6)
			6-8	RISB-18 (6-8)
RISB-19	1	TCL SVOCs TAL Metals	3-5	RISB-19 (3-5)

Following sample collection, boreholes were backfilled with soil cuttings and restored with like materials to surrounding grade to the extent possible to minimize drummed waste.

3.7 SRI Groundwater Investigation

Based on NYSDEC's RIR comments, the SRI included groundwater sampling from six of the eight existing RI on-Site wells which were sampled for PFAS Method 1633A (40 compound list) and 1,4-dioxane (RIMW-1, RIMW-4, RIMW-5, RIMW-6, RIMW-7 and RIMW-8). Two of the monitoring wells (RIMW-2 and RIMW-3) were dry due to fluctuating perched groundwater conditions and therefore not sampled during the SRI. Prior to sampling, the depth to groundwater in each monitoring well was measured using an electronic water level meter. On-Site wells listed above were then sampled consistent with USEPA low-flow sampling requirements and NYSDEC guidance, using a peristaltic pump. Field parameters (e.g., pH, conductivity, turbidity, temperature, dissolved oxygen, and oxidation-reduction potential [ORP]) were collected using a water quality meter during purging and prior to sampling.

All groundwater samples were submitted to Eurofins, a NYSDOH ELAP-certified laboratory and analyzed for PFAS Method 1633A (40 compound list) and 1,4-dioxane.

3.8 Laboratory Analysis

Soil, groundwater, and soil vapor samples were collected and analyzed for the parameters listed in Sections 3.3, through 3.7. All RI/SRI data were produced in accordance with NYSDEC ASP Category B deliverables and were reviewed and validated by Data Validation Services, who prepared DUSRs (Appendix D) to incorporate into this RIR. All data was submitted to NYSDEC in electronic format, in accordance with DER-10, Section 1.15.

3.9 Surveying Assessment

All RI/SRI locations were surveyed by a New York Licensed Surveyor to obtain horizontal and vertical coordinates and grade elevations. Measuring point elevations from newly installed monitoring wells were surveyed to enable groundwater flow contouring. Horizontal coordinates were based upon New York State Plane Coordinate System, North American Datum of 1983 (NAD 83) in US Survey Feet. Vertical elevations measured for top-of-casing (measuring point) and grade elevations were referenced to NAVD 88.

3.10 Investigation Derived Waste Disposal

Soil cuttings that were generated and observed to be free from odor and staining were returned to their respective boreholes, as practicable. Two drums of excess, non-hazardous soil cuttings (i.e., those unable to be returned to the borehole) and three drums of non-hazardous purged groundwater were generated and temporarily staged on-Site in a secure location pending future off-Site disposal. The drums generated during

the RI/SRI will be handled, transported, and disposed of off-site in a manner consistent with Federal, State, and local laws and regulations during the forthcoming remedial action.

3.11 Community Air Monitoring Program

Roux implemented a CAMP during the entire subsurface investigation to monitor potential off-Site migration of VOCs and particulates and to protect off-Site receptors. CAMP was conducted from September 4, 2024 through September 23, 2024 during the RI and December 3 and 4, 2025 during the SRI. The CAMP included the use of two air monitoring stations (one upwind and one downwind), each equipped with one PID and one particulate meter.

There were no exceedances of particulates or VOCs during implementation of either phase of the remedial investigation. All CAMP reports were submitted via email to NYSDEC with the daily reports during the RI/SRI implementation. Daily and CAMP reports from the RI/SRI implementation are provided in Appendix C.

3.12 Summary of Deviations from the RIWP/SRIWP

The following section discusses deviations from the NYSDEC-approved RIWP and SRIWP.

3.12.1 Soil Boring Sampling

Due to a lab error, soil collected from RISB-5 (0-2) was not analyzed within the respective hold time and, therefore, no data is available for that RI soil boring location. In addition, a duplicate soil sample was not collected for PFAS. RISB-5 was resampled at various depths, including 0-2 ft bls, for PFAS (40 compound list) among other analytes during the SRI.

3.12.2 Monitoring Well RIMW-2 and RIMW-3

Groundwater samples were not able to be collected from RIMW-2 and RIMW-3 due to the lack of groundwater present in each monitoring well from fluctuating perched groundwater conditions during both phases of the remedial investigation.

3.12.3 Soil Vapor Point RISV-5 and RISV-6

Soil vapor samples were not able to be collected from RISV-5 and RISV-6 due to unexpected infiltration of fluctuating perched groundwater into the soil vapor points.

3.13 Green and Sustainable Remediation

Green and sustainable practices per the DER-31 Green Remediation guidance (NYSDEC, Revised January 2011), were implemented to the extent feasible during implementation of the RI. In an effort to reduce emissions, drilling staff carpooled when traveling to and from the Site. Also, submission of this RIR to the NYSDEC will occur electronically to eliminate the use of paper and printer ink. Green and sustainable practices per DER-31 will continue to be tracked throughout all parts of the remediation process.

4. Remedial Investigation Results

The following section provides a summary of the geological and hydrogeological findings, and the soil, soil vapor, and groundwater quality data that were generated by Roux during the RI/SRI. Data tables with all the data generated during the RI/SRI are provided in Table 1 through Table 15. All on-Site soil, groundwater, and soil vapor analytical data are summarized in Figure 7 through Figure 9.

4.1 Geological and Hydrogeological Conditions

The following sections provide a description of the geological and hydrogeological findings of the Site as determined by performance of the RI/SRI. A hydrogeologic investigation was conducted in an effort to evaluate the subsurface conditions that could influence the nature and extent, possible migration, and remediation of contamination at the Site.

4.1.1 Local Geology and Stratigraphy

Based on field observations during the RI/SRI implementation, the Site is predominantly underlain by fill (consisting of sand, gravel, cobble, brick, asphalt, concrete, wood, organics, plastic, ceramic, and glass) to depths ranging from approximately 1 to 12 ft bls, except at RISB-9 where no fill material was observed. Fill materials overlie native sand with varying amounts of gravel, silt and cobbles. At RISB-15, fibrous material was observed at approximately 7 ft bls. Decomposed bedrock was encountered throughout the Site at depths ranging from approximately 2 ft bls at RISB-16 to 21 ft bls at RISB-13. Soil boring logs are provided in Appendices E and F and hydrogeologic cross sections based on the RI are included as Figures 10 and 11.

4.1.2 Site Hydrogeologic Setting

According to water-level data collected from the permanent wells on October 4, 2024, the elevation of the water table at the Site ranges from 19.25 ft to 22.71 ft relative to NAVD 88. The measured depth to groundwater from the land surface at the Site varies from 14.94 ft bls to 22.04 ft bls. A survey was conducted at the Site on March 26, 2024 to record the elevation of each soil boring, monitoring well cover, and soil vapor point (as well as measuring point elevations). According to the survey, the elevation on-Site varies from 35.37 ft in the northwest portion of the Site to 50.03 ft in the southeast portion of the Site relative to NAVD88, which indicates that the Site grade changes by 14.66 ft across the Site. Based on depth-to-groundwater variations and observed fluctuations during RI implementation, perched groundwater conditions appear to be present on-Site. Groundwater gauging data is included as Table 1. A groundwater flow map is provided as Figure 6, showing flow in a western direction towards the Harlem River.

4.2 Remedial Investigation Sample Results

The following sections summarize soil, groundwater, and soil vapor data that were generated by Roux during the RI/SRI. Data tables showing the sample data generated during the RI are provided in Table 2 through Table 15.

4.2.1 RI/SRI Soil Sampling Results

During the RI, a total of 45 soil samples, 3 field duplicates, and 3 matrix spike/matrix spike duplicate soil samples were collected from 19 soil boring locations and submitted for laboratory analysis. Samples were collected in appropriate laboratory-provided containers and were transported to Alpha Analytical in Westborough, Massachusetts, a NELAP accredited-laboratory (NELAP identification number 11627), in ice-

filled coolers under chain-of-custody procedures. During the SRI, a total of 34 soil samples, 2 field duplicates, and 2 matrix spike/matrix spike duplicate soil samples were collected from 13 soil borings and submitted for laboratory analysis. Samples were collected in appropriate laboratory-provided containers and were transported to Eurofins in Lancaster, Pennsylvania, a NELAP accredited-laboratory (NELAP identification number 10670), in ice-filled coolers under chain-of-custody procedures. Site-wide analytical soil data were compared to the following NYSDEC Subpart 375-6.8 SCOs (as revised December 31, 2025) to evaluate Site-wide soil quality and to determine the vertical and horizontal extent of contamination in soil, where present:

- NYSDEC UUSCOs;
- NYSDEC RRSCOs; and
- NYSDEC PGWSCOs.

Laboratory analytical data generated for soil are summarized in Table 2 through Table 8. Soil boring locations with soil sample exceedances of the NYSDEC Subpart 375-6.8 SCOs are shown on Figure 7.

A summary of soil quality results is provided in the sections below.

4.2.1.1 Volatile Organic Compounds in Soil

A summary of VOC exceedances in soil samples is provided below:

VOC Exceedances of SCOs in Soil

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection
Acetone	0.03	1	100	-	0.03	1	0.056	RISB-13_(19-21)

- No exceedances detected
mg/kg – milligram per kilogram

Acetone is a common laboratory contaminant, which was the likely cause of the low-level exceedance of acetone that was detected in one of the RI soil samples. There is no indication of a Site-related source.

4.2.1.2 Semivolatile Organic Compounds in Soil

A summary of SVOC exceedances in soil samples is provided below:

SVOC Exceedances of SCOs in Soil

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection (ft bls)
Benzo[a]anthracene	1	16	1.4	14	1	16	1.2 – 11	RISB-7_0-2
Benzo[a]pyrene	1	16	1	16	22	-	1.1 – 12	RISB-6_0-2
Benzo[b]fluoranthene	1	17	1.4	15	2.1	9	1.3 – 13	RISB-6_0-2
Benzo[g,h,i]perylene	0.64	17	4.9	2	1000	-	0.68J – 9.2	RISB-6_0-2
Benzo[k]fluoranthene	0.8	7	4.9	-	2	2	0.94 – 4.1	RISB-7_0-2
Chrysene	1	16	4.9	3	1	16	1.3 – 11	RISB-7_0-2

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection (ft bls)
Dibenz(A,H)Anthracene	0.33	7	0.33	7	1000	-	0.4 – 1.4	RISB-7_0-2
Indeno [1,2,3-cd] pyrene	0.5	17	1.4	7	6.6	1	0.63J – 6.8	RISB-6_0-2
Phenanthrene	1.1	20	4.9	5	1000	-	1.2J – 16	RISB-7_0-2

- No exceedances detected
J – Estimated value
Sample counts above include exceedances in the duplicates

The SVOCs, exclusively PAHs, detected in soil are indicative of fill material. There were no exceedances of the RRSCOs or PGWSCOs for SVOCs in soil samples collected deeper than observed fill depths. There was only one exceedance of the UUSCOs for SVOCs in soil samples collected deeper than observed fill depths. This singular UUSCO exceedance was phenanthrene at RISB-15 (11-13) at an estimated concentration of 1.2J mg/kg.

4.2.1.3 Metals in Soil

A summary of metal exceedances in soil samples is provided below:

Metal Exceedances of SCOs in Soil

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection (ft bls)
Arsenic	13	3	16	2	16	2	13.9 – 20.7	RISB-17 (4-6) DUP
Barium	410	7	410	7	820	-2	427 – 2340	RISB-2 (2-4)
Beryllium	4.4	19	43	-	47	-	4.91 – 25.5	RISB-13_19-21
Chromium, Hexavalent	1	4	1	4	19	-	1.08J- – 11.8	RISB-15 (9-11)
Chromium, Total	30	20	110	-	-	-	30.2 – 67.5	RISB-17 (4-6) DUP
Copper	50	8	280	-	1720	-	50.5 – 138	RISB-15_0-2
Lead	63	34	400	9	450	6	70.2 – 2910	RISB-15 (9-11)
Manganese	1600	2	2000	2	2000	2	2060 - 2610	RISB-10_17-19
Mercury	0.18	15	0.3	9	0.73	4	0.203 – 37.9	RISB-18 (2-4)
Nickel	30	5	320	-	130	-	31.6 – 57.5	RISB-10_17-19
Zinc	109	48	6600	-	2480	-	113 – 975	RISB-1_5-7

- No exceedances detected/no SCO available
J – Estimated value
J- - Estimated value, low bias
Sample counts above include exceedances in the duplicates

The metals detected in shallow soil are indicative of fill material. Metals detected in exceedance of UUSCOs in soil from samples collected deeper than observed fill depths are beryllium, total and hexavalent chromium, manganese, nickel and zinc. There were no metal exceedances of RRSCOs or PGWSCOs detected in soil from samples collected deeper than observed fill depths, with the exception of manganese in RISB-10_17-19, which was collected from a sample depth comprised mostly of decomposed bedrock, and hexavalent chromium detected at estimated concentrations at RISB-6_15-17 and RISB-7_19-21.

4.2.1.4 Polychlorinated Biphenyls in Soil

A summary of PCB exceedances in soil samples is provided below:

Polychlorinated Biphenyl (PCB) Exceedances of SCOs in Soil

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection (ft bls)
PCBs	0.1	2	1	-	3.2	-	0.164 – 0.175	RISB-8_2-4

- No exceedances detected

PCBs in exceedance of the UUSCOs were detected in two soil samples. There were no exceedances of the respective RRSCOs or PGWSCOs. The PCBs detected in soil are indicative of fill material.

4.2.1.5 Pesticides and Herbicides in Soil

A summary of the pesticide and herbicide exceedances in soil samples is provided below:

Pesticide and Herbicide Exceedances of SCOs in Soil

Analyte	UUSCO (mg/kg)	Detections above UUSCOs	RRSCOs (mg/kg)	Detections above RRSCOs	PGWSCOs (mg/kg)	Detections above PGWSCOs	Range in Concentration Above SCOs (mg/kg)	Soil Sample with Maximum Detection (ft bls)
Cis-Chlordane	0.014	3	0.65	-	4.5	-	0.0178 – 0.0892	RISB-1_5-7
Dieldrin	0.005	2	0.075	-	0.1	-	0.00557 J – 0.00864	RISB-15_5-7
4,4'-DDD	0.0033	3	5	-	14	-	0.00445 – 0.00758	RISB-1_0-2
4,4'-DDE	0.0033	25	3.4	-	9.3	-	0.00341 – 0.7	RISB-1_5-7
4,4'-DDT	0.0033	26	3.8	-	135	-	0.00351 – 0.841	RISB-1_5-7

- No exceedances detected
J – Estimated value

No herbicides exceeded the RRSCOs or PGWSCOs. The pesticides detected in soil in exceedance of the UUSCOs may be attributed to the presence of fill and/or historical surficial pesticide application.

4.2.1.6 Emerging Contaminants in Soil

ECs list includes 1,4-Dioxane and the 40 PFAS compounds listed in the NYSDEC April 2023 "PFAS Guidance document. A summary of EC exceedances of the soil Guidance Values (GVs) in soil samples analyzed is provided below:

EC Exceedances in Soil

Analyte	Unrestricted Use Soil Guidance Value (µg/kg)	Detections above Unrestricted Use Soil Guidance Values	Restricted Residential Soil Guidance Value (µg/kg)	Detections above Restricted Residential Soil Guidance Values	Protection of Groundwater Soil Guidance Value (µg/kg)	Detections above Protection of Groundwater Soil Guidance Values	Range in Concentration Above Soil Guidance Values (µg/kg)*	Soil Sample with Maximum Detection (ft bls)
Perfluorooctanesulfonic acid (PFOS)	0.88	3	44	-	1	2	0.926 – 2.29	RISB-2_0-2
Perfluorooctanoic acid (PFOA)	0.66	3	33	-	0.8	3	0.981 – 1.31	RISB-3_0-2

µg/kg – microgram per kilogram

* NYSDEC has published soil guidance values (not SCOs) for two PFAS compounds: PFOA and PFOS. These guidance values will be used to evaluate concentrations of these two compounds. The other PFAS compounds do not have SCOs or guidance values.

1,4-Dioxane and the 40 PFAS compounds were not detected at concentrations exceeding the Restricted Residential GVs. Only four shallow 0-2 ft interval soil samples exhibited PFOS or PFOA at concentrations exceeding the Unrestricted Use GVs and Protection of Groundwater GVs during the RI/SRI. Soil samples deeper than the observed fill material were collected and analyzed for PFOS and PFOA at the two soil boring locations with exceedances in the 0-2 ft interval (RISB-4 and RISB-17). There were no detections of PFOS or PFOA in deeper soil samples collected during the RI/SRI. There is no documented use of PFAS at the Site or any known historical Site operations that would indicate the potential use of these compounds. Therefore, the presence of PFAS is likely due to fill.

4.2.2 Groundwater Sampling Results

During the RI, a total of six groundwater samples and one field duplicate sample were collected from six of the eight newly installed permanent groundwater monitoring wells (RIMW-1, RIMW-4, RIMW-5, RIMW-6, RIMW-7 and RIMW-8). Newly installed monitoring wells RIMW-2 and RIMW-3 were dry during the sampling event; therefore, groundwater samples could not be collected. Samples were collected in appropriate laboratory-provided containers and were transported to Alpha Analytical in Westborough, Massachusetts, a NELAP accredited-laboratory (NELAP identification number 11627), in ice-filled coolers under chain of custody procedures.

During the SRI, a total of six groundwater samples and one field duplicate sample were collected from six of the eight permanent groundwater monitoring wells (RIMW-1, RIMW-4, RIMW-5, RIMW-6, RIMW-7 and RIMW-8). Monitoring wells RIMW-2 and RIMW-3 were dry during the sampling event; therefore, groundwater samples could not be collected during the SRI. Samples were collected in appropriate laboratory-provided containers and were transported to Eurofins, a NELAP accredited-laboratory, in ice-filled coolers under chain of custody procedures.

The Site-wide analytical groundwater data were compared to NYSDEC AWQSGVs in order to evaluate groundwater quality and to determine the extent of contamination in groundwater, if present. However, it

should be noted that the groundwater beneath the Site is not currently used as a drinking water source and will not be used in the future.

Field parameters measured during groundwater sampling purging activities are provided on field datasheets included in Appendix G. The field parameter data was reviewed to evaluate any potential anomalies in general groundwater chemistry that could potentially influence the groundwater sampling results. No anomalies were noted, and the field parameters measured during purging appear to be consistent with values expected to occur in the natural environment.

Analytes that exceeded NYSDEC PGWSCOs in Site-wide soil were compared to analyte detections in Site-wide groundwater to assess whether, and to what extent, constituents detected in soil are impacting groundwater quality. An evaluation of groundwater detections is provided in the below sections.

Laboratory analytical data generated for groundwater are summarized in Table 9 through Table 14. Monitoring well locations with groundwater sample exceedances of AWQSGVs are shown on Figure 8.

4.2.2.1 Volatile Organic Compounds in Groundwater

There were no VOC exceedances in any of the RI groundwater samples.

4.2.2.2 Semivolatile Organic Compounds in Groundwater

SVOC Exceedances of AWQSGVs in Groundwater

Analyte	AWQSGVs (µg/L)	Detections above AWQSGVs	Range in Concentration Above AWQSGVs (µg/L)	Sample with Maximum Detection
Phenol	1	1	1.3J	RIMW-8

J – Estimated value
µg/L – microgram per liter

One minor SVOC exceedance of phenol (estimated value) was detected in one RI groundwater sample. There were no phenol exceedances of the relevant PGWSCO in any of the RI/SRI soil samples.

4.2.2.3 Metals in Groundwater

A summary of the metal exceedances in groundwater samples is provided below:

Metals Exceedances of AWQSGVs in Groundwater

	Analyte	AWQSGVs (µg/L)	Detections above AWQSGVs	Range in Concentration Above AWQSGVs (µg/L)	Sample with Maximum Detection
Total	Iron	300	1	751	RIMW-7
	Magnesium	35000	7	35,300 – 85,700	RIMW-7
	Sodium	20,000	6	25,700 – 116,000	RIMW-8
Dissolved	Magnesium	300	6	41,900 – 82,300	RIMW-7
	Sodium	20,000	6	25,600 – 109,000	RIMW-8

Sample counts above include exceedances in the duplicates.

All of the metals detected above AWQSGVs during the RI are naturally occurring, and these data do not indicate that metals in soil are a source of groundwater impacts.

4.2.2.4 Polychlorinated Biphenyls in Groundwater

PCBs were not detected in any of the RI groundwater samples.

4.2.2.5 Pesticides and Herbicides in Groundwater

Pesticides and herbicides were not detected in any of the RI groundwater samples.

4.2.2.6 PFAS in Groundwater

A summary of exceedances of the AWQSGVs for PFOS and PFOA collected during the RI/SRI is provided in the below table:

PFAS Detections in Groundwater (in nanograms per liter [ng/L]

Analyte	AWQSGVs (ng/L)	Detections Above AWQSGVs	Detection Range (ng/L)	Groundwater Sample with Maximum Detection
PFOS	2.7	10	5.3EMPC – 25.5	RIMW-6
PFOA	6.7	10	14.2 – 50	RIMW-1

EMPC – Estimated maximum possible concentration
Sample counts above include exceedances in the duplicates.

There is no documented use of PFAS at the Site or any known historical Site operations that would indicate the use of these compounds. Therefore, the presence of PFAS is due to background levels of these compounds in New York City.

4.2.3 Soil Vapor Quality

A total of seven soil vapor samples including one duplicate sample were collected and analyzed as part of the RI. Samples were collected in appropriate laboratory-provided containers and were transported to Alpha Analytical in Westborough, Massachusetts, a NELAP accredited-laboratory (NELAP identification number 11627), under chain-of-custody procedures. Laboratory analytical data for soil vapor generated during the RI are summarized in Table 15, and soil vapor detections are shown on Figure 9. Soil Vapor Sampling Forms used during sampling activities are provided on field datasheets included in Appendix H.

Analytical data for soil vapor indicate detections of 25 different VOCs, consisting primarily of petroleum-related VOCs and CVOCs, in soil vapor across the Site. Laboratory analytical detections in the soil vapor samples are summarized below.

Analyte	Detections	Range in Concentrations ($\mu g/m^3$)	Sample with Maximum Detection
1,2,4-Trimethylbenzene	8	125 – 287	RISV-4
1,3,5-Trimethylbenzene (Mesitylene)	8	58 – 150	RISV-8
1,3-Butadiene	1	4.69	RISV-4
2,2,4-Trimethylpentane (Isooctane)	8	107 – 38200	RISV-8
4-Ethyltoluene	8	23.8 – 83.1	RISV-8
Acetone	8	23.8 – 165	RISV-4
Benzene	8	1.55 – 111	RISV-8
Carbon Disulfide	7	0.968 – 170	RISV-4
Chloroform	7	3.69 – 30.1	RISV-7

Analyte	Detections	Range in Concentrations (µg/m^3)	Sample with Maximum Detection
Cyclohexane	8	36.1 – 1750	RISV-8
Dichlorodifluoromethane	7	2.11 – 3.56	RISV-7 FD
Ethylbenzene	8	48.2 – 3270	RISV-8
Isopropanol	4	1.37 – 3.69	RISV-7
m,p-Xylene	8	178 – 8170	RISV-8
Methyl Ethyl Ketone (2-Butanone)	6	2.48 – 4.19	RISV-7
Naphthalene	6	1.21 – 18.1	RISV-4
N-Heptane	8	43.4 – 4340	RISV-8
N-Hexane	8	15 – 599	RISV-8
O-Xylene (1,2-Dimethylbenzene)	8	128 – 7690	RISV-8
Tert-Butyl Alcohol	7	5.43 – 36.4	RISV-4
Tetrachloroethylene (PCE)	7	10.7 – 21.8	RISV-4
Tetrahydrofuran	1	6.31J	RISV-7 FD
Toluene	8	46.4 – 4450	RISV-8
Trans-1,2-Dichloroethene	3	1.13 – 7.73J	RISV-7
Trichlorofluoromethane	5	1.21 – 2.12	RISV-7 FD

FD - Field Duplicate
J – Estimated value
µg/m^3 – microgram per cubic meter

The following compounds are discussed because they are specific chlorinated or petroleum-related compounds listed in the NYSDOH Guidance. Matrices A through C provide guidance values relative to certain CVOCs, and Matrices D through F provide guidance values relative to certain petroleum-related VOCs. No indoor air samples were collected as part of the RI in accordance with the NYSDEC-approved RIWP; therefore, no direct comparison to the NYSDOH Matrices can be made as of this RIR. A summary of detections of the NYSDOH Guidance-listed compounds is described below. Additional compounds detected besides those noted below are included in Table 15 and summarized on Figure 9.

Matrix A Compounds

- Trichloroethylene (TCE), Carbon Tetrachloride, cis-1,2-Dichloroethylene (Cis-1,2-DCE) and 1,1-Dichloroethene (1,1-DCE) were not detected in any soil vapor samples.

Matrix B Compounds

- PCE was detected in seven soil vapor samples, ranging in concentration from 10.7 µg/m^3 to 21.8 µg/m^3, with a maximum detection in soil vapor sample RISV-4.
- 1,1,1-TCA and Methylene Chloride were not detected in any soil vapor samples.

Matrix C Compounds

- Vinyl chloride was not detected in any soil vapor samples.

Matrix D Compounds

- Benzene was detected in eight soil vapor samples, ranging in concentration from 1.55 µg/m^3 to 111 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- Ethylbenzene was detected in eight soil vapor samples, ranging in concentration from 48.2 µg/m^3 to 3270 µg/m^3, with a maximum detection in soil vapor sample RISV-8.

- Naphthalene was detected in six soil vapor samples, ranging in concentration from 1.21 µg/m^3 to 18.1 µg/m^3, with a maximum detection in soil vapor sample RISV-4.
- Cyclohexane was detected in eight soil vapor samples, ranging in concentration from 36.1 J µg/m^3 to 1750 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- Isooctane (2,2,4-trimethylpentane) was detected in eight soil vapor samples, ranging in concentration from 107 µg/m^3 to 38200 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- 1,2,4-Trimethylbenzene was detected in eight soil vapor samples, ranging in concentration from 125 µg/m^3 to 287 µg/m^3, with a maximum detection in soil vapor sample RISV-4.
- 1,3,5-Trimethylbenzene was detected in eight soil vapor samples, ranging in concentration from 58 µg/m^3 to 150 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- O-xylene was detected in eight soil vapor samples, ranging in concentration from 128 µg/m^3 to 7690 µg/m^3, with a maximum detection in soil vapor sample RISV-8.

Matrix E Compounds

- m,p-Xylene was detected in eight soil vapor samples, ranging in concentration from 178 µg/m^3 to 8170 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- Heptane was detected in eight soil vapor samples, ranging in concentration from 43.4 µg/m^3 to 4340 µg/m^3, with a maximum detection in soil vapor sample RISV-8.
- Hexane was detected in eight soil vapor samples, ranging in concentration from 15 µg/m^3 to 599 µg/m^3, with a maximum detection in soil vapor sample RISV-8.

Matrix F Compounds

- Toluene was detected in eight soil vapor samples, ranging in concentration from 46.4 µg/m^3 to 4450 µg/m^3, with a maximum detection in soil vapor sample RISV-8.

The CVOCs and petroleum-related VOCs detected in soil vapor were not detected above the AWQSGVs in groundwater or above any SCOs in soil during the RI. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the RI soil vapor detections are most likely related to off-site sources.

4.2.4 Data Usability Summary

Data validation was performed by an independent data validator for all analytical data collected during the RI/SRI to determine whether the data, as presented, meet the Site-specific criteria for data quality and data use. Data qualifiers are included on Table 2 through Table 15. The laboratory reported the results for data in ASP Category B deliverable packages, which are provided as Appendix I. An electronic data deliverable (EDD) in the required NYSDEC format was provided by the laboratory. DUSRs, prepared in accordance with Appendix 2B of DER-10, are provided in Appendix D. The DUSRs indicate results for the samples collected during the RI/SRI are usable either as reported or with minor qualification, with the exception of:

- SVOC analyses reported as non-detect for samples RISB-15 (7-9) and RISB-8 (4-6), which were initially placed on hold and then analyzed outside of the method allowable holding time.
- Hexachlorocyclopentadiene analysis for 13 soil samples due to lab processing.
- 4,6-Dinitro-2-methylphenol in eight soil samples due to lab processing.

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are reported as acceptable, with the exception of the unusable results listed above.

Additionally, the laboratory used for analyzing the RI/SRI sample results reported all analytical results to the reporting limits (RLs). Certain compounds have RLs that, when compared to the applicable standards, are beyond the level which the laboratory can achieve. Therefore, certain compounds shown on the included tables have slightly elevated RLs when compared to the applicable standards.

4.2.5 Investigation Derived Waste

Soil cuttings generated with no observed impacts were returned to the boreholes as practicable. Two drums of excess, non-hazardous soil cuttings (i.e., those unable to be returned to the borehole) and one drum of non-hazardous groundwater were generated. The drums are currently staged on-Site awaiting proper off-Site disposal during the forthcoming remedial action. All wastes generated during the RI/SRI will be handled, transported, and disposed of in a manner consistent with Federal, State, and local laws and regulations.

5. Conceptual Site Model

The following section explains the occurrence of contaminants and their fate and transport at the Site in the context of the local Site stratigraphy and hydrogeology.

Based on results of the Phase II ESA and RI/SRI, discussed in Section 2.6.2 and 4.2, respectively, shallow soil is impacted across the Site. Groundwater results indicate groundwater at the Site is not significantly impacted. Soil vapor at the Site has elevated concentrations of certain CVOCs and/or petroleum-related VOCs. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the RI soil vapor detections are likely attributable to off-site sources. The spatial distribution of contaminants of potential concern in various media are shown in Figure 7 through Figure 9.

As discussed in Section 4.2.1 and based on the Site-wide detections and exceedances of UUSCOs, soil at the Site is impacted with SVOCs (exclusively PAHs), metals, and pesticides, likely due to the historical emplacement of contaminated fill material across the Site. As inferred based on results of the Phase II ESA and supplemented by the results of the RI/SRI, the terminal depth of fill across the Site varies from approximately 1 to 12 ft bls, except at RISB-9 where no fill was observed. The metals detected in exceedance of UUSCOs in soil from samples collected deeper than observed fill depths are beryllium, total and hexavalent chromium, manganese, nickel and zinc. There were no metal exceedances of RRSCOs or PGWSCOs detected in soil from samples collected deeper than observed fill depths, with the exception of manganese in RISB-10_17-19, which was collected from a sample depth comprised mostly of decomposed bedrock, and hexavalent chromium detected at estimated concentrations at RISB-6_15-17 and RISB-7_19-21. The remedy selected for the Site will address all soil detections above applicable SCOs.

As discussed in Section 4.2.2, groundwater is not significantly impacted. No VOC compounds, pesticides, or PCBs were detected in groundwater in exceedance of applicable AWQSGVs. Only one minor SVOC exceedance of phenol (1.3J ug/L) was detected in one groundwater sample that exceeded its AWQSGV of 1 ug/L. All metals detected above AWQSGVs in groundwater samples are naturally occurring.

PFAS compounds were detected in soil samples and in all groundwater samples collected during the RI/SRI. There is no documented use of PFAS at the Site or any known historical Site operations that would indicate the use of these compounds. The soil GV exceedances of PFOS and PFOA in soil samples collected from the 0-2 ft interval is likely due to fill material. Soil samples deeper than the observed fill material were collected and analyzed for PFOS and PFOA at two of the soil boring locations with exceedances in the 0-2 ft interval (RISB-4 and RISB-17). There were no detections of PFOS or PFOA in the deeper soil samples collected during the RI. Although there is a lack of known historic usage and lack of PFAS in soil, except for the few exceedance of PFOS and PFOA in shallow soil, PFOS and PFOA are present in groundwater samples exceeding their respective AWQSGVs.

As discussed in Section 4.2.3, low-level CVOCs and petroleum-related VOCs were detected in soil vapor samples across the Site. The CVOCs and petroleum-related VOCs detected in soil vapor were not detected above the AWQSGVs in groundwater or above any SCOs in soil during the RI/SRI. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the RI soil vapor detections are most likely related to off-site sources.

Soil vapor intrusion may be a concern for the Site, and mitigation measures will be evaluated in the RAWP.

6. Qualitative Human Health Exposure Assessment

As described in Appendix 3B of DER-10, *"The overall purpose of the Qualitative Human Health Exposure Assessment (or the exposure assessment) is to evaluate and document how people might be exposed to site related contaminants, and to identify and characterize the potentially exposed population(s) now and under the reasonably anticipated future use of the site."* The following section details the Qualitative Human Health Exposure Assessment based on data collected during the RI.

6.1 Soil Exposure

As described above in Section 4.2.1, soil samples collected during the RI and SRI indicated the presence of SVOCs (exclusively PAHs), metals, pesticides, and PFOS/PFOA at concentrations above applicable UUSCOs or GVs. An individual could be exposed to these contaminants through direct contact with Site soil during ground-intrusive work at the Site. Direct contact without the use of PPE and personal hygiene measures could lead to dermal contact and incidental ingestion of these compounds. Because the Site will be fully fenced during construction activities, and access will be controlled, potential contact with Site soil is restricted to remedial and construction contract workers at the Site performing ground-intrusive activities, in addition to trespassers and passersby (through potential particulate matter in the air). The general public will not be exposed to direct contact with Site soil. A CAMP and dust control measures (as needed) will be implemented during future remedial and construction activities to minimize the potential for off-Site exposures from soil/dust/vapor leaving the Site.

6.2 Groundwater Exposure

As described above in Section 4.2.2, groundwater samples collected during the RI and SRI indicated that phenol, metals, and PFOS/PFOA are present at concentrations above applicable AWQSGVs or GVs. Exceedances for dissolved metals, however, were limited to magnesium and sodium, which are assumed to be naturally occurring. Groundwater at the Site is not used for drinking or other potable purposes (as the area is connected to the public water supply), and there is no risk of direct contact with or ingestion of groundwater by the general public. Furthermore, no public water supply wells are located in the area surrounding the Site.

Individuals who perform groundwater sampling, or remedial activities may come into contact with contaminated groundwater. Proper PPE and personal hygiene measures will be required to prevent dermal contact and the potential for incidental ingestion of these compounds. Depth to groundwater on-Site ranges from 14.94 ft bls to 22.04 ft bls, with a fluctuating perched water table observed during the RI. Groundwater may be encountered during redevelopment depending on the final, selected remedy.

The proposed on-Site buildings will be serviced by public water supply. Accordingly, there is no potential for public exposure by direct contact with contaminated groundwater.

6.3 Soil Vapor Exposure

As described above in Section 4.2.3, soil vapor samples collected during the RI indicate the presence of low level CVOCs and petroleum-related VOCs across the Site. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the elevated concentrations are likely due to off-site sources. Individuals who perform ground-intrusive work and passersby during the remedial action may be exposed to contaminated soil vapor. A CAMP and odor/vapor control measures (as needed) will be implemented during remedial activities to minimize the potential for off-Site exposures from vapors leaving the Site during the

remedial action. Soil vapor intrusion may be a concern for the Site and mitigation measures will be evaluated in the RAWP. Soil and groundwater results from the RI and SRI have not confirmed the presence of an on-site source of VOCs. As such, it is unlikely that contaminated soil vapor originating from the Site would impact off-site receptors.

A soil vapor intrusion evaluation will be completed as part of the RAWP based on a review of RI data. The evaluation will include a provision for implementing actions recommended (i.e. installation and operation of a sub-slab depressurization system), to address exposures related to soil vapor intrusion, if necessary.

6.4 Exposure Assessment Summary

The following table summarizes the exposure assessment.

Environmental Media and Exposure Route	Human Exposure Assessment
Direct contact with subsurface soils (and incidental ingestion)	• Construction and remedial contractors can come into contact with soil if they complete ground-intrusive work at the Site. • During remediation, remedial workers, trespassers, passersby, and utility workers could come into contact with contaminated soil contained in dust through inhalation, incidental ingestion, and dermal contact. Implementation of the HASP and dust controls during the remedial action and any future ground-intrusive activities will mitigate potential exposures for future Site workers, occupants, and the surrounding neighborhood. In addition, implementation of the CAMP during the remedial action and any future ground-intrusive activities will mitigate potential exposures for the surrounding neighborhood. • Proper PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion of impacted soil during construction. • Future building occupants' exposure will be eliminated though addressing contaminated soil as described in the RAWP. The proposed remedy will be described in the RAWP and includes addressing impacted soil.
Ingestion of groundwater	• Groundwater is not and will not be used for drinking water, as any future buildings proposed on the Site will be connected to the public water supply.
Direct contact with groundwater (and incidental ingestion)	• Remedial workers, trespassers, and utility workers could come into contact with contaminated groundwater through dermal contact and incidental ingestion during ground-intrusive work. • PPE and personal hygiene measures, as defined in the HASP, will be required to prevent dermal contact and the potential for incidental ingestion impacted groundwater during construction. • Future exposure to Site groundwater will be eliminated by the proposed redevelopment that covers the entire Site.

Environmental Media and Exposure Route	Human Exposure Assessment
Inhalation of air (exposures related to soil vapor intrusion)	• Remedial workers, trespassers, and utility workers may be exposed to contaminated soil vapor during ground intrusive activities. • Soil and groundwater results from the RI and SRI have not confirmed the presence of an on-site source of VOCs. As such, it is unlikely that contaminated soil vapor originating from the Site would impact off-site receptors. Exposures to workers and passersby during the remedial action and future ground-intrusive activities will be reduced or eliminated through implementation of the HASP, CAMP, and odor/vapor controls during construction. CAMP is not intended for worker respiratory protection. Rather, its intent is to provide a measure of protection for the downwind community from potential airborne contaminant releases as a direct result of investigative and remedial work activities. • A soil vapor intrusion evaluation will be completed as part of the RAWP based on a review of RI data. The evaluation will include a provision for implementing actions recommended (i.e. installation and operation of a SSDS), to address potential exposures related to soil vapor intrusion, if necessary.

7. Summary and Conclusion

In summary, the data generated during the RI/SRI indicate the following about Site-wide conditions:

- Based on field observations during the RI/SRI implementation, the Site is predominantly underlain by fill (consisting of sand, gravel, cobble, brick, asphalt, concrete, wood, organics, plastic, ceramic, and glass) to depths ranging from approximately 1 to 12 ft bls, except at RISB-9 where no fill was observed. Fill materials overlie native sand with varying amounts of gravel, silt and cobbles. At RISB-15, fibrous material was observed at approximately 7 ft bls. Decomposed bedrock was encountered throughout the Site at depths ranging from approximately 2 ft bls at RISB-16 to 21 ft bls at RISB-13.
- According to water-level data collected from the permanent wells on October 4, 2024, the elevation of the water table at the Site ranges from 19.25 ft to 22.71 ft relative to NAVD 88. The measured depth to groundwater from the land surface at the Site varies from 14.94 ft bls to 22.04 ft bls. A survey was conducted at the Site on March 26, 2024 to record the elevation of each soil boring, monitoring well cover, and soil vapor point. According to the survey, the elevation on-Site varies from 35.37 ft in the northwest portion of the Site to 50.03 ft in the southeast portion of the Site relative to NAVD 88, which indicates that the Site grade changes by 14.66 ft across the Site. Based on variations in the depth to groundwater and observed fluctuations during RI implementation, perched groundwater conditions appear to be present on-Site.
- VOCs were not detected in soil at concentrations above their applicable UUSCOs, RRSCOs, and/or PGWSCOs across the Site, except for one exceedance of acetone, a common laboratory contaminant. No VOCs were detected in groundwater samples.
- SVOCs, exclusively PAHs, were detected at concentrations above their applicable UUSCOs, RRSCOs, and/or PGWSCOs in the fill material present across the Site. No SVOCs exceeding PGWSCOs in soil were detected in groundwater samples at concentrations above the AWQSGVs. Only one minor SVOC exceedance of phenol (1.3J ug/L) was detected in one groundwater sample that exceeded its AWQSGV of 1 ug/L. The data indicate that SVOCs in soil are not impacting groundwater.
- Metals were detected in soil at concentrations above applicable UUSCOs, RRSCOs, and/or PGWSCOs across the Site. Arsenic, barium, beryllium, hexavalent chromium, total chromium, copper, lead, manganese, mercury, nickel, and zinc were detected at concentrations above their applicable UUSCOs. Arsenic, barium, hexavalent chromium, lead, manganese and mercury were detected at concentrations exceeding their applicable RRSCOs. Metals contamination in shallow soil is likely related to the presence of fill material at the Site. The metal exceedances of UUSCOs detected deeper than the observed fill depth include beryllium, total and hexavalent chromium, manganese, nickel and zinc. Manganese is the only metal detected at a concentration above its applicable PGWSCO in soil, but it was not detected in any dissolved groundwater samples, which indicates that metals in soil are not a source of groundwater contamination at the Site. All the metals detected at concentrations above AWQSGVs in the filtered groundwater samples are naturally occurring.
- PCBs were detected (above UUSCOs, but below RRSCOs and PGWSCOs) in two soil samples collected from the same boring during the RI and are likely related to the presence of fill material at the Site. PCBs were not detected in any groundwater samples collected during the RI. These data indicate that PCBs in soil are not impacting groundwater.
- Pesticides were detected at concentrations exceeding their applicable UUSCOs but not their respective RRSCOs, and they were not detected in groundwater. Therefore, pesticides in soil are not a source of groundwater contamination at the Site. Pesticide concentrations exceeding UUSCOs are limited to the observed fill interval and may be a result of fill and/or historical surficial pesticide application. There were no herbicides detected at concentrations exceeding any applicable SCOs.
- PFAS compounds were detected above soil GVs in four shallow soil samples and detected in exceedance of the AWQSGVs in all groundwater samples collected as part of the RI/SRI. There is no documented use of PFAS at the Site or any known historical Site operations that would indicate

the past use of these compounds. PFOS and PFOA were only detected in samples collected from the shallow 0-2 ft soil interval during the RI/SRI and are likely due to fill material. Soil samples deeper than the observed fill material were collected and analyzed for PFOS and PFOA at two of the soil boring locations with exceedances in the 0-2 ft interval (RISB-4 and RISB-17). There were no detections of PFOS or PFOA in the deeper samples collected during the RI.

- As discussed in Section 4.2.3, low-level CVOCs and petroleum-related VOCs were detected in soil vapor samples across the Site. Based on the RI/SRI soil and groundwater results indicating there is no on-site source for VOCs, the RI soil vapor detections are most likely related to off-site sources.

Remedial action that will address all on-Site contamination found above the applicable SCOs is recommended. Remedial action alternatives, including the selected remedy, will be provided in the RAWP submitted to NYSDEC.

TABLES

1. Groundwater Gauging Data
2. Summary of VOCs in Soil Samples
3. Summary of SVOCs in Soil Samples
4. Summary of Metals in Soil Samples
5. Summary of PCBs in Soil Samples
6. Summary of Pesticides and Herbicides in Soil Samples
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9. Summary of VOCs in Groundwater Samples
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11. Summary of Metals in Groundwater Samples
12. Summary of PCBs in Groundwater Samples
13. Summary of Pesticides and Herbicides in Groundwater Samples
14. Summary of Per- and Polyfluoroalkyl Substances in Groundwater
15. Summary of VOCs in Soil Vapor

Notes Utilized Throughout Tables	
Soil Tables	
J -	Estimated value
J+ -	Estimated value, high bias
J- -	Estimated value, low bias
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
T -	Indicates that a quality control parameter has exceeded laboratory limits
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
NJ -	Detection is tentative in identification and estimated in value
R -	Sample results rejected by validator
ft bls -	Feet below land surface
FD -	Duplicate sample
mg/kg -	Milligrams per kilogram
µg/kg -	Micrograms per kilogram
NYSDEC -	New York State Department of Environmental Conservation
SCO -	Soil Cleanup Objectives
--	No SCO available
Bold data indicates that parameter was detected above the NYSDEC Part 375 Unrestricted Use SCO	
Shaded data indicates that parameter was detected above the NYSDEC Part 375 Restricted Residential SCO	
Red data indicates that parameter was detected above the NYSDEC Part 375 Protection of Groundwater SCO	
Per- and Polyfluoroalkyl Substances (PFAS)	
GV -	Guidance Values issued January 2020 and updated March 2023
Bold data indicates that parameter exceeded the NYSDEC Unrestricted Use Guidance Values	
Shaded data indicates that parameter exceeded the NYSDEC Restricted Residential Guidance Values	
Red data indicates that parameter exceeded the NYSDEC Protection of Groundwater Guidance Values	
Groundwater Tables	
J -	Estimated Value
J+ -	Estimated value, high bias
U -	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
UJ -	Analyte was not detected. The associated reported quantitation limit is an estimate
R -	Sample results rejected by validator
EMPC -	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample
FD -	Duplicate
NA -	Compound was not analyzed for by laboratory
µg/L -	Micrograms per liter
NYSDEC -	New York State Department of Environmental Conservation
AWQSGVs -	Ambient Water-Quality Standards and Guidance Values
--	No NYSDEC AWQSGV available
Bold data indicates that parameter was detected above the NYSDEC AWQSGVs	

Notes Utilized Throughout Tables
Soil Vapor/Ambient Air
J - Estimated value
U - The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit
UJ - Analyte was not detected. The associated reported quantitation limit is an estimate
FD - Duplicate sample
ug/m3 - Micrograms per cubic meter
Bold data indicates that parameter was detected

Table 1. Summary of Groundwater Gauging Data, 1451 Washington Ave, Bronx, New York

Monitoring Well Identification	Gauging Date	Land Surface Elevation (ft NAVD 88)	Top of Casing Elevation (ft NAVD 88)	Depth to Water (ft btoc)	Water Table Elevation (ft NAVD 88)
RIMW-1	10/4/2024	35.89	35.46	14.94	20.52
RIMW-2	10/4/2024	49.15	48.90	--	--
RIMW-3	10/4/2024	48.91	48.49	--	--
RIMW-4	10/4/2024	38.59	38.08	17.26	20.82
RIMW-5	10/4/2024	36.31	35.69	16.44	19.25
RIMW-6	10/4/2024	38.12	37.83	16.63	21.20
RIMW-7	10/4/2024	37.04	36.62	15.39	21.23
RIMW-8	10/4/2024	45.38	44.75	22.04	22.71

Notes:
ft - feet
NAVD 88 - North American Vertical Datum of 1988
btoc - below top of casing

Table 2. Summary of Volatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-1 09/06/2024 0 - 2 N	RISB-1 09/18/2024 5 - 7 N	RISB-2 09/10/2024 0 - 2 N	RISB-2 09/17/2024 7 - 9 N	RISB-3 09/10/2024 0 - 2 N	RISB-3 09/10/2024 0 - 2 FD	RISB-3 09/17/2024 5 - 7 N	RISB-4 09/04/2024 0 - 2 N	RISB-4 09/13/2024 20 - 22 N	RISB-5 12/04/2025 0 - 2 N	RISB-5 12/04/2025 2 - 4 N	RISB-5 12/04/2025 2 - 4 FD	RISB-5 12/04/2025 4 - 6 N	RISB-5 12/04/2025 6 - 8 N	RISB-5 12/04/2025 8 - 10 N	RISB-5 09/17/2024 17 - 19 N	RISB-6 09/05/2024 0 - 2 N
1,1,1,2-Tetrachloroethane	--	--	--	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	NA	NA	NA	NA	NA	NA	0.00054 U	0.00067 U
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00054 UJ	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	NA	NA
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0011 UJ	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0011 U	0.0015 UJ	0.0014 UJ	0.0011 U	0.0013 UJ	0.002 UJ	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 UT	0.0011 U	0.0013 U
1,1-Dichloropropene	--	--	--	MG/KG	0.00054 U	0.00077 UJ	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	NA	NA	NA	NA	NA	NA	0.00054 U	0.00067 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,2,3-Trichloropropane	--	--	--	MG/KG	0.0022 UJ	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
1,2,4,5-Tetramethylbenzene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,2,4-Trimethylbenzene	5.9	100	5.9	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0032 U	0.0046 U	0.0042 U	0.0034 U	0.004 U	0.0059 U	0.004 U	0.0039 U	0.0037 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 UT	0.0032 U	0.004 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,3-Dichloropropane	--	--	--	MG/KG	0.0022 UJ	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
1,4-Diethyl Benzene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG	0.086 R	0.12 R	0.11 R	0.091 R	0.11 R	0.16 R	0.1 R	0.1 R	0.1 R	NA	NA	NA	NA	NA	NA	0.086 R	0.11 R
2,2-Dichloropropane	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
2-Chlorotoluene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
2-Hexanone	--	--	--	MG/KG	0.011 U	0.015 U	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	0.0051 U	0.0052 U	0.0049 U	0.0053 U	0.0051 U	0.0054 U	0.011 U	0.013 U
4-Chlorotoluene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
4-Ethyltoluene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
Acetone	**0.03**	100	0.03	MG/KG	0.011 U	0.015 U	0.014 U	0.0074 J	0.013 U	0.02 U	0.0073 J	0.013 U	0.012 U	0.0061 U	0.0062 U	0.0059 U	0.0064 U	0.0062 U	0.0065 U	0.0068 J	0.013 U
Acrylonitrile	--	--	--	MG/KG	0.0043 U	0.0061 U	0.0056 U	0.0045 U	0.0053 U	0.0079 U	0.0053 U	0.0052 U	0.005 U	NA	NA	NA	NA	NA	NA	0.0043 U	0.0053 U
Benzene	0.06	3.7	0.06	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Bromobenzene	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
Bromochloromethane	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
Bromodichloromethane	--	--	--	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Bromoform	--	--	--	MG/KG	0.0043 UJ	0.0061 U	0.0056 UJ	0.0045 U	0.0053 UJ	0.0079 UJ	0.0053 U	0.0052 U	0.005 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0043 U	0.0053 U
Bromomethane	--	--	--	MG/KG	0.0022 U	0.0031 UJ	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 UJ	0.002 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0022 U	0.0022 U	0.0027 U
Carbon Disulfide	--	--	--	MG/KG	0.011 U	0.015 U	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 UT	0.011 U	0.013 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Chloroethane	--	--	--	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
Chloroform	0.37	24	0.37	MG/KG	0.0016 U	0.0023 U	0.0021 U	0.0017 U	0.002 U	0.0029 U	0.002 U	0.0019 U	0.0019 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0016 U	0.002 U
Chloromethane	--	--	--	MG/KG	0.0043 U	0.0061 U	0.0056 U	0.0045 U	0.0053 U	0.0079 U	0.0053 U	0.0052 U	0.005 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0043 U	0.0053 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Cyclohexane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	NA	NA
Cymene	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	NA	NA	NA	NA	NA	NA	0.0011 U	0.0013 U
Dibromochloromethane	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Dibromomethane	--	--	--	MG/KG	0.0022 UJ	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
Dichlorodifluoromethane	--	--	--	MG/KG	0.011 U	0.015 UJ	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.011 U	0.013 U
Dichloroethylenes	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	NA	NA	NA	NA	NA	NA	0.0011 U	0.0013 U
Diethyl Ether (Ethyl Ether)	--	--	--	MG/KG	0.0022 UJ	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	NA	NA	NA	NA	NA	NA	0.0022 U	0.0027 U
Ethylbenzene	1	76	1	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.00029 J	0.0013 U	0.002 U	0.00045 J	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00044 J	0.0013 U
Hexachlorobutadiene	--	--	--	MG/KG	0.0043 U	0.0061 U	0.0056 U	0.0045 U	0.0053 U	0.0079 U	0.0053 U	0.0052 U	0.005 U	NA	NA	NA	NA	NA	NA	0.0043 U	0.0053 U
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
m,p-Xylene	0.26	100	1.2	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0012 J	0.0026 U	0.0039 U	0.002 J	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0019 J	0.0027 U
Methyl Acetate	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.0051 U	0.0052 U	0.0049 U	0.0053 U	0.0051 U	0.0054 U	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.011 U	0.015 U	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	0.0051 U	0.0052 U	0.0049 U	0.0053 U	0.0051 U	0.0054 U	0.011 U	0.013 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.011 U	0.015 U	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	0.0051 U	0.0052 U	0.0049 U	0.0053 U	0.0051 U	0.0054 U	0.011 U	0.013 U
Methylcyclohexane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG	0.0054 U	0.0077 U	0.007 U	0.0057 U	0.0066 U	0.0098 U	0.0066 U	0.0065 U	0.0062 U	0.002 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0022 U	0.0054 U	0.0067 U
Naphthalene	12	100	12	MG/KG	0.0043 U	0.0061 U	0.0056 U	0.0045 U	0.0053 U	0.0079 U	0.0053 U	0.0052 U	0.005 U	NA	NA	NA	NA	NA	NA	0.0043 U	0.0053 U
N-Butylbenzene	18	100	18	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
N-Propylbenzene	5	100	5	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Sec-Butylbenzene	25	100	25	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Styrene	--	--	--	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
T-Butylbenzene	11	100	11	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0022 U	0.0031 U	0.0028 U	0.0023 U	0.0026 U	0.0039 U	0.0026 U	0.0026 U	0.0025 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0022 U	0.0027 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00054 U	0.00077 UJ	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Toluene	0.7	100	0.7	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0026 J+	0.0013 U	0.002	0.0033 J+	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0031 J+	0.0013 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	NA	NA	NA	NA	NA	NA	0.00054 U	0.00067 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.0016 U	0.0023 U	0.0021 U	0.0017 U	0.002 U	0.0029 U	0.002 U	0.0019 U	0.0019 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0016 U	0.002 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0011 UJ	0.0015 U	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Trans-1,4-Dichloro-2-Butene	--	--	--	MG/KG	0.0054 U	0.0077 U	0.007 U	0.0057 U	0.0066 U	0.0098 U	0.0066 U	0.0065 U	0.0062 U	NA	NA	NA	NA	NA	NA	0.0054 U	0.0067 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00054 U	0.00077 U	0.0007 U	0.00057 U	0.00066 U	0.00098 U	0.00066 U	0.00065 U	0.00062 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.00054 U	0.00067 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0043 U	0.0061 U	0.0056 U	0.0045 U	0.0053 U	0.0079 U	0.0053 U	0.0052 U	0.005 U	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0043 U	0.0053 U
Vinyl Acetate	--	--	--	MG/KG	0.011 U	0.015 U	0.014 U	0.011 U	0.013 U	0.02 U	0.013 U	0.013 U	0.012 U	NA	NA	NA	NA	NA	NA	0.011 U	0.013 U
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0011 U	0.0015 UJ	0.0014 U	0.0011 U	0.0013 U	0.002 U	0.0013 U	0.0013 U	0.0012 UJ	0.001 U	0.001 U	0.00098 U	0.0011 U	0.001 U	0.0011 U	0.0011 U	0.0013 U
Xylenes	0.26	100	1.2	MG/KG	0.0011 U	0.0015 U	0.0014 U	0.0012 J	0.0013 U	0.002 U	0.002 J	0.0013 U	0.0012 U	0.002 U	0.0021 U	0.002 U	0.0021 U	0.0021 U	0.0022 U	0.0019 J	0.0013 U

Table 2. Summary of Volatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-6 09/13/2024 15 - 17 N	RISB-7 09/05/2024 0 - 2 N	RISB-7 09/13/2024 19 - 21 N	RISB-8 09/06/2024 0 - 2 N	RISB-8 09/06/2024 2 - 4 N	RISB-9 09/05/2024 0 - 2 N	RISB-9 09/05/2024 2 - 4 N	RISB-10 09/05/2024 0 - 2 N	RISB-10 09/05/2024 0 - 2 FD	RISB-10 09/09/2024 7 - 9 N	RISB-10 09/09/2024 17 - 19 N	RISB-11 09/04/2024 0 - 2 N	RISB-11 09/09/2024 13 - 15 N	RISB-12 09/04/2024 0 - 2 N	RISB-12 09/04/2024 2 - 4 N	RISB-12 09/09/2024 4 - 6 N	RISB-13 09/04/2024 0 - 2 N
1,1,1,2-Tetrachloroethane	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 UJ
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 UJ	0.00064 UJ	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 UJ
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 UJ	0.0013 UJ	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
1,1-Dichloroethane	0.27	47	0.27	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
1,1-Dichloropropene	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,2,3-Trichloropropane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 UJ	0.0026 UJ	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,2,4,5-Tetramethylbenzene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,2,4-Trimethylbenzene	5.9	100	5.9	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG	0.0041 U	0.0039 U	0.0046 U	0.0035 U	0.0038 U	0.0039 U	0.0034 U	0.0041 U	0.0039 U	0.004 U	0.0036 U	0.0038 U	0.0038 U	0.0038 U	0.0035 U	0.0035 U	0.0044 UJ
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
1,2-Dichloropropane	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,3-Dichloropropane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 UJ	0.0026 UJ	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
1,4-Diethyl Benzene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG	0.11 R	0.1 R	0.12 R	0.093 R	0.1 R	0.1 R	0.09 R	0.11 R	0.1 R	0.11 R	0.095 R	0.1 R	0.1 R	0.093 R	0.094 R	0.12 R	
2,2-Dichloropropane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
2-Chlorotoluene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
2-Hexanone	--	--	--	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.012 U	0.012 U	0.015 UJ
4-Chlorotoluene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
4-Ethyltoluene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
Acetone	**0.03**	100	0.03	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.014	0.013 U	0.011 J	0.013 U	0.013	0.008 J	0.015 U
Acrylonitrile	--	--	--	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 U	0.0051 U	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 UJ
Benzene	0.06	3.7	0.06	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 U
Bromobenzene	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
Bromochloromethane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
Bromodichloromethane	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 UJ
Bromoform	--	--	--	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 UJ	0.0051 UJ	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 UJ
Bromomethane	--	--	--	MG/KG	0.0027 UJ	0.0026 U	0.0031 UJ	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 UJ	0.0024 UJ	0.0025 U	0.0026 UJ	0.0025 U	0.0023 U	0.0023 UJ	0.003 U
Carbon Disulfide	--	--	--	MG/KG	0.013 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.012 U	0.012 U	0.015 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
Chlorobenzene	4.5	100	4.5	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 UJ
Chloroethane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
Chloroform	0.37	24	0.37	MG/KG	0.002 U	0.002 U	0.0023 U	0.0017 U	0.0019 U	0.002 U	0.0017 U	0.0021 U	0.0019 U	0.002 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0017 U	0.0018 U	0.0022 U
Chloromethane	--	--	--	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 U	0.0051 U	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 UJ
Cyclohexane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
Dibromochloromethane	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
Dibromomethane	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 UJ	0.0026 UJ	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
Dichlorodifluoromethane	--	--	--	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.012 U	0.012 U	0.015 U
Dichloroethylenes	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
Diethyl Ether (Ethyl Ether)	--	--	--	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 UJ	0.0026 UJ	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
Ethylbenzene	1	76	1	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.00026 J	0.00029 J	0.0013 U	0.00033 J	0.0013 U	0.0012 U	0.00029 J	0.0015 UJ
Hexachlorobutadiene	--	--	--	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 U	0.0051 U	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 UJ
Isopropylbenzene (Cumene)	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 U
m,p-Xylene	0.26	100	1.2	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0018 J	0.0018 J	0.0025 U	0.0019 J	0.0025 U	0.0023 U	0.0018 J	0.003 UJ
Methyl Acetate	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.0051 J	0.013 U	0.012 U	0.012 U	0.015 UJ
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.012 U	0.012 U	0.015 U
Methylcyclohexane	--	--	--	MG/KG	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG	0.0069 U	0.0066 U	0.0077 U	0.0058 U	0.0064 U	0.0065 U	0.0056 U	0.0069 U	0.0065 U	0.0067 U	0.006 U	0.0063 U	0.0064 U	0.0064 U	0.0058 U	0.0059 U	0.0074 UJ
Naphthalene	12	100	12	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 U	0.0051 U	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 UJ
N-Butylbenzene	18	100	18	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
N-Propylbenzene	5	100	5	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.00091 J	0.0008 J	0.0013 U	0.0009 J	0.0013 U	0.0012 U	0.00081 J	0.0015 UJ
Sec-Butylbenzene	25	100	25	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
Styrene	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.00092 J	0.00078 J	0.0013 U	0.00094 J	0.0013 U	0.0012 U	0.00084 J	0.0015 UJ
T-Butylbenzene	11	100	11	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 UJ
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG	0.0027 U	0.0026 U	0.0031 U	0.0023 U	0.0026 U	0.0026 U	0.0023 U	0.0027 U	0.0026 U	0.0027 U	0.0024 U	0.0025 U	0.0026 U	0.0025 U	0.0023 U	0.0023 U	0.003 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 UJ	0.0006 UJ	0.00063 U	0.00064 UJ	0.00064 U	0.00058 U	0.00059 UJ	0.00074 U
Toluene	0.7	100	0.7	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0021	0.0022	0.0013 U	0.0029	0.0013 U	0.0012 U	0.0024	0.0015 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG	0.002 U	0.002 U	0.0023 U	0.0017 U	0.0019 U	0.002 U	0.0017 U	0.0021 U	0.0019 U	0.002 U	0.0018 U	0.0019 U	0.0019 U	0.0019 U	0.0017 U	0.0018 U	0.0022 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 UJ	0.0013 UJ	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 U	0.0012 U	0.0013 U	0.0013 U	0.0013 U	0.0012 U	0.0012 U	0.0015 UJ
Trans-1,4-Dichloro-2-Butene	--	--	--	MG/KG	0.0069 U	0.0066 U	0.0077 U	0.0058 U	0.0064 U	0.0065 U	0.0056 U	0.0069 U	0.0065 U	0.0067 U	0.006 U	0.0063 U	0.0064 U	0.0064 U	0.0058 U	0.0059 U	0.0074 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG	0.00069 U	0.00066 U	0.00077 U	0.00058 U	0.00064 U	0.00065 U	0.00056 U	0.00069 U	0.00065 U	0.00067 U	0.0006 U	0.00063 U	0.00064 U	0.00064 U	0.00058 U	0.00059 U	0.00074 U
Trichlorofluoromethane	--	--	--	MG/KG	0.0055 U	0.0052 U	0.0062 U	0.0046 U	0.0051 U	0.0052 U	0.0045 U	0.0055 U	0.0052 U	0.0054 U	0.0048 U	0.0051 U	0.0051 U	0.0051 U	0.0047 U	0.0047 U	0.0059 U
Vinyl Acetate	--	--	--	MG/KG	0.014 U	0.013 U	0.015 U	0.012 U	0.013 U	0.013 U	0.011 U	0.014 U	0.013 U	0.013 U	0.012 U	0.013 U	0.013 U	0.013 U	0.012 U	0.012 U	0.015 UJ
Vinyl Chloride	0.03	0.48	0.03	MG/KG	0.0014 UJ	0.0013 U	0.0015 UJ	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0013 UJ	0.0012 UJ	0.0013 U	0.0013 UJ	0.0013 U	0.0012 U	0.0012 UJ	0.0015 U
Xylenes	0.26	100	1.2	MG/KG	0.0014 U	0.0013 U	0.0015 U	0.0012 U	0.0013 U	0.0013 U	0.0011 U	0.0014 U	0.0013 U	0.0027 J	0.0026 J	0.0013 U	0.0028 J	0.0013 U	0.0012 U	0.0026 J	0.0015 U

Table 2. Summary of Volatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation:	RISB-13	RISB-13	RISB-14	RISB-14	RISB-14	RISB-15	RISB-15	RISB-16	RISB-16	RISB-17	RISB-17	RISB-18	RISB-18	RISB-18	RISB-19	RISB-19
					Sample Date:	09/09/2024	09/09/2024	09/04/2024	09/09/2024	09/09/2024	09/06/2024	09/12/2024	09/06/2024	09/06/2024	09/10/2024	09/10/2024	09/05/2024	09/12/2024	09/12/2024	09/10/2024	09/12/2024
					Sample Depth (ft bls):	17 - 19	19 - 21	0 - 2	9 - 11	13 - 15	0 - 2	5 - 7	0 - 2	3 - 5	0 - 2	12 - 14	0 - 2	8 - 10	8 - 10	0 - 2	5 - 7
					Normal Sample or Field Duplicate:	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N
1,1,1,2-Tetrachloroethane	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
1,1,1-Trichloroethane (TCA)	0.68	100	0.68	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
1,1,2,2-Tetrachloroethane	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 UJ	0.00088 U	0.0007 UJ	0.00065 UJ	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	--	--	--	MG/KG		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-Trichloroethane	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 UJ	0.0018 U	0.0014 UJ	0.0013 UJ	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
1,1-Dichloroethane	0.27	47	0.27	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
1,1-Dichloroethene	0.24	0.98	0.33	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 UJ	0.0011 UJ	0.0013 U	0.0016 U	0.0016 U	0.0014 UJ	0.0014 U
1,1-Dichloropropene	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
1,2,3-Trichlorobenzene	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,2,3-Trichloropropane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 UJ	0.0035 U	0.0028 UJ	0.0026 UJ	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,2,4,5-Tetramethylbenzene	--	--	--	MG/KG		0.0025 U	0.014	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 UJ
1,2,4-Trichlorobenzene	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,2,4-Trimethylbenzene	5.9	100	5.9	MG/KG		0.0025 U	0.0016 J	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,2-Dibromo-3-Chloropropane	--	--	--	MG/KG		0.0038 U	0.0035 U	0.0032 U	0.0031 U	0.0034 U	0.0043 U	0.0053 U	0.0042 U	0.0039 U	0.004 U	0.0032 U	0.0038 U	0.005 U	0.0047 U	0.0044 U	0.0041 U
1,2-Dibromoethane (Ethylene Dibromide)	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,2-Dichloroethane	0.02	5.8	0.02	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
1,2-Dichloropropane	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
1,3,5-Trimethylbenzene (Mesitylene)	3.1	100	3.1	MG/KG		0.0025 U	0.0022 J	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,3-Dichloropropane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 UJ	0.0035 U	0.0028 UJ	0.0026 UJ	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
1,4-Diethyl Benzene	--	--	--	MG/KG		0.0025 U	0.0067	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 UJ
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG		0.1 R	0.094 R	0.086 R	0.082 R	0.091 R	0.11 R	0.14 R	0.11 R	0.1 R	0.1 R	0.087 R	0.1 R	0.13 R	0.12 R	0.12 R	0.11 R
2,2-Dichloropropane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
2-Chlorotoluene	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
2-Hexanone	--	--	--	MG/KG		0.013 U	0.012 U	0.011 U	0.01 U	0.011 U	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011 U	0.013 U	0.016 U	0.016 U	0.014 U	0.014 U
4-Chlorotoluene	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
4-Ethyltoluene	--	--	--	MG/KG		0.0025 U	0.0052	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Acetone	**0.03**	100	0.03	MG/KG		0.0067 J	**0.056**	0.011 U	0.0078 J	0.0082 J	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011	0.013 U	0.016 U	0.0093 J	0.014 U	0.014 U
Acrylonitrile	--	--	--	MG/KG		0.005 U	0.0047 U	0.0043 U	0.0041 U	0.0046 U	0.0057 U	0.007 U	0.0056 U	0.0052 U	0.0053 U	0.0043 U	0.0051 U	0.0066 U	0.0063 U	0.0058 U	0.0055 U
Benzene	0.06	3.7	0.06	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Bromobenzene	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Bromochloromethane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Bromodichloromethane	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Bromoform	--	--	--	MG/KG		0.005 U	0.0047 U	0.0043 U	0.0041 U	0.0046 U	0.0057 UJ	0.007 U	0.0056 UJ	0.0052 UJ	0.0053 UJ	0.0043 UJ	0.0051 U	0.0066 U	0.0063 U	0.0058 UJ	0.0055 U
Bromomethane	--	--	--	MG/KG		0.0025 UJ	0.0024 UJ	0.0022 U	0.0021 UJ	0.0023 UJ	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Carbon Disulfide	--	--	--	MG/KG		0.013 U	0.012 U	0.011 U	0.01 U	0.011 U	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011 U	0.013 U	0.016 U	0.016 U	0.014 U	0.014 U
Carbon Tetrachloride	0.76	7.1	0.76	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Chlorobenzene	4.5	100	4.5	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Chloroethane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Chloroform	0.37	24	0.37	MG/KG		0.0019 U	0.0018 U	0.0016 U	0.0015 U	0.0017 U	0.0021 U	0.0026 U	0.0021 U	0.0019 U	0.002 U	0.0016 U	0.0019 U	0.0025 U	0.0024 U	0.0022 U	0.002 U
Chloromethane	--	--	--	MG/KG		0.005 U	0.0047 U	0.0043 U	0.0041 U	0.0046 U	0.0057 U	0.007 U	0.0056 U	0.0052 U	0.0053 U	0.0043 U	0.0051 U	0.0066 U	0.0063 U	0.0058 U	0.0055 U
Cis-1,2-Dichloroethylene	0.19	41	0.19	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Cis-1,3-Dichloropropene	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Cyclohexane	--	--	--	MG/KG		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cymene	--	--	--	MG/KG		0.0013 U	0.012	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Dibromochloromethane	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Dibromomethane	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 UJ	0.0035 U	0.0028 UJ	0.0026 UJ	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Dichlorodifluoromethane	--	--	--	MG/KG		0.013 U	0.012 U	0.011 U	0.01 U	0.011 U	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011 U	0.013 U	0.016 U	0.016 U	0.014 U	0.014 U
Dichloroethylenes	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Diethyl Ether (Ethyl Ether)	--	--	--	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 UJ	0.0035 U	0.0028 UJ	0.0026 UJ	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Ethylbenzene	1	76	1	MG/KG		0.00019 J	0.00029 J	0.0011 U	0.00019 J	0.00023 J	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Hexachlorobutadiene	--	--	--	MG/KG		0.005 U	0.0047 U	0.0043 U	0.0041 U	0.0046 U	0.0057 U	0.007 U	0.0056 U	0.0052 U	0.0053 U	0.0043 U	0.0051 U	0.0066 U	0.0063 U	0.0058 U	0.0055 UJ
Isopropylbenzene (Cumene)	--	--	--	MG/KG		0.0013 U	0.006	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
m,p-Xylene	0.26	100	1.2	MG/KG		0.0014 J	0.0016 J	0.0022 U	0.0013 J	0.0015 J	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Methyl Acetate	--	--	--	MG/KG		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Ethyl Ketone (2-Butanone)	0.1	100	0.1	MG/KG		0.013 U	0.0033 J	0.011 U	0.01 U	0.0058 J	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.0027 J	0.013 U	0.016 U	0.016 U	0.014 U	0.014 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	--	--	MG/KG		0.013 U	0.012 U	0.011 U	0.01 U	0.011 U	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011 U	0.013 U	0.016 U	0.016 U	0.014 U	0.014 U
Methylcyclohexane	--	--	--	MG/KG		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	0.05	81	0.05	MG/KG		0.0063 U	0.0059 U	0.0054 U	0.0052 U	0.0057 U	0.0071 U	0.0088 U	0.007 U	0.0065 U	0.0066 U	0.0054 U	0.0063 U	0.0083 U	0.0078 U	0.0073 U	0.0068 U
Naphthalene	12	100	12	MG/KG		0.005 U	0.0022 J	0.0021 J	0.0041 U	0.0046 U	0.0057 U	0.0024 J	0.0056 U	0.0052 U	0.0053 U	0.0043 U	0.0051 U	0.0066 U	0.0063 U	0.0058 U	0.0055 U
N-Butylbenzene	18	100	18	MG/KG		0.0013 U	0.011	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 UJ
N-Propylbenzene	5	100	5	MG/KG		0.0013 U	0.01	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
O-Xylene (1,2-Dimethylbenzene)	0.26	100	1.2	MG/KG		0.00079 J	0.00082 J	0.0011 U	0.00068 J	0.00074 J	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Sec-Butylbenzene	25	100	25	MG/KG		0.0013 U	0.0083	0.0011 U	0.001 U	0.0011 U	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Styrene	--	--	--	MG/KG		0.00087 J	0.00087 J	0.0011 U	0.00074 J	0.00083 J	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
T-Butylbenzene	11	100	11	MG/KG		0.0025 U	0.0013 J	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Tert-Butyl Methyl Ether	0.1	100	0.1	MG/KG		0.0025 U	0.0024 U	0.0022 U	0.0021 U	0.0023 U	0.0028 U	0.0035 U	0.0028 U	0.0026 U	0.0026 U	0.0022 U	0.0025 U	0.0033 U	0.0031 U	0.0029 U	0.0027 U
Tetrachloroethylene (PCE)	1.3	18	1.3	MG/KG		0.00063 UJ	0.00059 UJ	0.00054 U	0.00052 UJ	0.00057 UJ	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Toluene	0.7	100	0.7	MG/KG		0.0016	0.0021	0.0011 U	0.0019	0.0021	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Total, 1,3-Dichloropropene (Cis And Trans)	--	--	--	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Trans-1,2-Dichloroethene	0.19	100	0.19	MG/KG		0.0019 U	0.0018 U	0.0016 U	0.0015 U	0.0017 U	0.0021 U	0.0026 U	0.0021 U	0.0019 U	0.002 U	0.0016 U	0.0019 U	0.0025 U	0.0024 U	0.0022 U	0.002 U
Trans-1,3-Dichloropropene	--	--	--	MG/KG		0.0013 U	0.0012 U	0.0011 U	0.001 U	0.0011 U	0.0014 UJ	0.0018 U	0.0014 UJ	0.0013 UJ	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Trans-1,4-Dichloro-2-Butene	--	--	--	MG/KG		0.0063 U	0.0059 U	0.0054 U	0.0052 U	0.0057 U	0.0071 U	0.0088 U	0.007 U	0.0065 U	0.0066 U	0.0054 U	0.0063 U	0.0083 U	0.0078 U	0.0073 U	0.0068 U
Trichloroethylene (TCE)	0.47	6.4	0.47	MG/KG		0.00063 U	0.00059 U	0.00054 U	0.00052 U	0.00057 U	0.00071 U	0.00088 U	0.0007 U	0.00065 U	0.00066 U	0.00054 U	0.00063 U	0.00083 U	0.00078 U	0.00073 U	0.00068 U
Trichlorofluoromethane	--	--	--	MG/KG		0.005 U	0.0047 U	0.0043 U	0.0041 U	0.0046 U	0.0057 U	0.007 U	0.0056 U	0.0052 U	0.0053 U	0.0043 U	0.0051 U	0.0066 U	0.0063 U	0.0058 U	0.0055 U
Vinyl Acetate	--	--	--	MG/KG		0.013 U	0.012 U	0.011 U	0.01 U	0.011 U	0.014 U	0.018 U	0.014 U	0.013 U	0.013 U	0.011 U	0.013 U	0.016 U	0.016 U	0.014 U	0.014 UJ
Vinyl Chloride	0.03	0.48	0.03	MG/KG		0.0013 UJ	0.0012 UJ	0.0011 U	0.001 UJ	0.0011 UJ	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U
Xylenes	0.26	100	1.2	MG/KG		0.0022 J	0.0024 J	0.0011 U	0.002 J	0.0022 J	0.0014 U	0.0018 U	0.0014 U	0.0013 U	0.0013 U	0.0011 U	0.0013 U	0.0016 U	0.0016 U	0.0014 U	0.0014 U

Table 3. Summary of Semivolatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation:	RISB-1	RISB-1	RISB-2	RISB-2	RISB-2	RISB-2	RISB-3	RISB-3	RISB-3	RISB-3	RISB-4	RISB-4	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5	RISB-6
					Sample Date:	09/06/2024	09/18/2024	09/10/2024	12/02/2025	12/02/2025	09/17/2024	09/10/2024	09/10/2024	12/02/2025	09/17/2024	09/04/2024	09/13/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/17/2024	09/05/2024
					Sample Depth (ft bls):	0 - 2	5 - 7	0 - 2	2 - 4	4 - 6	7 - 9	0 - 2	0 - 2	3 - 5	5 - 7	0 - 2	20 - 22	0 - 2	2 - 4	2 - 4	4 - 6	6 - 8	8 - 10	17 - 19	0 - 2
					Normal Sample or Field Duplicate:	N	N	N	N	N	N	N	FD	N	N	N	N	N	N	FD	N	N	N	N	N
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.039 U	0.042 U	0.18 U	0.9 U	0.9 U	0.04 U	0.19 U	0.18 U	0.19 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.19 U	0.96 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG		0.028 U	0.028 U	0.14 U	0.039 U	0.042 U	0.026 U	0.14 U	0.14 U	0.04 U	0.028 U	0.028 U	0.029 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.029 U	0.14 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG		NA	NA	NA	0.39 U	0.42 U	NA	NA	NA	0.4 U	NA	NA	NA	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	NA	NA
2,4,5-Trichlorophenol	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2,4,6-Trichlorophenol	--	--	--	MG/KG		0.11 U	0.11 U	0.55 U	0.16 U	0.17 U	0.1 U	0.54 U	0.54 U	0.16 U	0.11 U	0.11 U	0.12 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.12 U	0.58 U
2,4-Dichlorophenol	--	--	--	MG/KG		0.17 U	0.17 U	0.82 U	0.16 U	0.17 U	0.16 U	0.82 U	0.81 U	0.16 U	0.17 U	0.17 U	0.17 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.17 U	0.87 U
2,4-Dimethylphenol	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2,4-Dinitrophenol	--	--	--	MG/KG		0.88 U	0.9 U	4.4 U	0.31 U	0.33 U	0.85 U	4.3 U	4.3 U	0.32 U	0.9 U	0.89 U	0.93 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U	0.92 U	4.6 U
2,4-Dinitrotoluene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.079 U	0.084 U	0.18 U	0.9 U	0.9 U	0.08 U	0.19 U	0.18 U	0.19 U	0.067 U	0.067 U	0.068 U	0.067 U	0.067 U	0.072 U	0.19 U	0.96 U
2,6-Dinitrotoluene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.079 U	0.084 U	0.18 U	0.9 U	0.9 U	0.08 U	0.19 U	0.18 U	0.19 U	0.067 U	0.067 U	0.068 U	0.067 U	0.067 U	0.072 U	0.19 U	0.96 U
2-Chloronaphthalene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2-Chlorophenol	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2-Methylnaphthalene	--	--	--	MG/KG		0.064 J	0.043 J	1.1 U	0.39 U	0.42 U	0.21 U	1.1 U	1.1 U	0.4 U	0.23 U	0.22 U	0.23 U	0.33 U	0.037 J	0.33 U	0.33 U	0.33 U	0.36 U	0.23 U	0.17 J
2-Methylphenol (O-Cresol)	0.33	100	0.33	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2-Nitroaniline	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
2-Nitrophenol	--	--	--	MG/KG		0.4 U	0.4 U	2 U	0.39 U	0.42 U	0.38 U	2 U	2 U	0.4 U	0.41 U	0.4 U	0.42 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.41 U	2.1 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.16 U	0.17 U	0.18 U	0.9 U	0.9 U	0.16 U	0.19 U	0.18 U	0.19 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.19 U	0.96 U
3-Nitroaniline	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG		0.48 U	0.49 U	2.4 U	0.31 U	0.33 U	0.46 U	2.4 U	2.3 U	0.32 U	0.49 U	0.48 U	0.5 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U	0.5 U	2.5 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
4-Chloroaniline	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 UT	0.33 UT	0.33 UT	0.33 UT	0.33 UT	0.36 UT	0.19 U	0.96 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG		NA	NA	NA	0.39 U	0.42 U	NA	NA	NA	0.4 U	NA	NA	NA	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	NA	NA
4-Nitroaniline	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
4-Nitrophenol	--	--	--	MG/KG		0.26 U	0.26 U	1.3 U	0.79 U	0.84 U	0.25 U	1.3 U	1.3 U	0.8 U	0.26 U	0.26 U	0.27 U	0.67 U	0.67 U	0.68 U	0.67 U	0.67 U	0.72 U	0.27 U	1.3 U
Acenaphthene	20	100	98	MG/KG		0.29	0.091 J	0.11 J	0.39 U	0.42 U	0.14 U	0.72 U	0.19 J	0.4 U	0.15 U	0.04 J	0.16 U	0.33 U	0.098 J	0.017 J	0.33 U	0.33 U	0.36 U	0.15 U	0.34 J
Acenaphthylene	100	100	365	MG/KG		1	0.1 J	0.73 U	0.39 U	0.42 U	0.14 U	0.72 U	0.25 J	0.4 U	0.15 U	0.038 J	0.16 U	0.33 U	0.043 J	0.041 J	0.33 U	0.33 U	0.36 U	0.15 U	2.1
Acetophenone	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Anthracene	100	100	1000	MG/KG		1.4	0.34	0.33 J	0.39 U	0.42 U	0.1 U	0.21 J	0.54	0.4 U	0.11 U	0.13	0.12 U	0.33 U	0.27 J	0.094 J	0.33 U	0.33 U	0.36 U	0.12 U	2
Atrazine	--	--	--	MG/KG		NA	NA	NA	0.16 U	0.17 U	NA	NA	NA	0.16 U	NA	NA	NA	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	NA	NA
Benzaldehyde	--	--	--	MG/KG		NA	NA	NA	0.39 U	0.42 U	NA	NA	NA	0.4 U	NA	NA	NA	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	NA	NA
Benzo(A)Anthracene	**1**	1.4	1	MG/KG		**5**	0.74	1	0.039 U	0.042 U	0.1 U	0.69	**1.6**	0.04 U	0.11 U	0.47	0.12 U	0.076	0.72	0.45	0.026 J	0.033 U	0.036 U	0.12 U	**9.7**
Benzo(A)Pyrene	**1**	1	22	MG/KG		**5.4**	0.61	0.94	0.039 U	0.042 U	0.14 U	0.65 J	**1.5**	0.04 U	0.15 U	0.47	0.16 U	0.071	0.59	0.41	0.022 J	0.033 U	0.036 U	0.15 U	**12**
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG		**6.7**	0.74	**1.3**	0.017 J	0.042 U	0.1 U	0.82 J	**2 J**	0.04 U	0.11 U	0.61	0.12 U	0.1	0.77	0.56	0.033	0.033 U	0.036 U	0.12 U	**13**
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG		**3.4**	0.4	**0.68 J**	0.017 J	0.42 U	0.14 U	0.47 J	**1.1**	0.4 U	0.15 U	0.3	0.16 U	0.053 J	0.34	0.27 J	0.33 U	0.33 U	0.36 U	0.15 U	**9.2**
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG		**2**	0.28	0.33 J	0.0081 J	0.042 U	0.1 U	0.28 J	0.57	0.04 U	0.11 U	0.19	0.12 U	0.041	0.28	0.19	0.018 J	0.033 U	0.036 U	0.12 U	**2.6**
Benzoic Acid	--	--	--	MG/KG		0.6 U	0.61 U	3 U	0.39 U	0.42 U	0.57 U	2.9 U	2.9 U	0.4 U	0.61 U	0.6 U	0.63 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.62 U	3.1 U
Benzyl Alcohol	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Benzyl Butyl Phthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Biphenyl (Diphenyl)	--	--	--	MG/KG		0.42 U	0.43 U	2.1 U	0.39 U	0.42 U	0.4 U	2.1 U	2.1 U	0.4 U	0.43 U	0.42 U	0.44 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.44 U	2.2 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG		0.2 U	0.2 U	0.99 U	0.39 U	0.42 U	0.19 U	0.98 U	0.98 U	0.4 U	0.2 U	0.2 U	0.21 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.21 U	1 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG		0.17 U	0.17 U	0.82 U	0.039 U	0.042 U	0.16 U	0.82 U	0.81 U	0.04 U	0.17 U	0.17 U	0.17 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.17 U	0.87 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG		0.22 U	0.22 U	1.1 U	0.39 U	0.42 U	0.21 U	1.1 U	1.1 U	0.4 U	0.23 U	0.22 U	0.23 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.23 U	1.2 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.4 J	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Caprolactam	--	--	--	MG/KG		NA	NA	NA	0.39 U	0.42 U	NA	NA	NA	0.4 U	NA	NA	NA	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	NA	NA
Carbazole	--	--	--	MG/KG		0.51	0.16 J	0.21 J	0.39 U	0.42 U	0.18 U	0.12 J	0.34 J	0.4 U	0.19 U	0.072 J	0.19 U	0.33 U	0.1 J	0.037 J	0.33 U	0.33 U	0.36 U	0.19 U	0.47 J
Chrysene	**1**	4.9	1	MG/KG		**4.4**	0.76	0.9	0.39 U	0.42 U	0.1 U	0.68	**1.4**	0.4 U	0.11 U	0.47	0.12 U	0.12 J	0.79	0.46	0.033 J	0.33 U	0.36 U	0.12 U	**10**
Cresols, M & P	0.33	100	0.33	MG/KG		NA	NA	NA	0.39 U	0.42 U	NA	NA	NA	0.4 U	NA	NA	NA	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	NA	NA
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG		**0.83**	0.096 J	0.14 J	0.039 U	0.042 U	0.1 U	0.1 J	0.23 J	0.04 U	0.11 U	0.074 J	0.12 U	0.033 U	0.11	0.07	0.033 U	0.033 U	0.036 U	0.12 U	**1.3**
Dibenzofuran	2.1	18	110	MG/KG		0.14 J	0.079 J	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.12 J	0.4 U	0.19 U	0.024 J	0.19 U	0.33 U	0.081 J	0.012 J	0.33 U	0.33 U	0.36 U	0.19 U	0.2 J
Diethyl Phthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Dimethyl Phthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Di-N-Butyl Phthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Di-N-Octylphthalate	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Fluoranthene	85	100	1000	MG/KG		6.9	1.5	2.3	0.39 U	0.42 U	0.1 U	1.6 J	3.7 J	0.4 U	0.11 U	1	0.12 U	0.19 J	1.6	0.85	0.054 J	0.33 U	0.36 U	0.12 U	17
Fluorene	30	100	386	MG/KG		0.28	0.11 J	0.12 J	0.39 U	0.42 U	0.18 U	0.9 U	0.22 J	0.4 U	0.19 U	0.044 J	0.19 U	0.33 U	0.12 J	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.58 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG		0.11 U	0.11 U	0.55 U	0.039 U	0.042 U	0.1 U	0.54 U	0.54 U	0.04 U	0.11 U	0.11 U	0.12 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.12 U	0.58 U
Hexachlorobutadiene	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.079 U	0.084 U	0.18 U	0.9 U	0.9 U	0.08 U	0.19 U	0.18 U	0.19 U	0.067 U	0.067 U	0.068 U	0.067 U	0.067 U	0.072 U	0.19 U	0.96 U
Hexachlorocyclopentadiene	--	--	--	MG/KG		0.53 U	0.54 U	2.6 R	0.39 U	0.42 U	0.5 U	2.6 R	2.6 R	0.4 U	0.54 U	0.53 U	0.56 UJ	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.55 U	2.8 UJ
Hexachloroethane	--	--	--	MG/KG		0.15 U	0.15 U	0.73 U	0.039 U	0.042 U	0.14 U	0.72 U	0.72 U	0.04 U	0.15 U	0.15 U	0.16 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.15 U	0.77 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG		**3.5**	0.37	**0.63 J**	0.043	0.042 U	0.14 U	0.43 J	**1**	0.04 U	0.15 U	0.3	0.16 U	0.052	0.35	0.28	0.015 J	0.033 U	0.036 U	0.15 U	**6.6**
Isophorone	--	--	--	MG/KG		0.17 U	0.17 U	0.82 U	0.16 U	0.17 U	0.16 U	0.82 U	0.81 U	0.16 U	0.17 U	0.17 U	0.17 U	0.13 U	0.13 U	0.13 U	0.13 U	0.13 U	0.14 U	0.17 U	0.87 U
M+P MethylPhenol	0.33	100	0.33	MG/KG		0.046 J	0.27 U	1.3 U	NA	NA	0.25 U	1.3 U	1.3 U	NA	0.27 U	0.27 U	0.28 U	NA	NA	NA	NA	NA	0.28 U	1.4 U	
Naphthalene	12	100	12	MG/KG		0.12 J	0.094 J	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.13 J	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.059 J	0.012 J	0.33 U	0.33 U	0.36 U	0.19 U	0.25 J
Nitrobenzene	0.08	1.8	0.08	MG/KG		0.17 U	0.17 U	0.82 U	0.039 U	0.042 U	0.16 U	0.82 U	0.81 U	0.04 U	0.17 U	0.17 U	0.17 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.17 U	0.87 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG		0.18 U	0.19 U	0.92 U	0.039 U	0.042 U	0.18 U	0.9 U	0.9 U	0.04 U	0.19 U	0.18 U	0.19 U	0.033 U	0.033 U	0.033 U	0.033 U	0.033 U	0.036 U	0.19 U	0.96 U
N-Nitrosodiphenylamine	--	--	--	MG/KG		0.15 U	0.15 U	0.73 U	0.39 U	0.42 U	0.14 U	0.72 U	0.72 U	0.4 U	0.15 U	0.15 U	0.16 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.15 U	0.77 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG		0.15 U	0.15 U	0.73 U	0.31 U	0.33 U	0.14 U	0.72 U	0.72 U	0.32 U	0.15 U	0.15 U	0.16 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.29 U	0.15 U	0.77 U
Phenanthrene	**1.1**	4.9	1000	MG/KG		**4.4**	**1.4**	**1.4**	0.39 U	0.42 U	0.1 U	0.9 J	**2.3 J**	0.4 U	0.11 U	0.56	0.12 U	0.13 J	**1.4**	0.46	0.033 J	0.33 U	0.36 U	0.12 U	**8.3**
Phenol	0.33	100	0.33	MG/KG		0.18 U	0.19 U	0.92 U	0.39 U	0.42 U	0.18 U	0.9 U	0.9 U	0.4 U	0.19 U	0.18 U	0.19 U	0.33 U	0.33 U	0.33 U	0.33 U	0.33 U	0.36 U	0.19 U	0.96 U
Pyrene	64	100	1000	MG/KG		6.5	1.4	1.9	0.39 U	0.42 U	0.1 U	1.4 J	3.2 J	0.4 U	0.11 U	0.88	0.12 U	0.19 J	1.6	0.93	0.056 J	0.33 U	0.36 U	0.12 U	26

Table 3. Summary of Semivolatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-6	RISB-6	RISB-6	RISB-7	RISB-7	RISB-7	RISB-7	RISB-8	RISB-8	RISB-8	RISB-8	RISB-8	RISB-8	RISB-9	RISB-9	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-11	RISB-11
Sample Designation:					RISB-6	RISB-6	RISB-6	RISB-7	RISB-7	RISB-7	RISB-7	RISB-8	RISB-8	RISB-8	RISB-8	RISB-8	RISB-8	RISB-9	RISB-9	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-11	RISB-11
Sample Date:					12/03/2025	12/03/2025	09/13/2024	09/05/2024	12/03/2025	12/03/2025	09/13/2024	09/06/2024	09/06/2024	09/06/2024	12/02/2025	12/02/2025	12/02/2025	09/05/2024	09/05/2024	09/05/2024	09/05/2024	09/09/2024	12/03/2025	12/03/2025	09/09/2024	09/04/2024	09/09/2024
Sample Depth (ft bls):					2 - 4	4 - 6	15 - 17	0 - 2	2 - 4	4 - 6	19 - 21	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	0 - 2	2 - 4	0 - 2	0 - 2	7 - 9	3 - 5	5 - 7	17 - 19	0 - 2	13 - 15
Normal Sample or Field Duplicate:					N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	FD	N	N	N	N	N	N
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.038 U	0.04 U	0.22 U	0.93 U	0.038 U	0.039 U	0.24 U	0.18 U	0.18 U	0.18 R	0.054 U	0.033 U	0.035 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.035 U	0.035 U	0.19 U	0.18 U	0.17 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG	0.038 U	0.04 U	0.033 U	0.14 U	0.038 U	0.039 U	0.036 U	0.027 U	0.028 U	0.027 R	0.054 U	0.033 U	0.035 U	0.028 U	0.026 U	0.029 U	0.028 U	0.029 U	0.035 U	0.035 U	0.028 U	0.027 U	0.025 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	0.38 U	0.4 U	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA	0.54 U	0.33 U	0.35 U	NA	NA	NA	NA	NA	0.35 U	0.35 U	NA	NA	NA
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.15 U	0.16 U	0.13 U	0.56 U	0.15 U	0.16 U	0.14 U	0.11 U	0.11 U	0.11 R	0.22 U	0.13 U	0.14 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.14 U	0.14 U	0.11 U	0.11 U	0.1 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.15 U	0.16 U	0.2 U	0.84 U	0.15 U	0.16 U	0.22 U	0.16 U	0.17 U	0.16 R	0.22 U	0.13 U	0.14 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U	0.14 U	0.14 U	0.17 U	0.16 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.31 U	0.32 U	1.1 U	4.5 U	0.31 U	0.31 U	1.2 U	0.87 U	0.89 U	0.88 R	0.43 U	0.27 U	0.29 U	0.89 U	0.84 U	0.92 U	0.89 U	0.92 U	0.29 U	0.28 U	0.91 U	0.87 U	0.8 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.08 U	0.22 U	0.93 U	0.078 U	0.078 U	0.24 U	0.18 U	0.18 U	0.18 R	0.11 U	0.067 U	0.072 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.072 U	0.07 U	0.19 U	0.18 U	0.17 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.077 U	0.08 U	0.22 U	0.93 U	0.078 U	0.078 U	0.24 U	0.18 U	0.18 U	0.18 R	0.11 U	0.067 U	0.072 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.072 U	0.07 U	0.19 U	0.18 U	0.17 U
2-Chloronaphthalene	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2-Chlorophenol	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2-Methylnaphthalene	--	--	--	MG/KG	0.38 U	0.4 U	0.27 U	0.33 J	0.38 U	0.026 J	0.29 U	0.22 U	0.052 J	0.07 J-	0.54 U	0.33 U	0.35 U	0.22 U	0.21 U	0.03 J	0.22 U	0.23 U	0.35 U	0.35 U	0.23 U	0.22 U	0.2 U
2-Methylphenol (O-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2-Nitroaniline	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
2-Nitrophenol	--	--	--	MG/KG	0.38 U	0.4 U	0.48 U	2 U	0.38 U	0.39 U	0.52 U	0.39 U	0.4 U	0.4 R	0.54 U	0.33 U	0.35 U	0.4 U	0.38 U	0.41 U	0.4 U	0.41 U	0.35 U	0.35 U	0.41 U	0.39 U	0.36 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.15 U	0.16 U	0.22 U	0.93 U	0.15 U	0.16 U	0.24 U	0.18 U	0.18 U	0.18 R	0.22 U	0.13 U	0.14 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.14 U	0.14 U	0.19 U	0.18 U	0.17 U
3-Nitroaniline	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.31 U	0.32 U	0.58 U	2.4 U	0.31 U	0.31 U	0.63 U	0.47 U	0.48 U	0.48 R	0.43 U	0.27 U	0.29 U	0.48 U	0.46 U	0.5 U	0.48 U	0.5 R	0.29 U	0.28 U	0.49 R	0.47 U	0.44 R
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4-Chloroaniline	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	0.38 U	0.4 U	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA	0.54 U	0.33 U	0.35 U	NA	NA	NA	NA	NA	0.35 U	0.35 U	NA	NA	NA
4-Nitroaniline	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
4-Nitrophenol	--	--	--	MG/KG	0.77 U	0.8 U	0.31 U	1.3 U	0.78 U	0.78 U	0.34 U	0.25 U	0.26 U	0.26 R	1.1 U	0.67 U	0.72 U	0.26 U	0.24 U	0.27 U	0.26 U	0.27 U	0.72 U	0.7 U	0.27 U	0.25 U	0.23 U
Acenaphthene	20	100	98	MG/KG	0.38 U	0.4 U	0.026 J	1.3	0.02 J	0.39 U	0.19 U	0.044 J	0.062 J	0.054 J-	0.54 U	0.33 U	0.35 U	0.15 U	0.14 U	0.057 J	0.1 J	0.15 U	0.35 U	0.35 U	0.15 U	0.022 J	0.13 U
Acenaphthylene	100	100	365	MG/KG	0.38 U	0.4 U	0.14 J	1.2	0.38 U	0.39 U	0.19 U	0.15	0.9	1 J-	0.54 U	0.33 U	0.35 U	0.15 U	0.14 U	0.15 U	0.031 J	0.15 U	0.35 U	0.35 U	0.15 U	0.14 U	0.13 U
Acetophenone	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Anthracene	100	100	1000	MG/KG	0.38 U	0.4 U	0.12 J	3.7	0.047 J	0.39 U	0.14 U	0.2	0.65	0.63 J-	0.54 U	0.33 U	0.35 U	0.11 U	0.1 U	0.15	0.26	0.11 U	0.35 U	0.35 U	0.11 U	0.073 J	0.1 U
Atrazine	--	--	--	MG/KG	0.15 U	0.16 U	NA	NA	0.15 U	0.16 U	NA	NA	NA	NA	0.22 U	0.13 U	0.14 U	NA	NA	NA	NA	NA	0.14 U	0.14 U	NA	NA	NA
Benzaldehyde	--	--	--	MG/KG	0.38 U	0.4 U	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA	0.54 U	0.33 U	0.35 U	NA	NA	NA	NA	NA	0.35 U	0.35 U	NA	NA	NA
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.038 U	0.04 U	0.56	**11**	0.17	0.039 U	0.14 U	0.58	**1.6**	**1.7 J-**	0.054 U	0.033 U	0.035 U	0.088 J	0.1 U	0.59	0.86	0.044 J	0.035 U	0.035 U	0.11 U	0.27	0.027 J
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.012 J	0.04 U	0.7	**10**	0.14	0.039 U	0.19 U	0.59	**1.8**	**1.4 J-**	0.054 U	0.033 U	0.035 U	0.08 J	0.14 U	0.56	0.78	0.15 U	0.035 U	0.035 U	0.15 U	0.28	0.13 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.015 J	0.04 U	0.73	**12**	0.19	0.039 U	0.14 U	0.8	**2.4**	**1.9 J-**	0.054 U	0.033 U	0.035 U	0.11	0.1 U	0.77	0.97	0.054 J	0.035 U	0.035 U	0.11 U	0.36	0.032 J
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.38 U	0.4 U	0.5	**6.8**	0.096 J	0.39 U	0.19 U	0.4	**1.4**	**1.2 J-**	0.54 U	0.33 U	0.35 U	0.051 J	0.14 U	0.35	0.45	0.029 J	0.35 U	0.35 U	0.15 U	0.18	0.13 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.038 U	0.04 U	0.16	**4.1**	0.08	0.039 U	0.14 U	0.2	0.62	0.73 J-	0.054 U	0.033 U	0.035 U	0.032 J	0.1 U	0.21	0.36	0.11 U	0.035 U	0.035 U	0.11 U	0.1 J	0.1 U
Benzoic Acid	--	--	--	MG/KG	0.38 U	0.4 U	0.72 U	3 U	0.38 U	0.39 U	0.78 U	0.59 U	0.6 U	0.59 R	0.54 U	0.33 U	0.35 U	0.6 U	0.57 U	0.62 U	0.6 U	0.62 U	0.35 U	0.35 U	0.62 U	0.59 U	0.54 U
Benzyl Alcohol	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.38 U	0.4 U	0.51 U	2.1 U	0.38 U	0.39 U	0.55 U	0.41 U	0.42 U	0.024 J-	0.54 U	0.33 U	0.35 U	0.42 U	0.4 U	0.44 U	0.42 U	0.44 U	0.35 U	0.35 U	0.43 U	0.41 U	0.38 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.38 U	0.4 U	0.24 U	1 U	0.38 U	0.39 U	0.26 U	0.2 U	0.2 U	0.2 R	0.54 U	0.33 U	0.35 U	0.2 U	0.19 U	0.21 U	0.2 U	0.21 U	0.35 U	0.35 U	0.2 U	0.2 U	0.18 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.038 U	0.04 U	0.2 U	0.84 U	0.038 U	0.039 U	0.22 U	0.16 U	0.17 U	0.16 R	0.054 U	0.033 U	0.035 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U	0.035 U	0.035 U	0.17 U	0.16 U	0.15 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.38 U	0.4 U	0.27 U	1.1 U	0.38 U	0.39 U	0.29 U	0.22 U	0.22 U	0.22 R	0.54 U	0.33 U	0.35 U	0.22 U	0.21 U	0.23 U	0.22 U	0.23 U	0.35 U	0.35 U	0.23 U	0.22 U	0.2 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.27	0.07 J	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.098 J	0.13 J	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Caprolactam	--	--	--	MG/KG	0.38 U	0.4 U	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA	0.54 U	0.33 U	0.35 U	NA	NA	NA	NA	NA	0.35 U	0.35 U	NA	NA	NA
Carbazole	--	--	--	MG/KG	0.38 U	0.4 U	0.032 J	1.5	0.022 J	0.39 U	0.24 U	0.094 J	0.34	0.35 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.09 J	0.13 J	0.19 U	0.35 U	0.35 U	0.19 U	0.034 J	0.17 U
Chrysene	**1**	4.9	1	MG/KG	0.38 U	0.4 U	0.59	**11**	0.18 J	0.39 U	0.14 U	0.57	**1.6**	**1.6 J-**	0.54 U	0.33 U	0.35 U	0.082 J	0.1 U	0.58	0.86	0.041 J	0.35 U	0.35 U	0.11 U	0.27	0.026 J
Cresols, M & P	0.33	100	0.33	MG/KG	0.38 U	0.4 U	NA	NA	0.38 U	0.39 U	NA	NA	NA	NA	0.54 U	0.33 U	0.35 U	NA	NA	NA	NA	NA	0.35 U	0.35 U	NA	NA	NA
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.038 U	0.04 U	0.075 J	**1.4**	0.021 J	0.039 U	0.14 U	0.094 J	0.3	0.28 J-	0.054 U	0.033 U	0.035 U	0.11 U	0.1 U	0.083 J	0.12	0.11 U	0.035 U	0.035 U	0.11 U	0.044 J	0.1 U
Dibenzofuran	2.1	18	110	MG/KG	0.38 U	0.4 U	0.22 U	0.65 J	0.38 U	0.39 U	0.24 U	0.026 J	0.09 J	0.12 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.026 J	0.045 J	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Diethyl Phthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Dimethyl Phthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.1 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.18 U	0.18 R	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Fluoranthene	85	100	1000	MG/KG	0.024 J	0.4 U	0.99	22	0.37 J	0.02 J	0.14 U	1.2	3.5	3.1 J-	0.54 U	0.33 U	0.35 U	0.17	0.1 U	1.2	1.8	0.087 J	0.35 U	0.35 U	0.11 U	0.55	0.068 J
Fluorene	30	100	386	MG/KG	0.38 U	0.4 U	0.038 J	1.1	0.022 J	0.39 U	0.24 U	0.049 J	0.13 J	0.14 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.051 J	0.1 J	0.19 U	0.35 U	0.35 U	0.19 U	0.022 J	0.17 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.038 U	0.04 U	0.13 U	0.56 U	0.038 U	0.039 U	0.14 U	0.11 U	0.11 U	0.11 R	0.054 U	0.033 U	0.035 U	0.11 U	0.1 U	0.11 U	0.11 U	0.11 U	0.035 U	0.035 U	0.11 U	0.11 U	0.1 U
Hexachlorobutadiene	--	--	--	MG/KG	0.077 U	0.08 U	0.22 U	0.93 U	0.078 U	0.078 U	0.24 U	0.18 U	0.18 U	0.18 R	0.11 U	0.067 U	0.072 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.072 U	0.07 U	0.19 U	0.18 U	0.17 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.38 U	0.4 U	0.64 UJ	2.7 UJ	0.38 U	0.39 U	0.69 UJ	0.52 U	0.53 U	0.52 R	0.54 U	0.33 U	0.35 U	0.53 UJ	0.5 UJ	0.55 UJ	0.53 UJ	0.55 R	0.35 U	0.35 U	0.54 R	0.52 U	0.48 R
Hexachloroethane	--	--	--	MG/KG	0.038 U	0.04 U	0.18 U	0.74 U	0.038 U	0.039 U	0.19 U	0.14 U	0.15 U	0.15 R	0.054 U	0.033 U	0.035 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.035 U	0.035 U	0.15 U	0.14 U	0.13 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.038 U	0.04 U	0.4	**6.4**	0.092	0.039 U	0.19 U	0.4	**1.4**	**1.1 J-**	0.054 U	0.033 U	0.035 U	0.046 J	0.14 U	0.34	0.45	0.028 J	0.035 U	0.035 U	0.15 U	0.17	0.13 U
Isophorone	--	--	--	MG/KG	0.15 U	0.16 U	0.2 U	0.84 U	0.15 U	0.16 U	0.22 U	0.16 U	0.17 U	0.16 R	0.22 U	0.13 U	0.14 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U	0.14 U	0.14 U	0.17 U	0.16 U	0.15 U
M+P MethylPhenol	0.33	100	0.33	MG/KG	NA	NA	0.32 U	1.3 U	NA	NA	0.35 U	0.26 U	0.08 J	0.092 J-	NA	NA	NA	0.27 U	0.25 U	0.28 U	0.27 U	0.28 U	NA	NA	0.27 U	0.26 U	0.24 U
Naphthalene	12	100	12	MG/KG	0.38 U	0.4 U	0.22 U	0.67 J	0.0084 J	0.034 J	0.24 U	0.027 J	0.15 J	0.21 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.028 J	0.035 J	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.038 U	0.04 U	0.2 U	0.84 U	0.038 U	0.039 U	0.22 U	0.16 U	0.17 U	0.16 R	0.054 U	0.033 U	0.035 U	0.17 U	0.16 U	0.17 U	0.17 U	0.17 U	0.035 U	0.035 U	0.17 U	0.16 U	0.15 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.038 U	0.04 U	0.22 U	0.93 U	0.038 U	0.039 U	0.24 U	0.18 U	0.18 U	0.18 R	0.054 U	0.033 U	0.035 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.035 U	0.035 U	0.19 U	0.18 U	0.17 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.38 U	0.4 U	0.18 U	0.74 U	0.38 U	0.39 U	0.19 U	0.14 U	0.15 U	0.15 R	0.54 U	0.33 U	0.35 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.35 U	0.35 U	0.15 U	0.14 U	0.13 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.31 U	0.32 U	0.18 U	0.74 U	0.31 U	0.31 U	0.19 U	0.14 U	0.15 U	0.15 R	0.43 U	0.27 U	0.29 U	0.15 U	0.14 U	0.15 U	0.15 U	0.15 U	0.29 U	0.28 U	0.15 U	0.14 U	0.13 U
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.38 U	0.4 U	0.48	**16**	0.29 J	0.057 J	0.14 U	0.68	**2**	**1.9 J-**	0.54 U	0.33 U	0.35 U	0.11	0.1 U	0.63 J	1.1 J	0.041 J	0.35 U	0.35 U	0.11 U	0.28	0.057 J
Phenol	0.33	100	0.33	MG/KG	0.38 U	0.4 U	0.22 U	0.93 U	0.38 U	0.39 U	0.24 U	0.18 U	0.09 J	0.12 J-	0.54 U	0.33 U	0.35 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.35 U	0.35 U	0.19 U	0.18 U	0.17 U
Pyrene	64	100	1000	MG/KG	0.026 J	0.4 U	1.6	21	0.36 J	0.032 J	0.14 U	1	2.9	2.7 J-	0.54 U	0.33 U	0.35 U	0.15	0.1 U	1	1.5	0.075 J	0.35 U	0.35 U	0.11 U	0.49	0.056 J

Table 3. Summary of Semivolatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation:	RISB-12	RISB-12	RISB-12	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13	RISB-14	RISB-14	RISB-14	RISB-14	RISB-14	RISB-14	RISB-15	RISB-15	RISB-15	RISB-15	RISB-15	RISB-16
					Sample Date:	09/04/2024	09/04/2024	09/09/2024	09/04/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/09/2024	09/09/2024	09/04/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/09/2024	09/09/2024	09/06/2024	09/12/2024	09/12/2024	12/04/2025	12/04/2025	09/06/2024
					Sample Depth (ft bls):	0 - 2	2 - 4	4 - 6	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	17 - 19	19 - 21	0 - 2	3 - 5	5 - 7	7 - 9	9 - 11	13 - 15	0 - 2	5 - 7	7 - 9	9 - 11	11 - 13	0 - 2	
					Normal Sample or Field Duplicate:	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	N	
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.21 U	0.19 U	0.18 U	0.039 U	0.039 U	0.037 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.037 U	0.17 U	0.19 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG		0.028 U	0.027 U	0.025 U	0.028 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.032 U	0.028 U	0.028 U	0.039 U	0.039 U	0.037 U	0.026 U	0.029 U	0.026 U	0.028 U	0.026 R	0.037 U	0.17 U	0.028 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG		NA	NA	NA	NA	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	NA	NA	NA	0.39 U	0.39 U	0.37 U	NA	NA	NA	NA	NA	0.37 U	1.7 U	NA
2,4,5-Trichlorophenol	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2,4,6-Trichlorophenol	--	--	--	MG/KG		0.11 U	0.11 U	0.1 U	0.11 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.13 U	0.11 U	0.11 U	0.16 U	0.16 U	0.15 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 R	0.15 U	0.68 U	0.11 U
2,4-Dichlorophenol	--	--	--	MG/KG		0.17 U	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.19 U	0.17 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.17 U	0.16 U	0.17 U	0.16 R	0.15 U	0.68 U	0.17 U
2,4-Dimethylphenol	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2,4-Dinitrophenol	--	--	--	MG/KG		0.89 U	0.86 U	0.81 U	0.89 U	0.31 U	0.3 U	0.32 U	0.27 U	0.29 U	1 U	0.9 U	0.88 U	0.31 U	0.31 U	0.3 U	0.84 U	0.92 U	0.84 U	0.89 U	0.85 R	0.3 U	1.4 U	0.91 U
2,4-Dinitrotoluene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.078 U	0.074 U	0.081 U	0.069 U	0.072 U	0.21 U	0.19 U	0.18 U	0.078 U	0.079 U	0.075 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.075 U	0.34 U	0.19 U
2,6-Dinitrotoluene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.078 U	0.074 U	0.081 U	0.069 U	0.072 U	0.21 U	0.19 U	0.18 U	0.078 U	0.079 U	0.075 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.075 U	0.34 U	0.19 U
2-Chloronaphthalene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2-Chlorophenol	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2-Methylnaphthalene	--	--	--	MG/KG		0.052 J	0.055 J	0.2 U	0.12 J	0.38 U	0.058 J	0.4 U	0.34 U	0.35 U	0.25 U	0.22 U	0.14 J	0.39 U	0.39 U	0.37 U	0.21 U	0.23 U	0.21 U	0.15 J	0.21 R	0.37 U	0.14 J	0.036 J
2-Methylphenol (O-Cresol)	0.33	100	0.33	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2-Nitroaniline	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
2-Nitrophenol	--	--	--	MG/KG		0.4 U	0.38 U	0.36 U	0.4 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.45 U	0.4 U	0.4 U	0.39 U	0.39 U	0.37 U	0.38 U	0.41 U	0.38 U	0.4 U	0.38 R	0.37 U	1.7 U	0.41 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.21 U	0.19 U	0.18 U	0.16 U	0.16 U	0.15 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.15 U	0.68 U	0.19 U
3-Nitroaniline	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG		0.48 U	0.46 U	0.44 R	0.48 U	0.31 U	0.3 U	0.32 U	0.27 U	0.29 U	0.55 R	0.49 R	0.48 U	0.31 U	0.31 U	0.3 U	0.46 R	0.5 R	0.46 U	0.48 U	0.46 R	0.3 U	1.4 U	0.49 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
4-Chloroaniline	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 UT	0.37 UT	0.4 UT	0.34 UT	0.35 UT	0.21 U	0.19 U	0.18 U	0.39 UT	0.39 UT	0.37 UT	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 UT	1.7 UT	0.19 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG		NA	NA	NA	NA	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	NA	NA	NA	0.39 U	0.39 U	0.37 U	NA	NA	NA	NA	NA	0.37 U	1.7 U	NA
4-Nitroaniline	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
4-Nitrophenol	--	--	--	MG/KG		0.26 U	0.25 U	0.24 U	0.26 U	0.78 U	0.74 U	0.81 U	0.69 U	0.72 U	0.29 U	0.26 U	0.26 U	0.78 U	0.79 U	0.75 U	0.25 U	0.27 U	0.25 U	0.26 U	0.25 R	0.75 U	3.4 U	0.27 U
Acenaphthene	20	100	98	MG/KG		0.15	0.15	0.14 U	0.35	0.072 J	0.16 J	0.04 J	0.34 U	0.35 U	0.17 U	0.15 U	0.4	0.39 U	0.39 U	0.37 U	0.14 U	0.15 U	0.032 J	0.081 J	0.028 J-	0.015 J	0.37 J	0.15
Acenaphthylene	100	100	365	MG/KG		0.17	0.3	0.14 U	0.4	0.38 U	0.045 J	0.011 J	0.34 U	0.35 U	0.17 U	0.15 U	1.1	0.39 U	0.39 U	0.37 U	0.14 U	0.15 U	0.15	0.66	0.14 R	0.03 J	1.7 U	0.26
Acetophenone	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Anthracene	100	100	1000	MG/KG		0.37	0.49	0.1 U	1	0.11 J	0.36 J	0.061 J	0.34 U	0.35 U	0.13 U	0.11 U	1.3	0.39 U	0.39 U	0.37 U	0.1 U	0.11 U	0.18	0.56	0.042 J-	0.054 J	0.23 J	0.57
Atrazine	--	--	--	MG/KG		NA	NA	NA	NA	NA	0.15 U	0.16 U	0.14 U	0.14 U	NA	NA	NA	0.16 U	0.16 U	0.15 U	NA	NA	NA	NA	NA	0.15 U	0.68 U	NA
Benzaldehyde	--	--	--	MG/KG		NA	NA	NA	NA	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	NA	NA	NA	0.39 U	0.39 U	0.37 U	NA	NA	NA	NA	NA	0.37 U	1.7 U	NA
Benzo(A)Anthracene	**1**	1.4	1	MG/KG		**1.2**	**1.6**	0.027 J	**2.7 J**	0.31	**1.2**	0.2	0.034 U	0.049	0.13 U	0.11 U	**4.3**	0.039 U	0.039 U	0.037 U	0.1 U	0.11 U	0.49	**1.7**	0.13 J-	0.25	0.32	**1.5**
Benzo(A)Pyrene	**1**	1	22	MG/KG		**1.2**	**1.5**	0.14 U	**2.4 J**	0.25	**1.1**	0.21	0.034 U	0.056	0.17 U	0.15 U	**4.2**	0.039 U	0.039 U	0.037 U	0.14 U	0.15 U	0.48	**1.6**	0.12 J-	0.23	0.23	**1.5**
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG		**1.6**	**2**	0.1 U	**3.1 J**	0.36	**1.4**	0.3	0.012 J	0.086	0.13 U	0.11 U	**6.1**	0.039 U	0.039 U	0.037 U	0.1 U	0.11 U	0.62	**2.1**	0.15 J-	0.31	0.15 J	**2**
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG		**0.82**	**1.1**	0.14 U	**1.6**	0.16 J	**0.74**	0.13 J	0.34 U	0.35 U	0.17 U	0.15 U	**2.9**	0.39 U	0.39 U	0.37 U	0.14 U	0.15 U	0.32	**1.1**	0.083 J-	0.16 J	0.11 J	**1**
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG		0.48	0.66	0.1 U	**0.94**	0.14	0.54	0.14	0.0069 J	0.04	0.13 U	0.11 U	**1.3**	0.039 U	0.039 U	0.037 U	0.1 U	0.11 U	0.17	0.63	0.043 J-	0.11	0.17 U	0.62
Benzoic Acid	--	--	--	MG/KG		0.6 U	0.58 U	0.55 U	0.6 R	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.68 U	0.61 U	0.6 U	0.39 U	0.39 U	0.37 U	0.57 U	0.62 U	0.57 U	0.6 U	0.57 R	0.37 U	1.7 U	0.62 U
Benzyl Alcohol	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Benzyl Butyl Phthalate	--	--	--	MG/KG		0.2	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Biphenyl (Diphenyl)	--	--	--	MG/KG		0.42 U	0.41 U	0.38 U	0.039 J	0.38 U	0.016 J	0.4 U	0.34 U	0.35 U	0.48 U	0.43 U	0.049 J	0.39 U	0.39 U	0.37 U	0.4 U	0.44 U	0.4 U	0.036 J	0.4 R	0.37 U	1.7 U	0.43 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG		0.2 U	0.19 U	0.18 U	0.2 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.23 U	0.2 U	0.2 U	0.39 U	0.39 U	0.37 U	0.19 U	0.21 U	0.19 U	0.2 U	0.19 R	0.37 U	1.7 U	0.2 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG		0.17 U	0.16 U	0.15 U	0.17 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.19 U	0.17 U	0.16 U	0.039 U	0.039 U	0.037 U	0.16 U	0.17 U	0.16 U	0.17 U	0.16 R	0.037 U	0.17 U	0.17 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG		0.22 U	0.21 U	0.2 U	0.22 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.25 U	0.22 U	0.22 U	0.39 U	0.39 U	0.37 U	0.21 U	0.23 U	0.21 U	0.22 U	0.21 R	0.37 U	1.7 U	0.23 U
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG		0.35	0.1 J	0.17 U	0.11 J	1.2	0.038 J	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.41
Caprolactam	--	--	--	MG/KG		NA	NA	NA	NA	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	NA	NA	NA	0.39 U	0.39 U	0.37 U	NA	NA	NA	NA	NA	0.37 U	1.7 U	NA
Carbazole	--	--	--	MG/KG		0.21	0.24	0.17 U	0.55	0.067 J	0.23 J	0.037 J	0.34 U	0.35 U	0.21 U	0.19 U	0.87	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.055 J	0.28	0.017 J-	0.022 J	1.7 U	0.29
Chrysene	**1**	4.9	1	MG/KG		**1.3**	**1.6**	0.025 J	**2.5 J**	0.37 J	**1.3**	0.3 J	0.018 J	0.1 J	0.13 U	0.11 U	**4.7**	0.39 U	0.39 U	0.37 U	0.1 U	0.11 U	0.45	**1.6**	0.14 J-	0.29 J	0.82 J	**1.4**
Cresols, M & P	0.33	100	0.33	MG/KG		NA	NA	NA	NA	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	NA	NA	NA	0.39 U	0.39 U	0.37 U	NA	NA	NA	NA	NA	0.37 U	1.7 U	NA
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG		0.2	0.26	0.1 U	**0.4**	0.04	0.19	0.029 J	0.034 U	0.035 U	0.13 U	0.11 U	**0.69**	0.039 U	0.039 U	0.037 U	0.1 U	0.11 U	0.071 J	0.26	0.1 R	0.045	0.17 U	0.24
Dibenzofuran	2.1	18	110	MG/KG		0.11 J	0.12 J	0.17 U	0.29	0.034 J	0.12 J	0.024 J	0.34 U	0.35 U	0.21 U	0.19 U	0.44	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.027 J	0.17 J	0.024 J-	0.37 U	0.22 J	0.075 J
Diethyl Phthalate	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.027 J	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Dimethyl Phthalate	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Di-N-Butyl Phthalate	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.06 J	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Di-N-Octylphthalate	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.18 U	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.37 U	1.7 U	0.19 U
Fluoranthene	85	100	1000	MG/KG		2.6	3.2	0.054 J	5 J	0.87	2.7	0.63	0.021 J	0.16 J	0.13 U	0.11 U	12	0.39 U	0.39 U	0.37 U	0.1 U	0.11 U	0.97	3.6	0.26 J-	0.52	0.14 J	3.2
Fluorene	30	100	386	MG/KG		0.15 J	0.19	0.17 U	0.43	0.056 J	0.16 J	0.038 J	0.34 U	0.35 U	0.21 U	0.19 U	0.66	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.034 J	0.15 J	0.02 J-	0.37 U	0.49 J	0.16 J
Hexachlorobenzene	0.33	0.33	3.2	MG/KG		0.11 U	0.11 U	0.1 U	0.11 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.13 U	0.11 U	0.11 U	0.039 U	0.039 U	0.037 U	0.1 U	0.11 U	0.1 U	0.11 U	0.1 R	0.037 U	0.17 U	0.11 U
Hexachlorobutadiene	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.078 U	0.074 U	0.081 U	0.069 U	0.072 U	0.21 U	0.19 U	0.18 U	0.078 U	0.079 U	0.075 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.075 U	0.34 U	0.19 U
Hexachlorocyclopentadiene	--	--	--	MG/KG		0.53 U	0.51 U	0.48 R	0.53 UJ	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.6 R	0.54 R	0.53 U	0.39 U	0.39 U	0.37 U	0.5 R	0.55 R	0.5 U	0.53 UJ	0.5 R	0.37 U	1.7 U	0.54 U
Hexachloroethane	--	--	--	MG/KG		0.15 U	0.14 U	0.14 U	0.15 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.17 U	0.15 U	0.15 U	0.039 U	0.039 U	0.037 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 R	0.037 U	0.17 U	0.15 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG		**0.81**	**1**	0.14 U	**1.6**	0.16	**0.76**	0.13	0.034 U	0.035 U	0.17 U	0.15 U	**2.9**	0.039 U	0.039 U	0.037 U	0.14 U	0.15 U	0.32	**1.2**	0.074 J-	0.16	0.17 U	**1**
Isophorone	--	--	--	MG/KG		0.17 U	0.16 U	0.15 U	0.17 U	0.15 U	0.15 U	0.16 U	0.14 U	0.14 U	0.19 U	0.17 U	0.16 U	0.16 U	0.16 U	0.15 U	0.16 U	0.17 U	0.16 U	0.17 U	0.16 R	0.15 U	0.68 U	0.17 U
M+P MethylPhenol	0.33	100	0.33	MG/KG		0.26 U	0.26 U	0.24 U	0.032 J	NA	NA	NA	NA	NA	0.3 U	0.27 U	0.063 J	NA	NA	NA	0.25 U	0.28 U	0.25 U	0.07 J	0.25 R	NA	NA	0.27 U
Naphthalene	12	100	12	MG/KG		0.11 J	0.18	0.17 U	0.27	0.019 J	0.15 J	0.033 J	0.34 U	0.35 U	0.21 U	0.19 U	0.28	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.041 J	0.42	0.029 J-	0.017 J	1.7 U	0.068 J
Nitrobenzene	0.08	1.8	0.08	MG/KG		0.17 U	0.16 U	0.15 U	0.17 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.19 U	0.17 U	0.16 U	0.039 U	0.039 U	0.037 U	0.16 U	0.17 U	0.16 U	0.17 U	0.16 R	0.037 U	0.17 U	0.17 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.038 U	0.037 U	0.04 U	0.034 U	0.035 U	0.21 U	0.19 U	0.18 U	0.039 U	0.039 U	0.037 U	0.18 U	0.19 U	0.18 U	0.18 U	0.18 R	0.037 U	0.17 U	0.19 U
N-Nitrosodiphenylamine	--	--	--	MG/KG		0.15 U	0.14 U	0.14 U	0.15 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.17 U	0.15 U	0.15 U	0.39 U	0.39 U	0.37 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 R	0.37 U	1.7 U	0.15 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG		0.15 U	0.14 U	0.14 U	0.15 U	0.31 U	0.3 U	0.32 U	0.27 U	0.29 U	0.17 U	0.15 U	0.15 U	0.31 U	0.31 U	0.3 U	0.14 U	0.15 U	0.14 U	0.15 U	0.14 R	0.3 U	1.4 U	0.15 U
Phenanthrene	**1.1**	4.9	1000	MG/KG		**1.9**	**2.2**	0.036 J	**4.2 J**	0.8	**2.3**	0.48	0.34 U	0.098 J	0.13 U	0.11 U	**6.2**	0.39 U	0.39 U	0.37 U	0.1 U	0.11 U	0.59	**2.5**	0.22 J-	0.36 J	**1.2 J**	**2**
Phenol	0.33	100	0.33	MG/KG		0.18 U	0.18 U	0.17 U	0.18 U	0.38 U	0.37 U	0.4 U	0.34 U	0.35 U	0.21 U	0.19 U	0.042 J	0.39 U	0.39 U	0.37 U	0.18 U	0.19 U	0.18 U	0.036 J	0.18 R	0.37 U	1.7 U	0.19 U
Pyrene	64	100	1000	MG/KG		2.4	2.9	0.048 J	4.5 J	0.79	2.6	0.61	0.022 J	0.15 J	0.13 U	0.11 U	6.9	0.39 U	0.39 U	0.37 U	0.1 U	0.11 U	0.9	3	0.26 J-	0.56	0.59 J	2.7

Table 3. Summary of Semivolatile Organic Compounds in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-16	RISB-17	RISB-17	RISB-17	RISB-17	RISB-17	RISB-17	RISB-18	RISB-18	RISB-18	RISB-18	RISB-18	RISB-18	RISB-19	RISB-19	RISB-19
Sample Date:					09/06/2024	09/10/2024	12/03/2025	12/03/2025	12/03/2025	12/03/2025	09/10/2024	09/05/2024	12/02/2025	12/02/2025	12/02/2025	09/12/2024	09/12/2024	09/10/2024	12/02/2025	09/12/2024
Sample Depth (ft bls):					3 - 5	0 - 2	2 - 4	4 - 6	4 - 6	6 - 8	12 - 14	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	8 - 10	0 - 2	3 - 5	5 - 7
Normal Sample or Field Duplicate:					N	N	N	N	FD	N	N	N	N	N	N	N	FD	N	N	N
1,2,4,5-Tetrachlorobenzene	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
1,2,4-Trichlorobenzene	--	--	--	MG/KG	0.2 U	0.91 U	0.046 U	0.045 U	0.047 U	0.044 U	0.19 U	0.93 U	0.043 U	0.047 U	0.046 U	0.22 U	0.22 U	0.9 U	0.037 U	0.16 U
1,2-Dichlorobenzene	1.1	100	1.1	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
1,3-Dichlorobenzene	2.6	38	2.6	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
1,4-Dichlorobenzene	1.8	24	1.8	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
1,4-Dioxane (P-Dioxane)	0.1	5.7	0.1	MG/KG	0.03 U	0.14 U	0.046 U	0.045 U	0.047 U	0.044 U	0.028 U	0.14 U	0.043 U	0.047 U	0.046 U	0.033 U	0.034 U	0.13 U	0.037 U	0.025 U
2,3,4,6-Tetrachlorophenol	--	--	--	MG/KG	NA	NA	0.46 U	0.45 U	0.47 U	0.44 U	NA	NA	0.43 U	0.47 U	0.46 U	NA	NA	NA	0.37 U	NA
2,4,5-Trichlorophenol	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2,4,6-Trichlorophenol	--	--	--	MG/KG	0.12 U	0.54 U	0.19 U	0.18 U	0.19 U	0.18 U	0.11 U	0.56 U	0.17 U	0.19 U	0.19 U	0.13 U	0.13 U	0.54 U	0.15 U	0.099 U
2,4-Dichlorophenol	--	--	--	MG/KG	0.18 U	0.82 U	0.19 U	0.18 U	0.19 U	0.18 U	0.17 U	0.84 U	0.17 U	0.19 U	0.19 U	0.2 U	0.2 U	0.81 U	0.15 U	0.15 U
2,4-Dimethylphenol	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2,4-Dinitrophenol	--	--	--	MG/KG	0.95 U	4.4 U	0.37 U	0.36 U	0.38 U	0.36 U	0.91 U	4.5 U	0.35 U	0.38 U	0.37 U	1.1 U	1.1 U	4.3 UJ	0.3 U	0.79 U
2,4-Dinitrotoluene	--	--	--	MG/KG	0.2 U	0.91 U	0.093 U	0.091 U	0.096 U	0.089 U	0.19 U	0.93 U	0.088 U	0.095 U	0.094 U	0.22 U	0.22 U	0.9 U	0.075 U	0.16 U
2,6-Dinitrotoluene	--	--	--	MG/KG	0.2 U	0.91 U	0.093 U	0.091 U	0.096 U	0.089 U	0.19 U	0.93 U	0.088 U	0.095 U	0.094 U	0.22 U	0.22 U	0.9 U	0.075 U	0.16 U
2-Chloronaphthalene	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2-Chlorophenol	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2-Methylnaphthalene	--	--	--	MG/KG	0.24 U	1.1 U	0.46 U	0.45 U	0.47 U	0.44 U	0.23 U	0.12 J	0.43 U	0.47 U	0.42 J	0.26 U	0.27 U	1.1 U	0.37 U	0.2 U
2-Methylphenol (O-Cresol)	0.33	100	0.33	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2-Nitroaniline	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
2-Nitrophenol	--	--	--	MG/KG	0.43 U	2 U	0.46 U	0.45 U	0.47 U	0.44 U	0.41 U	2 U	0.43 U	0.47 U	0.46 U	0.48 U	0.48 U	1.9 U	0.37 U	0.36 U
3,3'-Dichlorobenzidine	--	--	--	MG/KG	0.2 U	0.91 U	0.19 U	0.18 U	0.19 U	0.18 U	0.19 U	0.93 U	0.17 U	0.19 U	0.19 U	0.22 U	0.22 U	0.9 U	0.15 U	0.16 U
3-Nitroaniline	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4,6-Dinitro-2-Methylphenol	--	--	--	MG/KG	0.51 U	2.4 U	0.37 U	0.36 U	0.38 U	0.36 U	0.5 U	2.4 U	0.35 U	0.38 U	0.37 U	0.57 U	0.58 U	2.3 UJ	0.3 U	0.43 U
4-Bromophenyl Phenyl Ether	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4-Chloro-3-Methylphenol	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4-Chloroaniline	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4-Chlorophenyl Phenyl Ether	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4-Methylphenol (P-Cresol)	0.33	100	0.33	MG/KG	NA	NA	0.46 U	0.45 U	0.47 U	0.44 U	NA	NA	0.43 U	0.47 U	0.04 J	NA	NA	NA	0.37 U	NA
4-Nitroaniline	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
4-Nitrophenol	--	--	--	MG/KG	0.28 U	1.3 U	0.93 U	0.91 U	0.96 U	0.89 U	0.27 U	1.3 U	0.88 U	0.95 U	0.94 U	0.31 U	0.31 U	1.2 U	0.75 U	0.23 U
Acenaphthene	20	100	98	MG/KG	0.16 U	0.73 U	0.46 U	0.45 U	0.47 U	0.44 U	0.15 U	0.43 J	0.43 U	0.47 U	0.46	0.18 U	0.18 U	0.72 U	0.37 U	0.13 U
Acenaphthylene	100	100	365	MG/KG	0.16 U	0.46 J	0.46 U	0.45 U	0.47 U	0.44 U	0.15 U	1.4	0.024 J	0.47 U	0.45 J	0.18 U	0.18 U	0.72 U	0.37 U	0.13 U
Acetophenone	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Anthracene	100	100	1000	MG/KG	0.12 U	0.58	0.46 U	0.45 U	0.47 U	0.44 U	0.11 U	2.2	0.049 J	0.47 U	1.1	0.13 U	0.13 U	0.54 U	0.37 U	0.099 U
Atrazine	--	--	--	MG/KG	NA	NA	0.19 U	0.18 U	0.19 U	0.18 U	NA	NA	0.17 U	0.19 U	0.19 U	NA	NA	NA	0.15 U	NA
Benzaldehyde	--	--	--	MG/KG	NA	NA	0.46 U	0.45 U	0.47 U	0.44 U	NA	NA	0.43 U	0.47 U	0.46 U	NA	NA	NA	0.37 U	NA
Benzo(A)Anthracene	**1**	1.4	1	MG/KG	0.12	**2.2**	0.046 U	0.045 U	0.047 U	0.044 U	0.029 J	**5.5**	0.24	0.047 U	**2.6**	0.13 U	0.13 U	0.34 J	0.037 U	0.099 U
Benzo(A)Pyrene	**1**	1	22	MG/KG	0.09 J	**2.2**	0.046 U	0.045 U	0.047 U	0.044 U	0.15 U	**5.2**	0.23	0.047 U	**3**	0.18 U	0.18 U	0.31 J	0.037 U	0.13 U
Benzo(B)Fluoranthene	**1**	1.4	2.1	MG/KG	0.11 J	**2.7**	0.046 U	0.045 U	0.047 U	0.044 U	0.033 J	**6.6**	0.27	0.047 U	**4**	0.13 U	0.13 U	0.39 J	0.037 U	0.099 U
Benzo(G,H,I)Perylene	**0.64**	4.9	1000	MG/KG	0.051 J	**1.5**	0.46 U	0.45 U	0.47 U	0.44 U	0.15 U	**3.3**	0.14 J	0.47 U	**1.7**	0.18 U	0.18 U	0.22 J	0.37 U	0.13 U
Benzo(K)Fluoranthene	**0.8**	4.9	2	MG/KG	0.12 U	0.74	0.046 U	0.045 U	0.047 U	0.044 U	0.11 U	**2**	0.14	0.047 U	**1.5**	0.13 U	0.13 U	0.14 J	0.037 U	0.099 U
Benzoic Acid	--	--	--	MG/KG	0.64 U	2.9 U	0.46 U	0.45 U	0.47 U	0.44 U	0.62 U	3 U	0.43 U	0.47 U	0.46 U	0.72 U	0.73 U	2.9 UJ	0.37 U	0.54 R
Benzyl Alcohol	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Benzyl Butyl Phthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Biphenyl (Diphenyl)	--	--	--	MG/KG	0.45 U	2.1 U	0.46 U	0.45 U	0.47 U	0.44 U	0.43 U	2.1 U	0.43 U	0.47 U	0.15 J	0.5 U	0.51 U	2 U	0.37 U	0.38 U
Bis(2-Chloroethoxy) Methane	--	--	--	MG/KG	0.21 U	0.98 U	0.46 U	0.45 U	0.47 U	0.44 U	0.2 U	1 U	0.43 U	0.47 U	0.46 U	0.24 U	0.24 U	0.97 U	0.37 U	0.18 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	--	--	--	MG/KG	0.18 U	0.82 U	0.046 U	0.045 U	0.047 U	0.044 U	0.17 U	0.84 U	0.043 U	0.047 U	0.046 U	0.2 U	0.2 U	0.81 U	0.037 U	0.15 U
Bis(2-Chloroisopropyl) Ether	--	--	--	MG/KG	0.24 U	1.1 U	0.46 U	0.45 U	0.47 U	0.44 U	0.23 U	1.1 U	0.43 U	0.47 U	0.46 U	0.26 UJ	0.27 UJ	1.1 U	0.37 U	0.2 UJ
Bis(2-Ethylhexyl) Phthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Caprolactam	--	--	--	MG/KG	NA	NA	0.46 U	0.45 U	0.47 U	0.44 U	NA	NA	0.43 U	0.47 U	0.46 U	NA	NA	NA	0.37 U	NA
Carbazole	--	--	--	MG/KG	0.2 U	0.2 J	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	1.2	0.022 J	0.47 U	0.83	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Chrysene	**1**	4.9	1	MG/KG	0.12	**2**	0.46 U	0.45 U	0.47 U	0.44 U	0.028 J	**5.5**	0.28 J	0.47 U	**3.6**	0.13 U	0.13 U	0.35 J	0.37 U	0.099 U
Cresols, M & P	0.33	100	0.33	MG/KG	NA	NA	0.46 U	0.45 U	0.47 U	0.44 U	NA	NA	0.43 U	0.47 U	0.04 J	NA	NA	NA	0.37 U	NA
Dibenz(A,H)Anthracene	**0.33**	0.33	1000	MG/KG	0.12 U	0.28 J	0.046 U	0.045 U	0.047 U	0.044 U	0.11 U	**0.8**	0.038 J	0.047 U	**0.42**	0.13 U	0.13 U	0.54 U	0.037 U	0.099 U
Dibenzofuran	2.1	18	110	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.29 J	0.43 U	0.47 U	1	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Diethyl Phthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Dimethyl Phthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Di-N-Butyl Phthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Di-N-Octylphthalate	--	--	--	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Fluoranthene	85	100	1000	MG/KG	0.24	5.5	0.46 U	0.45 U	0.47 U	0.44 U	0.061 J	10	0.53	0.47 U	9.2	0.13 U	0.13 U	0.81	0.014 J	0.099 U
Fluorene	30	100	386	MG/KG	0.2 U	0.17 J	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.6 J	0.019 J	0.47 U	0.89	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Hexachlorobenzene	0.33	0.33	3.2	MG/KG	0.12 U	0.54 U	0.046 U	0.045 U	0.047 U	0.044 U	0.11 U	0.56 U	0.043 U	0.047 U	0.046 U	0.13 U	0.13 U	0.54 U	0.037 U	0.099 U
Hexachlorobutadiene	--	--	--	MG/KG	0.2 U	0.91 U	0.093 U	0.091 U	0.096 U	0.089 U	0.19 U	0.93 U	0.088 U	0.095 U	0.094 U	0.22 U	0.22 U	0.9 U	0.075 U	0.16 U
Hexachlorocyclopentadiene	--	--	--	MG/KG	0.56 U	2.6 R	0.46 U	0.45 U	0.47 U	0.44 U	0.54 R	2.7 UJ	0.43 U	0.47 U	0.46 U	0.63 UJ	0.64 UJ	2.6 R	0.37 U	0.47 UJ
Hexachloroethane	--	--	--	MG/KG	0.16 U	0.73 U	0.046 U	0.045 U	0.047 U	0.044 U	0.15 U	0.75 U	0.043 U	0.047 U	0.046 U	0.18 U	0.18 U	0.72 U	0.037 U	0.13 U
Indeno(1,2,3-C,D)Pyrene	**0.5**	1.4	6.6	MG/KG	0.052 J	**1.4**	0.046 U	0.045 U	0.047 U	0.044 U	0.15 U	**3.3**	0.16	0.047 U	**1.8**	0.18 U	0.18 U	0.2 J	0.037 U	0.13 U
Isophorone	--	--	--	MG/KG	0.18 U	0.82 U	0.19 U	0.18 U	0.19 U	0.18 U	0.17 U	0.84 U	0.17 U	0.19 U	0.19 U	0.2 U	0.2 U	0.81 U	0.15 U	0.15 U
M+P MethylPhenol	0.33	100	0.33	MG/KG	0.28 U	1.3 U	NA	NA	NA	NA	0.27 U	1.3 U	NA	NA	NA	0.32 U	0.32 U	1.3 U	NA	0.24 U
Naphthalene	12	100	12	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.012 J	0.44 U	0.19 U	0.23 J	0.43 U	0.47 U	0.85	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Nitrobenzene	0.08	1.8	0.08	MG/KG	0.18 U	0.82 U	0.046 U	0.045 U	0.047 U	0.044 U	0.17 U	0.84 U	0.043 U	0.047 U	0.046 U	0.2 U	0.2 U	0.81 U	0.037 U	0.15 U
N-Nitrosodi-N-Propylamine	--	--	--	MG/KG	0.2 U	0.91 U	0.046 U	0.045 U	0.047 U	0.044 U	0.19 U	0.93 U	0.043 U	0.047 U	0.046 U	0.22 U	0.22 U	0.9 U	0.037 U	0.16 U
N-Nitrosodiphenylamine	--	--	--	MG/KG	0.16 U	0.73 U	0.46 U	0.45 U	0.47 U	0.44 U	0.15 U	0.75 U	0.43 U	0.47 U	0.46 U	0.18 U	0.18 U	0.72 U	0.37 U	0.13 U
Pentachlorophenol	0.8	1.3	0.8	MG/KG	0.16 U	0.73 U	0.37 U	0.36 U	0.38 U	0.36 U	0.15 U	0.75 U	0.35 U	0.38 U	0.37 U	0.18 U	0.18 U	0.72 U	0.3 U	0.13 U
Phenanthrene	**1.1**	4.9	1000	MG/KG	0.26	**3**	0.46 U	0.45 U	0.47 U	0.44 U	0.034 J	**7.1**	0.3 J	0.47 U	**10**	0.13 U	0.13 U	0.48 J	0.37 U	0.099 U
Phenol	0.33	100	0.33	MG/KG	0.2 U	0.91 U	0.46 U	0.45 U	0.47 U	0.44 U	0.19 U	0.93 U	0.43 U	0.47 U	0.46 U	0.22 U	0.22 U	0.9 U	0.37 U	0.16 U
Pyrene	64	100	1000	MG/KG	0.27	4.7	0.014 J	0.45 U	0.47 U	0.44 U	0.053 J	8.9	0.48	0.47 U	8.8	0.13 U	0.13 U	0.69	0.012 J	0.099 U

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-1	RISB-1	RISB-1	RISB-2	RISB-2	RISB-2
				Sample Date:	09/06/2024	09/18/2024	09/18/2024	09/10/2024	12/02/2025	12/02/2025
				Sample Depth (ft bls):	0 - 2	5 - 7	7 - 9	0 - 2	2 - 4	4 - 6
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	7740	3430	20800	7810	13100	12400
Antimony	--	--	--	MG/KG	0.74 J	0.831 J	9.11 U	4.19 U	0.57 J	0.16 J
Arsenic	**13**	16	16	MG/KG	5.47	10.3	3.08	5.36	4	3.2
Barium	**410**	410	820	MG/KG	398	**667**	72.3	264	**2340**	68.1
Beryllium	**4.4**	43	47	MG/KG	1.68	0.461 J	**8.94**	0.341 J	0.86	0.54
Cadmium	2.5	2.5	7.5	MG/KG	0.342 J	0.602 J	0.485 J	0.488 J	0.19 J	0.47 U
Calcium	--	--	--	MG/KG	70700	122000	132000	4500	2850	1970
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	NA	**44.9**	26.9
Chromium, Hexavalent	**1**	1	19	MG/KG	0.456 J	0.914 UJ	NA	0.88 U	1.2 U	1.3 U
Chromium, Total	**30**	110	--	MG/KG	18.6	15.1	17.7	18.8	**44.9**	26.9
Cobalt	--	--	--	MG/KG	10.8	4.33	8.72	3.39	8.6	8
Copper	**50**	280	1720	MG/KG	43.4	19.8	22.1	29.4	20	14.9
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	NA	0.2 J	0.25 U
Iron	--	--	--	MG/KG	21800	6540	25700	12500	21500	20300
Lead	**63**	400	450	MG/KG	**700**	**2350**	**89.1**	**406**	**389**	44.9
Magnesium	--	--	--	MG/KG	36400	42100	88700	2810	4380	3400
Manganese	**1600**	2000	2000	MG/KG	657	213	1280	235	525	363
Mercury	**0.18**	0.3	0.73	MG/KG	**0.205**	**0.359**	0.117	0.118	0.066	0.022
Nickel	**30**	320	130	MG/KG	11.5	6.11	16.3	7.19	14.4	14.8
Potassium	--	--	--	MG/KG	1150	736	885	341	1260	965
Selenium	3.9	110	4	MG/KG	0.331 J	3.56 U	3.64 U	0.55 J	0.3 J	0.25 J
Silver	2	110	8.3	MG/KG	0.435 U	0.891 U	0.911 U	0.24 J	0.093 J	0.37 U
Sodium	--	--	--	MG/KG	390	218 J	235 J	41.4 J	65.8 J	57.1 J
Thallium	--	--	--	MG/KG	1.74 U	3.56 U	3.64 U	1.68 U	0.15 J	0.11 J
Vanadium	--	--	--	MG/KG	29.9	12.8	58.3	20.1	32.2	29.9
Zinc	**109**	6600	2480	MG/KG	**321**	**975**	**178**	**246**	**181**	59.9

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-2	RISB-3	RISB-3	RISB-3	RISB-3	RISB-4
				Sample Date:	09/17/2024	09/10/2024	09/10/2024	12/02/2025	09/17/2024	09/04/2024
				Sample Depth (ft bls):	7 - 9	0 - 2	0 - 2	3 - 5	5 - 7	0 - 2
				Normal Sample or Field Duplicate:	N	N	FD	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	5200	7700	9130	13800	9400	11700
Antimony	--	--	--	MG/KG	4.21 U	4.27 U	4.24 U	0.15 J	4.37 U	4.31 U
Arsenic	**13**	16	16	MG/KG	0.64 J	4.35	5.31	2.4	2.02	4.94
Barium	**410**	410	820	MG/KG	26.5	112 J	200 J	51.7	30.2	75.1
Beryllium	**4.4**	43	47	MG/KG	3.52	0.479	0.691	0.81	1.98	0.768
Cadmium	2.5	2.5	7.5	MG/KG	0.402 J	0.39 J	0.453 J	0.13 J	0.328 J	0.162 J
Calcium	--	--	--	MG/KG	549	6020 J	14700 J	1570	915	1380
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	28.5	NA	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.458 J	0.875 U	0.874 U	1.2 U	0.494 J	0.916 U
Chromium, Total	**30**	110	--	MG/KG	14.9	12.7	16.4	28.5	**33.2**	21.4
Cobalt	--	--	--	MG/KG	12	3.39	5.24	8.5	13.4	8.32
Copper	**50**	280	1720	MG/KG	11.8	23.2	33	12.9	16.1	17.8
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	0.26 U	NA	NA
Iron	--	--	--	MG/KG	36000	13300	15600	20400	40600	19700
Lead	**63**	400	450	MG/KG	2.1 J	**178**	**265**	30	5.42	**71.3**
Magnesium	--	--	--	MG/KG	1630	2820 J	7320 J	5350	2880	3120
Manganese	**1600**	2000	2000	MG/KG	709	270	390	479	471	316
Mercury	**0.18**	0.3	0.73	MG/KG	0.069 U	**0.203**	**0.358**	0.038	0.073 U	0.094
Nickel	**30**	320	130	MG/KG	12.9	8.17	10.6	13.7	14	12.5
Potassium	--	--	--	MG/KG	659	363	475	1210	586	580
Selenium	3.9	110	4	MG/KG	1.68 U	0.722 J	0.576 J	0.18 J	1.75 U	0.291 J
Silver	2	110	8.3	MG/KG	0.421 U	0.308 J	0.44	0.37 U	0.437 U	0.431 U
Sodium	--	--	--	MG/KG	20 J	36.3 J	66.4 J	89.1 J	36.4 J	33.4 J
Thallium	--	--	--	MG/KG	1.68 U	1.71 U	0.279 J	0.14 J	1.75 U	0.595 J
Vanadium	--	--	--	MG/KG	17.7	25.6	29.2	35.6	41	28.8
Zinc	**109**	6600	2480	MG/KG	53	**120 J**	**199 J**	75.9	89.3	67.6

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: RISB-4	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5
					Sample Date: 09/13/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025
					Sample Depth (ft bls): 20 - 22	0 - 2	2 - 4	2 - 4	4 - 6	6 - 8
					Normal Sample or Field Duplicate: N	N	N	FD	N	N
Aluminum	--	--	--	MG/KG	7460	8270	6340	7460	12300	7690
Antimony	--	--	--	MG/KG	4.41 U	0.18 J	2.2	0.16 J	0.94 U	0.92 U
Arsenic	**13**	16	16	MG/KG	0.882 U	3.3	2.8	3.6	2.3	1.3
Barium	**410**	410	820	MG/KG	14.7	324	**427**	**627**	96.2	38.2
Beryllium	**4.4**	43	47	MG/KG	**10**	1	0.69	0.47	3.5	2
Cadmium	2.5	2.5	7.5	MG/KG	0.584 J	0.41 J	0.49	0.52	0.53	0.25 J
Calcium	--	--	--	MG/KG	6170	35600	53400	47700	5510	1550
Chromium III	**30**	110	--	MG/KG	NA	17.3	13 J	26.7 J	26.2	19.7
Chromium, Hexavalent	**1**	1	19	MG/KG	0.939 UJ	1 U	0.48 J	0.98 U	0.44 J	1 U
Chromium, Total	**30**	110	--	MG/KG	5.98	17.3	13.4 J	26.7 J	26.7	19.7
Cobalt	--	--	--	MG/KG	7.69	7.5 J	5.9	6	22.6	17.7
Copper	**50**	280	1720	MG/KG	8.38	22.9	16.6	20.1	25.1	13.4
Cyanide	2.3	13	40	MG/KG	NA	0.24 U	0.24 U	0.23 U	0.21 U	0.14 J
Iron	--	--	--	MG/KG	8530	20900	13600	14800	34900	28900
Lead	**63**	400	450	MG/KG	26.4	**101**	**258**	**190**	40.4	5.8
Magnesium	--	--	--	MG/KG	3860	17800	20300	12300	12500	4330
Manganese	**1600**	2000	2000	MG/KG	125	466	393	325	**2060**	1440
Mercury	**0.18**	0.3	0.73	MG/KG	0.075 U	0.12	0.083	0.15	0.071	0.016 U
Nickel	**30**	320	130	MG/KG	5.87	10.7	8.8	15.4	25.3	15.9
Potassium	--	--	--	MG/KG	1090	777	799 J	2450 J	1960	2550
Selenium	3.9	110	4	MG/KG	1.76 U	1.3 U	1.1 U	1.2 U	1.2 U	1.1 U
Silver	2	110	8.3	MG/KG	0.441 U	0.4 U	0.36 U	0.38 U	0.37 U	0.37 U
Sodium	--	--	--	MG/KG	118 J	105	184	173	72.7 J	77.4 J
Thallium	--	--	--	MG/KG	0.383 J	0.17 J	0.13 J	0.18 J	0.68	0.62
Vanadium	--	--	--	MG/KG	6.94	26.6 J	17.7	23.8	34.6	24.4
Zinc	**109**	6600	2480	MG/KG	31.1	**183**	**306**	**425**	**354**	64.9

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-5	RISB-5	RISB-6	RISB-6	RISB-6	RISB-6
				Sample Date:	12/04/2025	09/17/2024	09/05/2024	12/03/2025	12/03/2025	09/13/2024
				Sample Depth (ft bls):	8 - 10	17 - 19	0 - 2	2 - 4	4 - 6	15 - 17
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	33000	18100	8600	13200	7900	10700
Antimony	--	--	--	MG/KG	1 U	4.59 U	1.87 J	1 U	1.1 U	5.19 U
Arsenic	**13**	16	16	MG/KG	1.1	0.467 J	5.72	3.3	0.42 J	3.1
Barium	**410**	410	820	MG/KG	194	113	134	52.6	7.9	14.7
Beryllium	**4.4**	43	47	MG/KG	**6.8**	**6.14**	1.44	0.97	2.4	**4.91**
Cadmium	2.5	2.5	7.5	MG/KG	0.32 J	0.625 J	0.358 J	0.15 J	0.55 U	0.471 J
Calcium	--	--	--	MG/KG	5470	4720	22600	2590	1050	2170
Chromium III	**30**	110	--	MG/KG	**56.5**	NA	NA	22.1	9	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	1.1 U	0.943 U	0.932 U	1.1 U	1.2 U	**1.13 J-**
Chromium, Total	**30**	110	--	MG/KG	**56.5**	**33.2**	21.5	22.1	9	**42.7**
Cobalt	--	--	--	MG/KG	21.1	14	7.9	10.2	7.5	22.4
Copper	**50**	280	1720	MG/KG	19.6	19.2	37.8	15.6	7.3	29.6
Cyanide	2.3	13	40	MG/KG	0.26 U	NA	NA	0.25 U	0.27 U	NA
Iron	--	--	--	MG/KG	40800	24600	24400	22900	17600	46200
Lead	**63**	400	450	MG/KG	18.8	7.03	**199**	29.5	6.3	50.7
Magnesium	--	--	--	MG/KG	21800	9460	8100	5530	1500	1710
Manganese	**1600**	2000	2000	MG/KG	735	160	591	523	154	387
Mercury	**0.18**	0.3	0.73	MG/KG	0.018 U	0.075 U	**1.48**	0.091	0.0088 J	0.074 J
Nickel	**30**	320	130	MG/KG	**31.6**	21	13.5	16.5	5.7	14.9
Potassium	--	--	--	MG/KG	11200	8870	947	1220	899	165 J
Selenium	3.9	110	4	MG/KG	1.3 U	1.84 U	1.75 U	0.23 J	1.4 U	2.08 U
Silver	2	110	8.3	MG/KG	0.4 U	0.459 U	0.438 U	0.41 U	0.44 U	0.519 U
Sodium	--	--	--	MG/KG	83 J	76.6 J	114 J	74.6 J	110 U	26.8 J
Thallium	--	--	--	MG/KG	2.6	1.44 J	0.321 J	0.17 J	0.053 J	0.513 J
Vanadium	--	--	--	MG/KG	66.3	45.9	34	30.2	8.2	48.2
Zinc	**109**	6600	2480	MG/KG	**212**	**141**	**177**	64.5	52.6	**260**

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-7	RISB-7	RISB-7	RISB-7	RISB-8	RISB-8
				Sample Date:	09/05/2024	12/03/2025	12/03/2025	09/13/2024	09/06/2024	09/06/2024
				Sample Depth (ft bls):	0 - 2	2 - 4	4 - 6	19 - 21	0 - 2	2 - 4
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	7060	4280	2940	10400	8990	9430
Antimony	--	--	--	MG/KG	1.47 J	1.5	1.1 U	5.62 U	0.924 J	1.21 J
Arsenic	**13**	16	16	MG/KG	9.76	1.6	0.15 J	1.12 J+	4.68	5.09
Barium	**410**	410	820	MG/KG	409	120	4	13	157	**453**
Beryllium	**4.4**	43	47	MG/KG	1.03	0.86	1	**6.13**	1.07	1.27
Cadmium	2.5	2.5	7.5	MG/KG	0.732 J	0.23 J	0.54 U	0.775 J	1.23	0.557 J
Calcium	--	--	--	MG/KG	24600	8220	3020	1730	8860	41300
Chromium III	**30**	110	--	MG/KG	NA	6.1	2.1	NA	NA	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.922 U	1.2 U	1.1 U	**1.08 J-**	0.882 U	**6.36**
Chromium, Total	**30**	110	--	MG/KG	18.5	6.1	2.1 J	**42.1**	17.6	20.5
Cobalt	--	--	--	MG/KG	7.88	3.3	1.6	42.7	6.65	9.56
Copper	**50**	280	1720	MG/KG	**58.4**	12	2.3	19.3	25.1	**76.4**
Cyanide	2.3	13	40	MG/KG	NA	0.26 U	0.27 U	NA	NA	NA
Iron	--	--	--	MG/KG	26500	7550	1560	57300	18800	22200
Lead	**63**	400	450	MG/KG	**427**	**217**	6.9	36	**150**	**553**
Magnesium	--	--	--	MG/KG	9490	2910	761	1520	6100	17400
Manganese	**1600**	2000	2000	MG/KG	422	143	78	258	445	555
Mercury	**0.18**	0.3	0.73	MG/KG	**0.581**	0.096	0.019 U	0.095 U	0.173	**2.03**
Nickel	**30**	320	130	MG/KG	14.1	4.6	1.5 J	25.6	11.6	13.2
Potassium	--	--	--	MG/KG	802	303	246	96.6 J	558	867
Selenium	3.9	110	4	MG/KG	0.481 J	1.4 U	1.4 U	2.25 U	0.455 J	0.451 J
Silver	2	110	8.3	MG/KG	0.443 U	0.44 U	0.44 U	0.562 U	0.418 U	0.418 U
Sodium	--	--	--	MG/KG	119 J	53.2 J	109 U	58.8 J	40.3 J	110 J
Thallium	--	--	--	MG/KG	1.77 U	0.048 J	0.44 U	0.41 J	1.67 U	0.318 J
Vanadium	--	--	--	MG/KG	30.9	8.3	2.4	31.8	30.2	29.5
Zinc	**109**	6600	2480	MG/KG	**365**	97.6	10.1	**516**	**150**	**424**

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-8	RISB-8	RISB-8	RISB-8	RISB-9	RISB-9
				Sample Date:	09/06/2024	12/02/2025	12/02/2025	12/02/2025	09/05/2024	09/05/2024
				Sample Depth (ft bls):	4 - 6	6 - 8	8 - 10	10 - 12	0 - 2	2 - 4
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	8360	1630	605	472	11600	9240
Antimony	--	--	--	MG/KG	1.34 J	1.3 U	0.79 U	0.86 U	4.37 U	4.13 U
Arsenic	**13**	16	16	MG/KG	6.23	0.52 J	0.27 J	0.28 J	4.75	2.18
Barium	**410**	410	820	MG/KG	**537**	4.9	1.6	1.9	47.7	50.8
Beryllium	**4.4**	43	47	MG/KG	1.41	0.67	0.12 J	0.1 J	0.692	1.46
Cadmium	2.5	2.5	7.5	MG/KG	0.429 J	0.65 U	0.39 U	0.43 U	0.875 U	0.129 J
Calcium	--	--	--	MG/KG	65400	883	214	207	1010	663
Chromium III	**30**	110	--	MG/KG	NA	21.2	2	4	NA	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	NA	1.6 U	0.36 J	1.1 U	0.905 U	0.68 J+
Chromium, Total	**30**	110	--	MG/KG	23.7	21.2	2.4	4	20	24.5
Cobalt	--	--	--	MG/KG	10.4	1.4	0.5 J	0.54 J	8.83	12.2
Copper	**50**	280	1720	MG/KG	**53.4**	10.8	1.7	1.3 J	13.2	18.5
Cyanide	2.3	13	40	MG/KG	NA	0.35 U	0.21 U	0.24 U	NA	NA
Iron	--	--	--	MG/KG	22800	2670	360	216	19900	24900
Lead	**63**	400	450	MG/KG	**416**	3.9	0.56	0.52	15.3	5.24
Magnesium	--	--	--	MG/KG	29000	228	50.9 J	46.9 J	3080	3980
Manganese	**1600**	2000	2000	MG/KG	530	17.5	10.5	8.2	532	713
Mercury	**0.18**	0.3	0.73	MG/KG	**0.389**	0.028 U	0.015 U	0.017 U	0.072 U	0.069 U
Nickel	**30**	320	130	MG/KG	14.1	0.88 J	0.15 J	0.23 J	14.1	14.5
Potassium	--	--	--	MG/KG	1100	93.4 J	25.5 J	31.9 J	668	2210
Selenium	3.9	110	4	MG/KG	1.75 U	1.6 U	0.99 U	1.1 U	1.75 U	1.65 U
Silver	2	110	8.3	MG/KG	0.438 U	0.52 U	0.32 U	0.34 U	0.437 U	0.413 U
Sodium	--	--	--	MG/KG	124 J	130 U	78.9 U	85.7 U	42.7 J	35.2 J
Thallium	--	--	--	MG/KG	1.75 U	0.52 U	0.32 U	0.34 U	1.75 U	0.458 J
Vanadium	--	--	--	MG/KG	29.9	6.8	1.4 J	0.96 J	30.7	35.4
Zinc	**109**	6600	2480	MG/KG	**512**	7.1 J	4 J	3.2 J	40.7	62.1

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: RISB-10	RISB-10	RISB-10	RISB-10	RISB-10	RISB-10
					Sample Date: 09/05/2024	09/05/2024	12/03/2025	12/03/2025	09/09/2024	09/09/2024
					Sample Depth (ft bls): 0 - 2	0 - 2	3 - 5	5 - 7	7 - 9	17 - 19
					Normal Sample or Field Duplicate: N	FD	N	N	N	N
Aluminum	--	--	--	MG/KG	8550	7950	11700	9770	15300	16400
Antimony	--	--	--	MG/KG	0.35 J	0.427 J	1.1 UJ	0.94 U	0.507 J	9.05 U
Arsenic	**13**	16	16	MG/KG	5.12	5.96	2.5	1.9	2.62	0.955 J
Barium	**410**	410	820	MG/KG	30	29.3	44.1	73.1	28.8	61.1
Beryllium	**4.4**	43	47	MG/KG	0.257 J	0.249 J	0.56	0.55	**10.2**	**10**
Cadmium	2.5	2.5	7.5	MG/KG	0.227 J	0.23 J	0.54 U	0.23 J	0.623 J	0.964 J
Calcium	--	--	--	MG/KG	1210	1240	1710	1810	2190	1790
Chromium III	**30**	110	--	MG/KG	NA	NA	20.7	23	NA	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.922 U	0.911 U	1.1 U	0.43 J	0.932 U	0.913 U
Chromium, Total	**30**	110	--	MG/KG	14.8	16.8	20.7	23.4	29.2	**40.2**
Cobalt	--	--	--	MG/KG	1.94	1.95	7.1	7.1	55.5	52.8
Copper	**50**	280	1720	MG/KG	11.8	11.4	20.4 J	19.7	38.1	49.8
Cyanide	2.3	13	40	MG/KG	NA	NA	0.25 U	0.22 U	NA	NA
Iron	--	--	--	MG/KG	11800	11000	18600	17800	33800	35500
Lead	**63**	400	450	MG/KG	40.7	43.1	6.6 J	4.4	37.9	33.4
Magnesium	--	--	--	MG/KG	889	870	3550	3480	17600	10100
Manganese	**1600**	2000	2000	MG/KG	164	161	319	300	1100	**2610**
Mercury	**0.18**	0.3	0.73	MG/KG	0.086	0.085	0.014 J	0.016 J	0.075 U	0.079 U
Nickel	**30**	320	130	MG/KG	5.62	5.49	15.6	17.3	**43**	**57.5**
Potassium	--	--	--	MG/KG	274	257	1310	968	1350	6150
Selenium	3.9	110	4	MG/KG	0.561 J	0.589 J	0.14 J	1.2 U	1.81 U	3.62 U
Silver	2	110	8.3	MG/KG	0.435 U	0.441 U	0.43 U	0.38 U	0.453 U	0.905 U
Sodium	--	--	--	MG/KG	18.5 J	18.8 J	79.8 J	103	154 J	54.9 J
Thallium	--	--	--	MG/KG	1.74 U	1.76 U	0.13 J	0.1 J	2.22	3.44 J
Vanadium	--	--	--	MG/KG	19.9	19.5	27.9	26.5	47.9	38.4
Zinc	**109**	6600	2480	MG/KG	48.8	47.9	33.4	33.5	**514**	**390**

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-11	RISB-11	RISB-12	RISB-12	RISB-12	RISB-13
				Sample Date:	09/04/2024	09/09/2024	09/04/2024	09/04/2024	09/09/2024	09/04/2024
				Sample Depth (ft bls):	0 - 2	13 - 15	0 - 2	2 - 4	4 - 6	0 - 2
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	9410	6370	9160	9630	5920	9680
Antimony	--	--	--	MG/KG	4.17 U	3.92 U	1.24 J	1.1 J	4.01 U	4.36 U
Arsenic	**13**	16	16	MG/KG	2.85	2.05	5.06	4.85	1.37	5.26
Barium	**410**	410	820	MG/KG	43.6	31.6	89.7	98.3	24.6	74
Beryllium	**4.4**	43	47	MG/KG	0.927	0.579	1.07	0.861	1.04	0.66
Cadmium	2.5	2.5	7.5	MG/KG	0.115 J	0.784 U	0.367 J	0.208 J	0.802 U	0.359 J
Calcium	--	--	--	MG/KG	2320	30900	10100	24000	42800	8710
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.877 U	0.815 U	0.89 U	0.877 U	0.83 U	0.891 U
Chromium, Total	**30**	110	--	MG/KG	20.1	17.9	23.1	29.1	14.1	16.1
Cobalt	--	--	--	MG/KG	8.51	6.51	8.69	7.54	6.59	5.03
Copper	**50**	280	1720	MG/KG	14.1	16.5	**52.3**	49.3	14.6	18.6
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	NA	NA	NA
Iron	--	--	--	MG/KG	17600	13500	21300	18900	14300	15700
Lead	**63**	400	450	MG/KG	29.9	14.5	**169**	**309**	4.84	**95.6 J**
Magnesium	--	--	--	MG/KG	3630	20600	6440	5210	20800	4450
Manganese	**1600**	2000	2000	MG/KG	412	364	521	442	390	325
Mercury	**0.18**	0.3	0.73	MG/KG	0.074 J	0.07 U	0.175	0.154	0.075 U	0.139
Nickel	**30**	320	130	MG/KG	11.8	11.2	13.5	16.2	10.2	11.2
Potassium	--	--	--	MG/KG	694	961	1080	1300	1530	605
Selenium	3.9	110	4	MG/KG	1.67 U	1.57 U	0.289 J	0.298 J	1.6 U	0.491 J
Silver	2	110	8.3	MG/KG	0.417 U	0.392 U	0.431 U	0.435 U	0.401 U	0.436 U
Sodium	--	--	--	MG/KG	35.9 J	96 J	75.4 J	121 J	67 J	60.8 J
Thallium	--	--	--	MG/KG	0.467 J	0.452 J	0.509 J	0.694 J	0.539 J	0.57 J
Vanadium	--	--	--	MG/KG	25.8	21.6	30.9	26.8	19	25.3
Zinc	**109**	6600	2480	MG/KG	56	34.9	**179**	**152**	46.3	96.1 J

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13	RISB-13
				Sample Date:	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/09/2024
				Sample Depth (ft bls):	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	17 - 19
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	9080	11200	13900	5680	6690	34100
Antimony	--	--	--	MG/KG	0.62 J	0.35 J	0.25 J	0.97 U	0.98 U	10.2 U
Arsenic	**13**	16	16	MG/KG	6.5	5.8	6.3	1.7	2.9	1.95 J
Barium	**410**	410	820	MG/KG	133	139	140	30.8	49	20.3
Beryllium	**4.4**	43	47	MG/KG	0.72	1.6	2.5	1.4	2.1	**25.5**
Cadmium	2.5	2.5	7.5	MG/KG	0.65	0.59	0.68	0.19 J	0.34 J	1.05 J
Calcium	--	--	--	MG/KG	20600	26500	22200	10000	36700	6160
Chromium III	**30**	110	--	MG/KG	23.3	27.3	26.6	15.6	17	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	1.1 U	1.1 U	1.2 U	1 U	1.1 U	1.04 U
Chromium, Total	**30**	110	--	MG/KG	23.3	27.3	26.6	15.6	17	**38.9**
Cobalt	--	--	--	MG/KG	7.2	11.2	14.4	10.6	15	38.7
Copper	**50**	280	1720	MG/KG	38.8	38.2	35	17.8	19.9	42.8
Cyanide	2.3	13	40	MG/KG	0.25 U	0.17 J	0.25 U	0.22 U	0.25 U	NA
Iron	--	--	--	MG/KG	21400	28600	30600	25500	28500	33000
Lead	**63**	400	450	MG/KG	**239**	**267**	**240**	8.6	26.7	27.3
Magnesium	--	--	--	MG/KG	6840	11800	14000	8010	11300	64800
Manganese	**1600**	2000	2000	MG/KG	370	694	997	584	762	740
Mercury	**0.18**	0.3	0.73	MG/KG	0.15	**0.21**	0.15	0.016 U	0.017 J	0.092 U
Nickel	**30**	320	130	MG/KG	16.3	18.1	19.4	12.4	12.3	**39.3**
Potassium	--	--	--	MG/KG	778	1640	2080	1690	2620	242 J
Selenium	3.9	110	4	MG/KG	1.3 U	1.2 U	1.4 U	1.2 U	1.2 U	4.06 U
Silver	2	110	8.3	MG/KG	0.15 J	0.14 J	0.12 J	0.39 U	0.39 U	1.02 U
Sodium	--	--	--	MG/KG	180	194	153	152	151	183 J
Thallium	--	--	--	MG/KG	0.14 J	0.22 J	0.46	0.18 J	0.22 J	1.22 J
Vanadium	--	--	--	MG/KG	33.6	34.3	40.2	21	25.7	36.8
Zinc	**109**	6600	2480	MG/KG	**198**	**189**	**255**	51.3	65.5	**117**

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: RISB-13	RISB-14	RISB-14	RISB-14	RISB-14	RISB-14
					Sample Date: 09/09/2024	09/04/2024	12/04/2025	12/04/2025	12/04/2025	09/09/2024
					Sample Depth (ft bls): 19 - 21	0 - 2	3 - 5	5 - 7	7 - 9	9 - 11
					Normal Sample or Field Duplicate: N	N	N	N	N	N
Aluminum	--	--	--	MG/KG	24200	10200	40200	28800	28500	16800
Antimony	--	--	--	MG/KG	0.389 J	0.501 J	1.1 U	1.1 U	1 U	4.22 U
Arsenic	**13**	16	16	MG/KG	1.74	6.84	1.5	0.77 J	0.55 J	0.313 J
Barium	**410**	410	820	MG/KG	103	231	58.1	110	136	72.4
Beryllium	**4.4**	43	47	MG/KG	**8.44**	1.11	**9.2**	**8.8**	**6.7**	**5.85**
Cadmium	2.5	2.5	7.5	MG/KG	0.541 J	0.467 J	0.71	0.36 J	0.16 J	0.173 J
Calcium	--	--	--	MG/KG	2830	18800	13800	3880	3590	2960
Chromium III	**30**	110	--	MG/KG	NA	NA	**40.3**	**45**	**47.1**	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.911 U	0.904 U	1.2 U	1.1 U	1.1 U	0.271 J
Chromium, Total	**30**	110	--	MG/KG	**46.8**	20.7	**40.3**	**45**	**47.1**	**34.5**
Cobalt	--	--	--	MG/KG	7.69	7.55	19.6	19.4	15.1	12.1
Copper	**50**	280	1720	MG/KG	17.5	40	22.2	22.2	22.4	18.3
Cyanide	2.3	13	40	MG/KG	NA	NA	0.27 U	0.25 U	0.26 U	NA
Iron	--	--	--	MG/KG	34900	21100	44300	33600	36800	23600
Lead	**63**	400	450	MG/KG	20	**284**	12.8	7.2	10.8	7.46
Magnesium	--	--	--	MG/KG	15600	9040	75300	18100	12800	9120
Manganese	**1600**	2000	2000	MG/KG	247	516	1230	294	171	126
Mercury	**0.18**	0.3	0.73	MG/KG	0.077 U	**0.529**	0.022	0.014 J	0.018 U	0.069 U
Nickel	**30**	320	130	MG/KG	16.8	12.5	26.8	26.2	22.8	18.1
Potassium	--	--	--	MG/KG	10400	823	3040	8630	12200	9110
Selenium	3.9	110	4	MG/KG	1.74 U	0.641 J	1.4 U	1.4 U	1.3 U	1.69 U
Silver	2	110	8.3	MG/KG	0.435 U	0.438 U	0.44 U	0.43 U	0.4 U	0.422 U
Sodium	--	--	--	MG/KG	155 J	91 J	101 J	86.2 J	107	86 J
Thallium	--	--	--	MG/KG	5.22 J	0.56 J	0.75	2.6	2.1	2.58 J
Vanadium	--	--	--	MG/KG	50.3	30.9	52.5	55.3	61.8	48
Zinc	**109**	6600	2480	MG/KG	**139**	**252**	**196**	**187**	**113**	85.1

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-14	RISB-15	RISB-15	RISB-15	RISB-15	RISB-15
				Sample Date:	09/09/2024	09/06/2024	09/12/2024	09/12/2024	12/04/2025	12/04/2025
				Sample Depth (ft bls):	13 - 15	0 - 2	5 - 7	7 - 9	9 - 11	11 - 13
				Normal Sample or Field Duplicate:	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	18100	10800	5960	8860	5540	1940
Antimony	--	--	--	MG/KG	0.357 J	0.558 J	0.708 J	8.43 U	0.23 J	0.92 U
Arsenic	**13**	16	16	MG/KG	1.11	4.57	9.14	2.76	6.9	0.46 J
Barium	**410**	410	820	MG/KG	69.8	212	216	44.1	**2150**	6
Beryllium	**4.4**	43	47	MG/KG	**8.22**	1.2	0.582 J	2.18	0.67	0.75
Cadmium	2.5	2.5	7.5	MG/KG	0.206 J	0.272 J	1.75 U	1.68 U	0.56	0.46 U
Calcium	--	--	--	MG/KG	27400	27600	112000	128000	142000	176000
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	NA	11.7	2 U
Chromium, Hexavalent	**1**	1	19	MG/KG	0.934 U	0.87	0.904 UJ	NA	**11.8**	1 U
Chromium, Total	**30**	110	--	MG/KG	26.5	22.6	17.7	9.66	23.4	1.9
Cobalt	--	--	--	MG/KG	17.5	8.52	5.26	4.86	4	2.1
Copper	**50**	280	1720	MG/KG	41.1	**138**	22.7	10.1	11.1	1.8
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	NA	0.65	0.22 U
Iron	--	--	--	MG/KG	23500	20200	9790	13100	8610	5620
Lead	**63**	400	450	MG/KG	11.7	**368**	**2840**	38.1	**2910**	6.4
Magnesium	--	--	--	MG/KG	34000	13400	27500	75700	37400	98600
Manganese	**1600**	2000	2000	MG/KG	504	607	264	861	375	645
Mercury	**0.18**	0.3	0.73	MG/KG	0.076 U	0.142	**0.743**	0.068 J	**0.24**	0.018 U
Nickel	**30**	320	130	MG/KG	17.9	15.5	8.15	7.2	5.6	2.1
Potassium	--	--	--	MG/KG	5010	1600	983	469	786	65.3 J
Selenium	3.9	110	4	MG/KG	1.76 U	0.283 J	0.708 J	3.37 U	1.3 U	1.2 U
Silver	2	110	8.3	MG/KG	0.44 U	0.422 U	0.874 U	0.843 U	0.1 J	0.37 U
Sodium	--	--	--	MG/KG	95.7 J	163 J	352	322 J	381	69.8 J
Thallium	--	--	--	MG/KG	1.95 J	0.342 J	3.5 U	3.37 U	0.091 J	0.067 J
Vanadium	--	--	--	MG/KG	30.4	34.3	17.8	31.6	27.8	12.7
Zinc	**109**	6600	2480	MG/KG	**319**	**186**	**934**	**119**	**918**	50.6

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-16	RISB-16	RISB-17	RISB-17	RISB-17	RISB-17
				Sample Date:	09/06/2024	09/06/2024	09/10/2024	12/03/2025	12/03/2025	12/03/2025
				Sample Depth (ft bls):	0 - 2	3 - 5	0 - 2	2 - 4	4 - 6	4 - 6
				Normal Sample or Field Duplicate:	N	N	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
Aluminum	--	--	--	MG/KG	7230	902	7280	18700	17000	19100
Antimony	--	--	--	MG/KG	0.748 J	4.56 U	4.25 U	1.3 U	1.3 U	1.3 U
Arsenic	**13**	16	16	MG/KG	5.76	0.436 J	5.78	5.6	**19.6**	**20.7**
Barium	**410**	410	820	MG/KG	191	8.5	146	58	54.3	66.4
Beryllium	**4.4**	43	47	MG/KG	0.745	0.247 J	1.28	**10.8**	**12.2**	**11.2**
Cadmium	2.5	2.5	7.5	MG/KG	0.366 J	0.913 U	0.51 J	0.95	1.2	1.2
Calcium	--	--	--	MG/KG	23400	1230	19700	17900	4090	3420
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	**61**	**58.3**	**67**
Chromium, Hexavalent	**1**	1	19	MG/KG	0.929 U	0.952 U	0.899 U	1.4 U	0.49 J	0.52 J
Chromium, Total	**30**	110	--	MG/KG	21.3	2.16	18.4	**61**	**58.8**	**67.5**
Cobalt	--	--	--	MG/KG	5.34	1.01 J	9.04	43.5	48.5	49.5
Copper	**50**	280	1720	MG/KG	26.8	2.44	24.7	16.5	22.7	27.3
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	0.32 U	0.28 U	0.32 U
Iron	--	--	--	MG/KG	15800	1060	27800	177000	233000	229000
Lead	**63**	400	450	MG/KG	**172**	15.8	**150**	32.2	42.4	50.3
Magnesium	--	--	--	MG/KG	8260	822	11200	10600	2920	2180
Manganese	**1600**	2000	2000	MG/KG	316	30.3	483	661	1170	853
Mercury	**0.18**	0.3	0.73	MG/KG	**0.268**	0.076 U	**0.232**	0.024 U	0.023 U	0.024 U
Nickel	**30**	320	130	MG/KG	10.1	3.39	11.4	19.3	23.1	26.5
Potassium	--	--	--	MG/KG	694	155 J	746	626	494	501
Selenium	3.9	110	4	MG/KG	0.532 J	0.425 J	0.26 J	1.6 U	1.6 U	0.17 J
Silver	2	110	8.3	MG/KG	0.45 U	0.456 U	0.263 J	0.5 U	0.5 U	0.53 U
Sodium	--	--	--	MG/KG	59.7 J	10.2 J	57.5 J	62.4 J	126 U	131 U
Thallium	--	--	--	MG/KG	1.8 U	1.82 U	0.52 J	0.088 J	0.16 J	0.12 J
Vanadium	--	--	--	MG/KG	27.1	2.23	25	54.1	110	138
Zinc	**109**	6600	2480	MG/KG	**286**	14.3	**282**	**345**	**582**	**605**

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	Sample Designation: RISB-17	RISB-17	RISB-18	RISB-18	RISB-18	RISB-18
					Sample Date: 12/03/2025	09/10/2024	09/05/2024	12/02/2025	12/02/2025	12/02/2025
					Sample Depth (ft bls): 6 - 8	12 - 14	0 - 2	2 - 4	4 - 6	6 - 8
					Normal Sample or Field Duplicate: N	N	N	N	N	N
Aluminum	--	--	--	MG/KG	19400	858	7010	6100	2160	2280
Antimony	--	--	--	MG/KG	1.2 U	4.45 U	4.41 U	2.9	1.1 U	0.32 J
Arsenic	**13**	16	16	MG/KG	**13.9**	0.89 U	3.42	10.7	1.1	4.9
Barium	**410**	410	820	MG/KG	50.8	5.31	223	347	3.8	29.3
Beryllium	**4.4**	43	47	MG/KG	**7.4**	2.68	0.836	0.75	2	1.9
Cadmium	2.5	2.5	7.5	MG/KG	0.44 J	0.89 U	0.882 U	1.6	0.54 U	0.16 J
Calcium	--	--	--	MG/KG	2790	461	77700	14300	511	8470
Chromium III	**30**	110	--	MG/KG	29.7	NA	NA	23	**35.3**	23.9
Chromium, Hexavalent	**1**	1	19	MG/KG	0.48 J	0.92	0.91 U	1.3 U	1.4 U	1.4 U
Chromium, Total	**30**	110	--	MG/KG	**30.2**	**45**	13.6	23	**35.3**	23.9
Cobalt	--	--	--	MG/KG	39.2	2.09	4.95	7.9	4.6	3.4
Copper	**50**	280	1720	MG/KG	14.7	17.4	**50.5**	**66.1**	20.1	26
Cyanide	2.3	13	40	MG/KG	0.29 U	NA	NA	0.5	0.23 J	0.33 U
Iron	--	--	--	MG/KG	147000	13600	13100	22400	11800	13900
Lead	**63**	400	450	MG/KG	21.8	3.06 J	**100**	**589**	9.5	**72.2**
Magnesium	--	--	--	MG/KG	1670	241	37700	4100	244	2440
Manganese	**1600**	2000	2000	MG/KG	242	6.73	368	312	23.8	114
Mercury	**0.18**	0.3	0.73	MG/KG	0.023 U	0.073 U	0.147	**37.9**	0.024 U	0.15
Nickel	**30**	320	130	MG/KG	24.4	5.49	11.7	**32**	8.7	9.1
Potassium	--	--	--	MG/KG	618	116 J	968	785	194	219
Selenium	3.9	110	4	MG/KG	1.5 U	1.78 U	1.76 U	1.2 J	1.3 U	0.18 J
Silver	2	110	8.3	MG/KG	0.49 U	0.445 U	0.441 U	0.38 J	0.43 U	0.44 U
Sodium	--	--	--	MG/KG	62.4 J	3.07 J	77.3 J	126	107 U	111 U
Thallium	--	--	--	MG/KG	0.27 J	1.78 U	0.293 J	0.21 J	0.43 U	0.44 U
Vanadium	--	--	--	MG/KG	80.3	34.9	33.1	545	44.8	62.4
Zinc	**109**	6600	2480	MG/KG	**315**	21.4	**178**	**373**	40.2	58.8

Table 4. Summary of Metals in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-18	RISB-18	RISB-19	RISB-19	RISB-19
				Sample Date:	09/12/2024	09/12/2024	09/10/2024	12/02/2025	09/12/2024
				Sample Depth (ft bls):	8 - 10	8 - 10	0 - 2	3 - 5	5 - 7
				Normal Sample or Field Duplicate:	N	FD	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
Aluminum	--	--	--	MG/KG	5410 J	1480 J	7680	10700	6150
Antimony	--	--	--	MG/KG	5.26 U	1.51 J	4.22 U	0.31 J	16.1 U
Arsenic	**13**	16	16	MG/KG	1.05 U	0.47 J	4.54	4.9	3.23 U
Barium	**410**	410	820	MG/KG	28.2 J	16 J	50.1	105	11
Beryllium	**4.4**	43	47	MG/KG	2.68	2.1	0.292 J	3	2.08
Cadmium	2.5	2.5	7.5	MG/KG	1.05 U	1.03 U	0.281 J	0.28 J	3.23 U
Calcium	--	--	--	MG/KG	1270	882	2280	17800	173000
Chromium III	**30**	110	--	MG/KG	NA	NA	NA	21.7	NA
Chromium, Hexavalent	**1**	1	19	MG/KG	0.946 J-	0.406 J-	0.887 U	1.1 U	0.813 UJ
Chromium, Total	**30**	110	--	MG/KG	**36.2 J**	10.7 J	9.43	21.7	7.29
Cobalt	--	--	--	MG/KG	9.83 J	33.5 J	2.65	14	3.32 J
Copper	**50**	280	1720	MG/KG	47.5 J	**103 J**	16.5	16.6	3.12 J
Cyanide	2.3	13	40	MG/KG	NA	NA	NA	0.13 J	NA
Iron	--	--	--	MG/KG	42200 J	27200 J	11400	57500	17000
Lead	**63**	400	450	MG/KG	12.2	11.7	**70.2**	**110**	2.99 J
Magnesium	--	--	--	MG/KG	636 J	210 J	1140	10600	89700
Manganese	**1600**	2000	2000	MG/KG	119 J	314 J	211	762	711
Mercury	**0.18**	0.3	0.73	MG/KG	0.098 U	0.085 U	0.126	0.13	0.073 U
Nickel	**30**	320	130	MG/KG	13.1	10.2	6.98 J	15.1	3.75 J
Potassium	--	--	--	MG/KG	608 J	100 J	203 J	1160	149 J
Selenium	3.9	110	4	MG/KG	0.856 J	0.66 J	0.61 J	0.33 J	1.46 J
Silver	2	110	8.3	MG/KG	0.526 U	0.516 U	0.422 U	0.35 U	1.61 U
Sodium	--	--	--	MG/KG	25.4 J	6.49 J	21.8 J	54.1 J	58.4 J
Thallium	--	--	--	MG/KG	2.1 U	2.06 U	1.69 U	0.14 J	6.46 U
Vanadium	--	--	--	MG/KG	62.4	59.8	24.2	31.7	7.86
Zinc	**109**	6600	2480	MG/KG	**169 J**	82.4 J	79.3	**142**	21

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-1	RISB-1	RISB-2	RISB-2	RISB-3	RISB-3
			Sample Date:		09/06/2024	09/18/2024	09/10/2024	09/17/2024	09/10/2024	09/10/2024
			Sample Depth (ft bls):		0 - 2	5 - 7	0 - 2	7 - 9	0 - 2	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.062	0.0507 U	0.0183 J	0.0201 J
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0524 U	0.0542 U	0.0531 U	0.0507 U	0.0543 U	0.0532 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.00614 J	0.0542 U	0.023 J	0.0507 U	0.00642 J	0.00957 J
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.00614 J	0.0542 U	0.085 J	0.0507 U	0.0247 J	0.0297 J

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-3	RISB-4	RISB-4	RISB-5	RISB-5	RISB-5
			Sample Date:		09/17/2024	09/04/2024	09/13/2024	12/04/2025	12/04/2025	12/04/2025
			Sample Depth (ft bls):		5 - 7	0 - 2	20 - 22	0 - 2	2 - 4	2 - 4
			Normal Sample or Field Duplicate:		N	N	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0542 U	0.0522 U	0.056 U	0.067 U	0.067 U	0.067 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-5	RISB-5	RISB-5	RISB-5	RISB-6	RISB-6
			Sample Date:		12/04/2025	12/04/2025	12/04/2025	09/17/2024	09/05/2024	09/13/2024
			Sample Depth (ft bls):		4 - 6	6 - 8	8 - 10	17 - 19	0 - 2	15 - 17
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0113 J	0.0641 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0537 U	0.0641 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.068 U	0.067 U	0.073 U	0.0565 U	0.0113 J	0.0641 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-7	RISB-7	RISB-8	RISB-8	RISB-9	RISB-9
			Sample Date:		09/05/2024	09/13/2024	09/06/2024	09/06/2024	09/05/2024	09/05/2024
			Sample Depth (ft bls):		0 - 2	19 - 21	0 - 2	2 - 4	0 - 2	2 - 4
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0407 J	0.0684 U	0.164	0.12	0.0548 U	0.0504 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0553 U	0.0684 U	0.0507 U	0.0538 U	0.0548 U	0.0504 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.0331 J	0.0684 U	0.0507 U	0.0553	0.0548 U	0.0504 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0738 J	0.0684 U	**0.164**	**0.175**	0.0548 U	0.0504 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-10	RISB-10	RISB-10	RISB-10	RISB-11	RISB-11
			Sample Date:		09/05/2024	09/05/2024	09/09/2024	09/09/2024	09/04/2024	09/09/2024
			Sample Depth (ft bls):		0 - 2	0 - 2	7 - 9	17 - 19	0 - 2	13 - 15
			Normal Sample or Field Duplicate:		N	FD	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0269 J	0.0247 J	0.0313 J	0.0549 U	0.0119 J	0.0501 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0544 U	0.0568 U	0.0574 U	0.0549 U	0.0546 U	0.0501 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.01 J	0.0125 J	0.0133 J	0.0549 U	0.0546 U	0.0501 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0369 J	0.0372 J	0.0446 J	0.0549 U	0.0119 J	0.0501 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-12	RISB-12	RISB-12	RISB-13	RISB-13	RISB-13
			Sample Date:		09/04/2024	09/04/2024	09/09/2024	09/04/2024	09/09/2024	09/09/2024
			Sample Depth (ft bls):		0 - 2	2 - 4	4 - 6	0 - 2	17 - 19	19 - 21
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.00848 J	0.0531 U	0.0512 U	0.0521 U	0.0152 J	0.0548 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0146 J	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.0516 U	0.0531 U	0.0512 U	0.0521 U	0.0634 U	0.0548 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0231 J	0.0531 U	0.0512 U	0.0521 U	0.0152 J	0.0548 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-14	RISB-14	RISB-14	RISB-15	RISB-15	RISB-16
			Sample Date:		09/04/2024	09/09/2024	09/09/2024	09/06/2024	09/12/2024	09/06/2024
			Sample Depth (ft bls):		0 - 2	9 - 11	13 - 15	0 - 2	5 - 7	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0146 J	0.0515 U	0.0113 J	0.053 U	0.0553 U	0.0544 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0166 J	0.0515 U	0.0566 U	0.053 U	0.0329 J	0.0164 J
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0528 U	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0544 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.00841 J	0.0515 U	0.0566 U	0.053 U	0.0553 U	0.0074 J
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0396 J	0.0515 U	0.0113 J	0.053 U	0.0329 J	0.0238 J

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-16	RISB-17	RISB-17	RISB-18	RISB-18	RISB-18
				Sample Date:	09/06/2024	09/10/2024	09/10/2024	09/05/2024	09/12/2024	09/12/2024
				Sample Depth (ft bls):	3 - 5	0 - 2	12 - 14	0 - 2	8 - 10	8 - 10
				Normal Sample or Field Duplicate:	N	N	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units						
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0588 U	0.0108 J	0.0562 U	0.0136 J	0.0665 U	0.0657 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.0519 U	0.0665 U	0.0657 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.0588 U	0.0552 U	0.0562 U	0.00551 J	0.0665 U	0.0657 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.0588 U	0.0108 J	0.0562 U	0.0191 J	0.0665 U	0.0657 U

Table 5. Summary of Polychlorinated Biphenyls in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-19	RISB-19
				Sample Date:	09/10/2024	09/12/2024
				Sample Depth (ft bls):	0 - 2	5 - 7
				Normal Sample or Field Duplicate:	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units		
PCB-1016 (Aroclor 1016)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1221 (Aroclor 1221)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1232 (Aroclor 1232)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1242 (Aroclor 1242)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1248 (Aroclor 1248)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1254 (Aroclor 1254)	--	--	--	MG/KG	0.00948 J	0.0467 U
PCB-1260 (Aroclor 1260)	--	--	--	MG/KG	0.0175 J	0.0467 U
PCB-1262 (Aroclor 1262)	--	--	--	MG/KG	0.0554 U	0.0467 U
PCB-1268 (Aroclor 1268)	--	--	--	MG/KG	0.0554 U	0.0467 U
Polychlorinated Biphenyl (PCBs)	**0.1**	1	3.2	MG/KG	0.027 J	0.0467 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-1	RISB-1	RISB-2	RISB-2	RISB-3
			Sample Date:		09/06/2024	09/18/2024	09/10/2024	09/17/2024	09/10/2024
			Sample Depth (ft bls):		0 - 2	5 - 7	0 - 2	7 - 9	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.181 U	0.19 U	0.183 U	0.182 U	0.179 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.181 U	0.19 U	0.183 U	0.182 U	0.179 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000718 U	0.000749 U	0.000718 U	0.000702 U	0.000707 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Chlordane	--	--	--	MG/KG	0.0313 J	0.307 J	0.0144 U	0.014 U	0.0141 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00965	**0.0892**	0.007 J	0.0021 U	0.00278 J
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00108 U	**0.00557 J**	0.00108 U	0.00105 U	0.00106 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000718 U	0.000749 U	0.000718 U	0.000702 U	0.000707 U
Endrin	0.014	5.3	0.06	MG/KG	0.000718 U	0.000749 U	0.000718 U	0.000702 U	0.000707 U
Endrin Aldehyde	--	--	--	MG/KG	0.00216 U	0.00225 U	0.00215 U	0.0021 U	0.00212 U
Endrin Ketone	--	--	--	MG/KG	0.00172 U	0.0018 U	0.00172 U	0.00168 U	0.0017 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000718 U	0.000749 U	0.000718 U	0.000702 U	0.000707 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000862 U	0.000913 J	0.000861 U	0.000842 U	0.000849 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00323 U	0.00444 U	0.00323 U	0.00316 U	0.00318 U
Methoxychlor	--	--	--	MG/KG	0.00323 U	0.00337 U	0.00323 U	0.00316 U	0.00318 U
P,P'-DDD	**0.0033**	5	14	MG/KG	**0.00758**	0.00574 U	0.00172 U	0.00168 U	0.00139 J
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.044**	**0.7**	**0.0288**	0.00168 U	**0.00912 J**
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.0547**	**0.841**	**0.0295**	0.00168 U	**0.0124**
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.181 U	0.19 U	0.183 U	0.182 U	0.179 U
Toxaphene	--	--	--	MG/KG	0.0323 U	0.0337 U	0.0323 U	0.0316 U	0.0318 U
trans-Chlordane	--	--	--	MG/KG	0.0108	0.0765 J	0.00375	0.0021 U	0.00276

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-3	RISB-3	RISB-4	RISB-4	RISB-5
Sample Designation:					RISB-3	RISB-3	RISB-4	RISB-4	RISB-5
Sample Date:					09/10/2024	09/17/2024	09/04/2024	09/13/2024	12/04/2025
Sample Depth (ft bls):					0 - 2	5 - 7	0 - 2	20 - 22	0 - 2
Normal Sample or Field Duplicate:					FD	N	N	N	N
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.177 U	0.185 U	0.188 U	0.191 U	0.034 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.177 U	0.185 U	0.188 U	0.191 U	0.034 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.0067 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000699 U	0.000759 U	0.000756 U	0.000753 U	0.002 UT
Alpha Endosulfan	4.3	35	65	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.0067 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.002 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.0067 U
Chlordane	--	--	--	MG/KG	0.014 U	0.0152 U	0.0151 U	0.015 U	NA
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	0.067 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00288 J	0.00228 U	0.00227 U	0.00226 U	0.0067 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.002 UT
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00105 U	0.00114 U	0.00113 U	0.00113 U	0.002 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000699 U	0.000759 U	0.000756 U	0.000753 U	0.0067 U
Endrin	0.014	5.3	0.06	MG/KG	0.000699 U	0.000759 U	0.000756 U	0.000753 U	0.0067 U
Endrin Aldehyde	--	--	--	MG/KG	0.0021 U	0.00228 U	0.00227 U	0.00226 U	0.0067 U
Endrin Ketone	--	--	--	MG/KG	0.00168 U	0.00182 U	0.00181 U	0.00181 U	0.0067 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000699 U	0.000759 U	0.000756 U	0.000753 U	0.002 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000839 U	0.000911 U	0.000907 U	0.000903 U	0.0067 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00315 U	0.00342 U	0.0034 U	0.00339 U	0.0067 U
Methoxychlor	--	--	--	MG/KG	0.00315 U	0.00342 U	0.0034 U	0.00339 U	0.0067 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00144 J	0.00182 U	0.00181 U	0.00181 U	0.0067 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.00864 J**	0.00182 U	0.00223	0.00181 U	0.0024 J
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.0125**	0.00182 U	**0.00351**	0.00181 U	0.002 J
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.177 U	0.185 U	0.188 U	0.191 U	0.034 U
Toxaphene	--	--	--	MG/KG	0.0315 U	0.0342 U	0.034 U	0.0339 U	0.067 U
trans-Chlordane	--	--	--	MG/KG	0.0028 J	0.00228 U	0.00227 U	0.00226 U	NA

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5
Sample Designation:					RISB-5	RISB-5	RISB-5	RISB-5	RISB-5
Sample Date:					12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025
Sample Depth (ft bls):					2 - 4	2 - 4	4 - 6	6 - 8	8 - 10
Normal Sample or Field Duplicate:					N	FD	N	N	N
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.034 U	0.034 U	0.034 U	0.034 U	0.036 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.034 U	0.034 U	0.034 U	0.034 U	0.036 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.002 UT	0.002 UT	0.002 UT	0.002 UT	0.0022 UT
Alpha Endosulfan	4.3	35	65	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Beta Endosulfan	4.3	35	44	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Chlordane	--	--	--	MG/KG	NA	NA	NA	NA	NA
Chlordane (Technical)	--	--	--	MG/KG	0.067 U	0.067 U	0.068 U	0.067 U	0.073 U
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.0025 J	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.002 UT	0.002 UT	0.002 UT	0.002 UT	0.0022 UT
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Endrin	0.014	5.3	0.06	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Endrin Aldehyde	--	--	--	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Endrin Ketone	--	--	--	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.002 U	0.002 U	0.002 U	0.002 U	0.0022 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Heptachlor Epoxide	--	--	--	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
Methoxychlor	--	--	--	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.0067 U	0.0067 U	0.0068 U	0.0067 U	0.0073 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.0053 J**	**0.0038 J**	0.0068 U	0.0067 U	0.0073 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.011**	**0.01**	0.0068 U	0.0067 U	0.0073 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.034 U	0.034 U	0.034 U	0.034 U	0.036 U
Toxaphene	--	--	--	MG/KG	0.067 U	0.067 U	0.068 U	0.067 U	0.073 U
trans-Chlordane	--	--	--	MG/KG	NA	NA	NA	NA	NA

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-5	RISB-6	RISB-6	RISB-7	RISB-7
			Sample Date:		09/17/2024	09/05/2024	09/13/2024	09/05/2024	09/13/2024
			Sample Depth (ft bls):		17 - 19	0 - 2	15 - 17	0 - 2	19 - 21
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.194 U	0.193 U	0.226 U	0.192 U	0.238 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.194 U	0.193 U	0.226 U	0.192 U	0.238 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000776 U	0.000738 U	0.000881 U	0.000745 U	0.000947 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Chlordane	--	--	--	MG/KG	0.0155 U	0.0148 U	0.0176 U	0.0914	0.0189 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00233 U	0.00238 J	0.00264 U	**0.0178**	0.00284 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00116 U	0.00111 U	0.00132 U	0.0051 U	0.00142 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000776 U	0.000738 U	0.000881 U	0.000745 U	0.000947 U
Endrin	0.014	5.3	0.06	MG/KG	0.000776 U	0.000738 U	0.000881 U	0.000745 U	0.000947 U
Endrin Aldehyde	--	--	--	MG/KG	0.00233 U	0.00221 U	0.00264 U	0.00224 U	0.00284 U
Endrin Ketone	--	--	--	MG/KG	0.00186 U	0.00177 U	0.00211 U	0.00179 U	0.00227 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000776 U	0.000738 U	0.000881 U	0.000745 U	0.000947 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000931 U	0.000886 U	0.00106 U	0.000894 U	0.00114 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00349 U	0.00332 U	0.00396 U	0.00335 U	0.00426 U
Methoxychlor	--	--	--	MG/KG	0.00349 U	0.00332 U	0.00396 U	0.00335 U	0.00426 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00186 U	0.00177 U	0.00211 U	**0.00445**	0.00227 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.00186 U	**0.00374 J**	0.00109 J	**0.0208**	0.00227 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.00186 U	**0.0111**	0.00211 U	**0.0677**	0.00227 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.194 U	0.193 U	0.226 U	0.192 U	0.238 U
Toxaphene	--	--	--	MG/KG	0.0349 U	0.0332 U	0.0396 U	0.0335 U	0.0426 U
trans-Chlordane	--	--	--	MG/KG	0.00233 U	0.00221 U	0.00264 U	0.0174	0.00284 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-8	RISB-8	RISB-9	RISB-9	RISB-10
			Sample Date:		09/06/2024	09/06/2024	09/05/2024	09/05/2024	09/05/2024
			Sample Depth (ft bls):		0 - 2	2 - 4	0 - 2	2 - 4	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.179 U	0.184 U	0.186 U	0.174 U	0.188 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.179 U	0.184 U	0.186 U	0.174 U	0.188 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000716 U	0.000716 U	0.000725 U	0.000718 U	0.000766 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Chlordane	--	--	--	MG/KG	0.0143 U	0.0143 U	0.0145 U	0.0144 U	0.0153 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00215 U	0.0106	0.00217 U	0.00215 U	0.0023 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00107 U	0.00107 U	0.00109 U	0.00108 U	0.00115 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000716 U	0.000716 U	0.000725 U	0.000718 U	0.000766 U
Endrin	0.014	5.3	0.06	MG/KG	0.000716 U	0.000716 U	0.000725 U	0.000718 U	0.000766 U
Endrin Aldehyde	--	--	--	MG/KG	0.00215 U	0.00215 U	0.00217 U	0.00215 U	0.0023 U
Endrin Ketone	--	--	--	MG/KG	0.00172 U	0.00172 U	0.00174 U	0.00172 U	0.00184 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000716 U	0.000716 U	0.000725 U	0.000718 U	0.000766 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.00086 U	0.00086 U	0.00087 U	0.000862 U	0.000919 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00322 U	0.00164 J	0.00326 U	0.00323 U	0.00345 U
Methoxychlor	--	--	--	MG/KG	0.00322 U	0.00322 U	0.00326 U	0.00323 U	0.00345 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00172 U	**0.00596**	0.0016 J	0.00172 U	0.00184 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.00894**	**0.0266**	0.00174 U	0.00172 U	**0.0119**
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.0153**	**0.0965**	0.00182	0.00172 U	**0.00893**
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.179 U	0.184 U	0.186 U	0.174 U	0.188 U
Toxaphene	--	--	--	MG/KG	0.0322 U	0.0322 U	0.0326 U	0.0323 U	0.0345 U
trans-Chlordane	--	--	--	MG/KG	0.00215 U	0.0101	0.00217 U	0.00215 U	0.0023 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-10	RISB-10	RISB-10	RISB-11	RISB-11
			Sample Date:		09/05/2024	09/09/2024	09/09/2024	09/04/2024	09/09/2024
			Sample Depth (ft bls):		0 - 2	7 - 9	17 - 19	0 - 2	13 - 15
			Normal Sample or Field Duplicate:		FD	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.187 U	0.193 U	0.186 U	0.179 U	0.169 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.187 U	0.193 U	0.186 U	0.179 U	0.169 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000744 U	0.00076 U	0.000739 U	0.000727 U	0.000673 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Chlordane	--	--	--	MG/KG	0.0149 U	0.0152 U	0.0148 U	0.0145 U	0.0135 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00223 U	0.00228 U	0.00222 U	0.00218 U	0.00202 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00112 U	0.00114 U	0.00111 U	0.00109 U	0.00101 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000744 U	0.00076 U	0.000739 U	0.000727 U	0.000673 U
Endrin	0.014	5.3	0.06	MG/KG	0.000744 U	0.00076 U	0.000739 U	0.000727 U	0.000673 U
Endrin Aldehyde	--	--	--	MG/KG	0.00223 U	0.00228 U	0.00222 U	0.00218 U	0.00202 U
Endrin Ketone	--	--	--	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000744 U	0.00076 U	0.000739 U	0.000727 U	0.000673 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000893 U	0.000912 U	0.000887 U	0.000872 U	0.000808 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00335 U	0.00342 U	0.00333 U	0.00327 U	0.00303 U
Methoxychlor	--	--	--	MG/KG	0.00335 U	0.00342 U	0.00333 U	0.00327 U	0.00303 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00178 U	0.00182 U	0.00177 U	0.00174 U	0.00162 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.0105**	**0.0253**	0.00177 U	**0.00341**	0.00162 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.00893**	**0.0247**	0.00177 U	**0.0145**	0.00162 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.187 U	0.193 U	0.186 U	0.179 U	0.169 U
Toxaphene	--	--	--	MG/KG	0.0335 U	0.0342 U	0.0333 U	0.0327 U	0.0303 U
trans-Chlordane	--	--	--	MG/KG	0.00223 U	0.00246	0.00222 U	0.00218 U	0.00202 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-12	RISB-12	RISB-12	RISB-13	RISB-13
			Sample Date:		09/04/2024	09/04/2024	09/09/2024	09/04/2024	09/09/2024
			Sample Depth (ft bls):		0 - 2	2 - 4	4 - 6	0 - 2	17 - 19
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.183 U	0.18 U	0.171 U	0.182 U	0.214 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.183 U	0.18 U	0.171 U	0.182 U	0.214 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000714 U	0.000689 U	0.00067 U	0.000726 U	0.00084 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Chlordane	--	--	--	MG/KG	0.0143 U	0.0138 U	0.0134 U	0.0145 U	0.0168 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00214 U	0.000856 J	0.00201 U	0.00218 U	0.00252 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00107 U	0.00103 U	0.001 U	0.00109 U	0.00126 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000714 U	0.000689 U	0.00067 U	0.000726 U	0.00084 U
Endrin	0.014	5.3	0.06	MG/KG	0.000714 U	0.000689 U	0.00067 U	0.000726 U	0.00084 U
Endrin Aldehyde	--	--	--	MG/KG	0.00214 U	0.00207 U	0.00201 U	0.00218 U	0.00252 U
Endrin Ketone	--	--	--	MG/KG	0.00171 U	0.00165 U	0.00161 U	0.00174 U	0.00202 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000714 U	0.000689 U	0.00067 U	0.000726 U	0.00084 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000856 U	0.000826 U	0.000804 U	0.000871 U	0.00101 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00321 U	0.0031 U	0.00302 U	0.00327 U	0.00378 U
Methoxychlor	--	--	--	MG/KG	0.00321 U	0.0031 U	0.00302 U	0.00327 U	0.00378 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00098 J	0.00165 U	0.00161 U	0.00174 U	0.00202 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.023**	**0.00854**	0.00161 U	**0.00763**	0.00202 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.0608 J**	**0.00869**	0.00161 U	**0.0105**	0.00202 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.183 U	0.18 U	0.171 U	0.182 U	0.214 U
Toxaphene	--	--	--	MG/KG	0.0321 U	0.031 U	0.0302 U	0.0327 U	0.0378 U
trans-Chlordane	--	--	--	MG/KG	0.00138 J	0.00207 U	0.00201 U	0.00218 U	0.00252 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-13	RISB-14	RISB-14	RISB-14	RISB-15
			Sample Date:		09/09/2024	09/04/2024	09/09/2024	09/09/2024	09/06/2024
			Sample Depth (ft bls):		19 - 21	0 - 2	9 - 11	13 - 15	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.187 U	0.188 U	0.175 U	0.192 U	0.174 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.187 U	0.188 U	0.175 U	0.192 U	0.174 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000728 U	0.000725 U	0.00069 U	0.000762 U	0.000702 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Chlordane	--	--	--	MG/KG	0.0146 U	0.04	0.0138 U	0.0152 U	0.014 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00218 U	0.00392 J	0.00207 U	0.00228 U	0.00211 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00109 U	0.00109 U	0.00104 U	0.00114 U	0.00105 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000728 U	0.000725 U	0.00069 U	0.000762 U	0.000702 U
Endrin	0.014	5.3	0.06	MG/KG	0.000728 U	0.000725 U	0.00069 U	0.000762 U	0.000702 U
Endrin Aldehyde	--	--	--	MG/KG	0.00218 U	0.00218 U	0.00207 U	0.00228 U	0.00211 U
Endrin Ketone	--	--	--	MG/KG	0.00175 U	0.00174 U	0.00166 U	0.00183 U	0.00168 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000728 U	0.000725 U	0.00069 U	0.000762 U	0.000702 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000873 U	0.00087 U	0.000828 U	0.000914 U	0.000842 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00327 U	0.00326 U	0.00311 U	0.00343 U	0.00316 U
Methoxychlor	--	--	--	MG/KG	0.00327 U	0.00326 U	0.00311 U	0.00343 U	0.00316 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00175 U	0.00225	0.00166 U	0.00183 U	0.00217 J
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	0.00175 U	**0.0222**	0.00166 U	0.00183 U	**0.0246**
P,P'-DDT	**0.0033**	3.8	135	MG/KG	0.00175 U	**0.0368**	0.00166 U	0.00183 U	**0.0802**
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.187 U	0.188 U	0.175 U	0.192 U	0.174 U
Toxaphene	--	--	--	MG/KG	0.0327 U	0.0326 U	0.0311 U	0.0343 U	0.0316 U
trans-Chlordane	--	--	--	MG/KG	0.00218 U	0.00367 J	0.00207 U	0.00228 U	0.00211 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-15	RISB-16	RISB-16	RISB-17	RISB-17
			Sample Date:		09/12/2024	09/06/2024	09/06/2024	09/10/2024	09/10/2024
			Sample Depth (ft bls):		5 - 7	0 - 2	3 - 5	0 - 2	12 - 14
			Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.185 U	0.19 U	0.193 U	0.184 U	0.19 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.185 U	0.19 U	0.193 U	0.184 U	0.19 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000721 U	0.000768 U	0.000774 U	0.000716 U	0.00074 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Chlordane	--	--	--	MG/KG	0.251	0.0154 U	0.0155 U	0.0143 U	0.0148 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	**0.0371 NJ**	0.0023 U	0.00232 U	0.00215 U	0.00222 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	**0.00864**	0.00115 U	0.00116 U	0.00107 U	0.00111 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000721 U	0.000768 U	0.000774 U	0.000716 U	0.00074 U
Endrin	0.014	5.3	0.06	MG/KG	0.000721 U	0.000768 U	0.000774 U	0.000716 U	0.00074 U
Endrin Aldehyde	--	--	--	MG/KG	0.00216 U	0.0023 U	0.00232 U	0.00215 U	0.00222 U
Endrin Ketone	--	--	--	MG/KG	0.00173 U	0.00184 U	0.00186 U	0.00172 U	0.00178 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000721 U	0.000768 U	0.000774 U	0.000716 U	0.00074 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000865 U	0.000921 U	0.000929 U	0.00086 U	0.000888 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00324 U	0.00345 U	0.00348 U	0.00322 U	0.00333 U
Methoxychlor	--	--	--	MG/KG	0.00324 U	0.00345 U	0.00348 U	0.00322 U	0.00333 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00311 U	0.00179 J	0.00186 U	0.00114 J	0.00178 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.305**	**0.017**	0.00063 J	**0.0195**	0.00178 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.241**	**0.0247**	0.00186 U	**0.0178**	0.00178 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.185 U	0.19 U	0.193 U	0.184 U	0.19 U
Toxaphene	--	--	--	MG/KG	0.0324 U	0.0345 U	0.0348 U	0.0322 U	0.0333 U
trans-Chlordane	--	--	--	MG/KG	0.0531	0.0023 U	0.00232 U	0.00199 J	0.00222 U

Table 6. Summary of Pesticides and Herbicides in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-18	RISB-18	RISB-18	RISB-19	RISB-19
				Sample Date:	09/05/2024	09/12/2024	09/12/2024	09/10/2024	09/12/2024
				Sample Depth (ft bls):	0 - 2	8 - 10	8 - 10	0 - 2	5 - 7
				Normal Sample or Field Duplicate:	N	N	FD	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units					
2,4-D (Dichlorophenoxyacetic Acid)	--	--	--	MG/KG	0.185 U	0.223 U	0.223 U	0.184 U	0.167 U
Acetic acid, (2,4,5-trichlorophenoxy)-	--	--	--	MG/KG	0.185 U	0.223 U	0.223 U	0.184 U	0.167 U
Aldrin	0.0048	0.044	0.19	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.02	0.18	0.02	MG/KG	0.000737 U	0.000882 U	0.000876 U	0.000733 U	0.00065 U
Alpha Endosulfan	4.3	35	65	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.021	0.18	0.09	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Beta Endosulfan	4.3	35	44	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Chlordane	--	--	--	MG/KG	0.0147 U	0.0176 U	0.0175 U	0.0147 U	0.013 U
Chlordane (Technical)	--	--	--	MG/KG	NA	NA	NA	NA	NA
cis-Chlordane	**0.014**	0.65	4.5	MG/KG	0.00879 J	0.00265 U	0.00263 U	0.0022 U	0.00195 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	100	0.1	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Dieldrin	**0.005**	0.075	0.1	MG/KG	0.00396	0.00132 U	0.00131 U	0.0011 U	0.000975 U
Endosulfan Sulfate	4.3	35	47	MG/KG	0.000737 U	0.000882 U	0.000876 U	0.000733 U	0.00065 U
Endrin	0.014	5.3	0.06	MG/KG	0.000737 U	0.000882 U	0.000876 U	0.000733 U	0.00065 U
Endrin Aldehyde	--	--	--	MG/KG	0.00221 U	0.00265 U	0.00263 U	0.0022 U	0.00195 U
Endrin Ketone	--	--	--	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
Gamma Bhc (Lindane)	0.025	0.21	0.05	MG/KG	0.000737 U	0.000882 U	0.000876 U	0.000733 U	0.00065 U
Heptachlor	0.013	0.53	0.38	MG/KG	0.000884 U	0.00106 U	0.00105 U	0.00088 U	0.00078 U
Heptachlor Epoxide	--	--	--	MG/KG	0.00332 U	0.00397 U	0.00394 U	0.0033 U	0.00292 U
Methoxychlor	--	--	--	MG/KG	0.00332 U	0.00397 U	0.00394 U	0.0033 U	0.00292 U
P,P'-DDD	**0.0033**	5	14	MG/KG	0.00177 U	0.00212 U	0.0021 U	0.00176 U	0.00156 U
P,P'-DDE	**0.0033**	3.4	9.3	MG/KG	**0.0117**	0.00212 U	0.0021 U	**0.0125**	0.00156 U
P,P'-DDT	**0.0033**	3.8	135	MG/KG	**0.039**	0.00212 U	0.0021 U	**0.00923**	0.00156 U
Silvex (2,4,5-TP)	--	--	--	MG/KG	0.185 U	0.223 U	0.223 U	0.184 U	0.167 U
Toxaphene	--	--	--	MG/KG	0.0332 U	0.0397 U	0.0394 U	0.033 U	0.0292 U
trans-Chlordane	--	--	--	MG/KG	0.00647	0.00265 U	0.00263 U	0.000956 NJ	0.00195 U

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-1	RISB-1	RISB-1	RISB-2	RISB-2	RISB-2	RISB-3
			Sample Date:		09/06/2024	09/18/2024	09/18/2024	09/10/2024	09/10/2024	09/17/2024	09/10/2024
			Sample Depth (ft bls):		0 - 2	5 - 7	7 - 9	0 - 2	0 - 2	7 - 9	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	89.8	87.5	86.4	89.9	90.9	91.7	92.4

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-3	RISB-3	RISB-3	RISB-4	RISB-4	RISB-4	RISB-4
				Sample Date:	09/10/2024	09/10/2024	09/17/2024	09/04/2024	09/04/2024	09/13/2024	09/13/2024
				Sample Depth (ft bls):	0 - 2	0 - 2	5 - 7	0 - 2	0 - 2	20 - 22	20 - 22
				Normal Sample or Field Duplicate:	N	FD	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	91.4	91.5	87.1	86.4	87.3	85.2	87.6

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-5	RISB-6	RISB-6	RISB-6	RISB-7	RISB-7	RISB-7
				Sample Date:	09/17/2024	09/05/2024	09/13/2024	09/13/2024	09/05/2024	09/13/2024	09/13/2024
				Sample Depth (ft bls):	17 - 19	0 - 2	15 - 17	15 - 17	0 - 2	19 - 21	19 - 21
				Normal Sample or Field Duplicate:	N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	84.8	85.8	73.7	81.8	86.8	67.8	69.6

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-8	RISB-8	RISB-8	RISB-9	RISB-9	RISB-10	RISB-10
				Sample Date:	09/06/2024	09/06/2024	09/06/2024	09/05/2024	09/05/2024	09/05/2024	09/05/2024
				Sample Depth (ft bls):	0 - 2	2 - 4	4 - 6	0 - 2	2 - 4	0 - 2	0 - 2
				Normal Sample or Field Duplicate:	N	N	N	N	N	N	FD
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	90.7	89.8	89.7	88.4	92.6	86.8	87.8

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-10	RISB-10	RISB-11	RISB-11	RISB-12	RISB-12	RISB-12
				Sample Date:	09/09/2024	09/09/2024	09/04/2024	09/09/2024	09/04/2024	09/04/2024	09/09/2024
				Sample Depth (ft bls):	7 - 9	17 - 19	0 - 2	13 - 15	0 - 2	2 - 4	4 - 6
				Normal Sample or Field Duplicate:	N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	85.8	87.6	91.2	98.2	89.9	91.2	96.4

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-13	RISB-13	RISB-13	RISB-13	RISB-14	RISB-14	RISB-14
				Sample Date:	09/04/2024	09/09/2024	09/09/2024	09/09/2024	09/04/2024	09/04/2024	09/09/2024
				Sample Depth (ft bls):	0 - 2	17 - 19	17 - 19	19 - 21	0 - 2	0 - 2	9 - 11
				Normal Sample or Field Duplicate:	N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	89.8	75	77.2	87.8	95.2	88.5	89.7

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-14	RISB-14	RISB-14	RISB-15	RISB-15	RISB-15	RISB-15
				Sample Date:	09/09/2024	09/09/2024	09/09/2024	09/06/2024	09/12/2024	09/12/2024	09/12/2024
				Sample Depth (ft bls):	9 - 11	13 - 15	13 - 15	0 - 2	5 - 7	5 - 7	7 - 9
				Normal Sample or Field Duplicate:	N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	92.1	93.6	85.6	93.1	88.5	86.7	92.1

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-16	RISB-16	RISB-17	RISB-17	RISB-17	RISB-17	RISB-18
			Sample Date:		09/06/2024	09/06/2024	09/10/2024	09/10/2024	09/10/2024	09/10/2024	09/05/2024
			Sample Depth (ft bls):		0 - 2	3 - 5	0 - 2	0 - 2	12 - 14	12 - 14	0 - 2
			Normal Sample or Field Duplicate:		N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units							
Total Solids	--	--	--	PERCENT	86.1	84	83.6	89	84.2	86.9	87.9

Table 7. Summary of General Chemistry in Soil, 1451 Washington Avenue, Bronx, New York

				Sample Designation:	RISB-18	RISB-18	RISB-19	RISB-19
				Sample Date:	09/12/2024	09/12/2024	09/10/2024	09/12/2024
				Sample Depth (ft bls):	8 - 10	8 - 10	0 - 2	5 - 7
				Normal Sample or Field Duplicate:	N	FD	N	N
Parameter	NYSDEC Part 375 Unrestricted Use SCO	NYSDEC Part 375 Restricted Residential SCO	NYSDEC Part 375 Protection of Groundwater SCO	Units				
Total Solids	--	--	--	PERCENT	74	73.8	90.2	98.4

Table 8. Summary of Per- and Polyfluoroalkyl Substances in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:		RISB-2	RISB-3	RISB-4	RISB-4	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5	RISB-5	RISB-6
			Sample Date:		09/10/2024	09/10/2024	09/04/2024	09/13/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/13/2024
			Sample Depth (ft bls):		0 - 2	0 - 2	0 - 2	20 - 22	0 - 2	2 - 4	2 - 4	4 - 6	6 - 8	8 - 10	15 - 17
			Normal Sample or Field Duplicate:		N	N	N	N	N	N	FD	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use GV	NYSDEC Part 375 Restricted Residential GV	NYSDEC Part 375 Protection of Groundwater GV	Units											
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.79 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	NA	NA	NA	NA	NA	NA	0.79 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	UG/KG	1.99 U	2 U	2 U	1.99 U	0.98 U	0.98 U	0.98 U	0.98 U	1 U	0.97 U	1.97 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	UG/KG	1.99 U	2 U	2 U	1.99 U	0.98 U	0.98 U	0.98 U	0.98 U	1 U	0.97 U	1.97 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	--	--	UG/KG	4.97 U	4.99 U	4.99 U	4.98 U	0.98 U	0.98 U	0.98 U	0.98 U	1 U	0.97 U	4.94 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	--	--	UG/KG	4.97 U	4.99 U	4.99 U	4.98 U	0.98 U	0.98 U	0.98 U	0.98 U	1 U	0.97 U	4.94 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	--	--	UG/KG	0.995 U	0.998 U	0.998 U	0.996 U	0.39 U	0.39 U	0.39 U	0.39 U	0.4 U	0.39 U	0.987 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.79 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.79 U
N-ethyl perfluoro-1-octanesulfonamide	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
N-methyl perfluoro-1-octanesulfonamide	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	--	--	--	UG/KG	0.398 U	0.399 U	0.399 U	0.398 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.395 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	--	--	--	UG/KG	0.398 U	0.399 U	0.399 U	0.398 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.395 U
Perfluoro(2-Propoxypropanoic) Acid	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.79 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	--	--	UG/KG	0.398 U	0.399 U	0.399 U	0.398 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.395 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	--	--	UG/KG	0.398 U	0.399 U	0.399 U	0.398 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.395 U
Perfluorobutanesulfonic acid (PFBS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorobutanoic Acid	--	--	--	UG/KG	0.24 J	0.214 J	0.162 J	0.797 U	0.39 U	0.39 U	0.39 U	0.39 U	0.4 U	0.39 U	0.79 U
Perfluorodecane Sulfonic Acid	--	--	--	UG/KG	0.036 J	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorodecanoic acid (PFDA)	--	--	--	UG/KG	0.135 J	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorododecane sulfonate (PFDoDS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorododecanoic acid (PFDoA)	--	--	--	UG/KG	0.041 J	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluoroheptanoic acid (PFHpA)	--	--	--	UG/KG	0.137 J	0.159 J	0.144 J	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorohexanoic acid (PFHxA)	--	--	--	UG/KG	0.219	0.24	0.172 J	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorononanesulfonic Acid (PFNS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorononanoic acid (PFNA)	--	--	--	UG/KG	0.289	0.137 J	0.107 J	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorooctane Sulfonamide (FOSA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	UG/KG	**2.29**	**0.926**	0.455	0.199 U	0.53	0.39	0.2 U	0.12 J	0.31	0.12 J	0.179 J
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	UG/KG	0.634	**1.31**	**0.981**	0.199 U	0.37	0.32	0.069 J	0.14 J	0.26	0.078 J	0.074 J
Perfluoropentanesulfonic Acid (PFPeS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluoropentanoic Acid (PFPeA)	--	--	--	UG/KG	0.259 J	0.272 J	0.176 J	0.398 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.395 U
Perfluorotetradecanoic acid (PFTA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluorotridecanoic Acid (PFTriA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Perfluoroundecanoic Acid (PFUnA)	--	--	--	UG/KG	0.098 J	0.053 J	0.2 U	0.199 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.19 U	0.197 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.39 U	0.39 U	0.39 U	0.39 U	0.4 U	0.39 U	0.79 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	--	--	--	UG/KG	NA	NA	NA	NA	0.39 U	0.39 U	0.39 U	0.39 U	0.4 U	0.39 U	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	--	UG/KG	0.796 U	0.799 U	0.798 U	0.797 U	0.39 U	0.39 U	0.39 U	0.39 U	0.4 U	0.39 U	0.79 U

Table 8. Summary of Per- and Polyfluoroalkyl Substances in Soil, 1451 Washington Avenue, Bronx, New York

			Sample Designation:	RISB-7	RISB-13	RISB-14	RISB-14	RISB-14	RISB-15	RISB-17	RISB-17
			Sample Date:	09/13/2024	09/09/2024	09/04/2024	09/09/2024	09/09/2024	09/12/2024	09/10/2024	09/10/2024
			Sample Depth (ft bls):	19 - 21	17 - 19	0 - 2	9 - 11	13 - 15	5 - 7	0 - 2	12 - 14
			Normal Sample or Field Duplicate:	N	N	N	N	N	N	N	N
Parameter	NYSDEC Part 375 Unrestricted Use GV	NYSDEC Part 375 Restricted Residential GV	NYSDEC Part 375 Protection of Groundwater GV	Units								
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	UG/KG	1.99 U	8.95 U	2 U	1.97 U	1.97 U	1.99 U	2 U	1.99 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	--	--	UG/KG	1.99 U	8.95 U	2 U	1.97 U	1.97 U	1.99 U	2 U	1.99 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	--	--	UG/KG	4.98 U	4.99 U	5 U	4.92 U	4.94 U	4.98 U	4.99 U	4.98 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	--	--	UG/KG	4.98 U	4.99 U	5 U	4.92 U	4.94 U	4.98 U	4.99 U	4.98 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	--	--	UG/KG	0.995 U	0.998 U	1 U	0.985 U	0.987 U	0.996 U	0.998 U	0.996 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
N-ethyl perfluoro-1-octanesulfonamide	--	--	--	UG/KG	0.199 U	0.895 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
N-methyl perfluoro-1-octanesulfonamide	--	--	--	UG/KG	0.199 U	0.895 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	--	--	--	UG/KG	0.398 U	0.399 U	0.4 U	0.394 U	0.395 U	0.398 U	0.399 U	0.398 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	--	--	--	UG/KG	0.398 U	0.399 U	0.4 U	0.394 U	0.395 U	0.398 U	0.399 U	0.398 U
Perfluoro(2-Propoxypropanoic) Acid	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	--	--	UG/KG	0.398 U	0.399 U	0.4 U	0.394 U	0.395 U	0.398 U	0.399 U	0.398 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	--	--	UG/KG	0.398 U	0.399 U	0.4 U	0.394 U	0.395 U	0.398 U	0.399 U	0.398 U
Perfluorobutanesulfonic acid (PFBS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorobutanoic Acid	--	--	--	UG/KG	0.796 U	0.798 U	0.053 J	0.788 U	0.79 U	0.797 U	0.168 J	0.797 U
Perfluorodecane Sulfonic Acid	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.04 J	0.199 U
Perfluorodecanoic acid (PFDA)	--	--	--	UG/KG	0.199 U	0.2 U	0.084 J	0.197 U	0.197 U	0.199 U	0.54	0.199 U
Perfluorododecane sulfonate (PFDoDS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorododecanoic acid (PFDoA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.108 J	0.199 U
Perfluoroheptane Sulfonate (PFHPS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluoroheptanoic acid (PFHpA)	--	--	--	UG/KG	0.199 U	0.2 U	0.064 J	0.197 U	0.197 U	0.199 U	0.303	0.199 U
Perfluorohexanesulfonic acid (PFHxS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorohexanoic acid (PFHxA)	--	--	--	UG/KG	0.199 U	0.2 U	0.089 J	0.197 U	0.197 U	0.199 U	0.259	0.199 U
Perfluorononanesulfonic Acid (PFNS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorononanoic acid (PFNA)	--	--	--	UG/KG	0.199 U	0.2 U	0.108 J	0.197 U	0.197 U	0.199 U	0.634	0.199 U
Perfluorooctane Sulfonamide (FOSA)	--	--	--	UG/KG	0.199 U	0.895 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorooctanesulfonic acid (PFOS)	**0.88**	44	1	UG/KG	0.199 U	0.081 J	0.671	0.197 U	0.197 U	0.312	**1.31**	0.199 U
Perfluorooctanoic acid (PFOA)	**0.66**	33	0.8	UG/KG	0.199 U	0.2 U	0.298	0.197 U	0.197 U	0.178 J	**1.04**	0.199 U
Perfluoropentanesulfonic Acid (PFPeS)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluoropentanoic Acid (PFPeA)	--	--	--	UG/KG	0.398 U	0.399 U	0.11 J	0.394 U	0.395 U	0.398 U	0.291 J	0.398 U
Perfluorotetradecanoic acid (PFTA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.2 U	0.199 U
Perfluorotridecanoic Acid (PFTriA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.064 J	0.199 U
Perfluoroundecanoic Acid (PFUnA)	--	--	--	UG/KG	0.199 U	0.2 U	0.2 U	0.197 U	0.197 U	0.199 U	0.423	0.199 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.797 U	0.799 U	0.797 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	--	--	--	UG/KG	NA	NA	NA	NA	NA	NA	NA	NA
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	--	--	UG/KG	0.796 U	0.798 U	0.8 U	0.788 U	0.79 U	0.734 J	0.799 U	0.797 U

Table 9. Summary of Volatile Organic Compounds in Groundwater, 1451 Washington Avenue, Bronx, New York

Sample Designation:			RIMW-1	RIMW-1	RIMW-4	RIMW-5	RIMW-6	RIMW-7	RIMW-8
Sample Date:			10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
Normal Sample or Field Duplicate:			N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units							
1,1,1,2-Tetrachloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,1-Trichloroethane (TCA)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1,2,2-Tetrachloroethane	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1,2-Trichloroethane	1	UG/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
1,1-Dichloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,1-Dichloroethene	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,1-Dichloropropene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,3-Trichloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4,5-Tetramethylbenzene	5	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2,4-Trichlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2,4-Trimethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromo-3-Chloropropane	0.04	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dibromoethane (Ethylene Dibromide)	0.0006	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,2-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,2-Dichloroethane	0.6	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
1,2-Dichloropropane	1	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
1,3,5-Trimethylbenzene (Mesitylene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,3-Dichloropropane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Dichlorobenzene	3	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
1,4-Diethyl Benzene	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,4-Dioxane (P-Dioxane)	0.35	UG/L	250 R	250 R	250 R	250 R	250 R	250 R	250 R
2,2-Dichloropropane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Chlorotoluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
2-Hexanone	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
4-Chlorotoluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
4-Ethyltoluene	--	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Acetone	50	UG/L	2.5 J	2.7 J	2.1 J	3 J	1.5 J+	2.9 J	1.6 J
Acrylonitrile	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Benzene	1	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromochloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Bromodichloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Bromoform	50	UG/L	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ	2 UJ
Bromomethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Carbon Disulfide	60	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Carbon Tetrachloride	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Chlorobenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Chloroform	7	UG/L	2.5 U	2.5 U	1.3 J	2.5 U	1.5 J	2.5 U	1.9 J
Chloromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,2-Dichloroethylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Cis-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cymene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Dibromochloromethane	50	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Dibromomethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichlorodifluoromethane	5	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Dichloroethylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Diethyl Ether (Ethyl Ether)	--	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Ethylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Hexachlorobutadiene	0.5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Isopropylbenzene (Cumene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
m,p-Xylene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Methyl Ethyl Ketone (2-Butanone)	50	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Methylene Chloride	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Naphthalene	10	UG/L	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ	2.5 UJ
N-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
N-Propylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
O-Xylene (1,2-Dimethylbenzene)	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Sec-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Styrene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
T-Butylbenzene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tert-Butyl Methyl Ether	10	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Tetrachloroethylene (PCE)	5	UG/L	2.2	2.6	0.5 U	0.5 U	0.24 J	0.5 U	0.5 U
Toluene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Total, 1,3-Dichloropropene (Cis And Trans)	0.4	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,2-Dichloroethene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trans-1,3-Dichloropropene	--	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-Butene	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Trichloroethylene (TCE)	5	UG/L	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Trichlorofluoromethane	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Vinyl Acetate	--	UG/L	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Vinyl Chloride	2	UG/L	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Xylenes	5	UG/L	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U

Table 10. Summary of Semivolatile Organic Compounds in Groundwater, 1451 Washington Avenue, Bronx, New York

Sample Designation:			RIMW-1	RIMW-1	RIMW-1	RIMW-1	RIMW-4	RIMW-4	RIMW-5	RIMW-5	RIMW-6
Sample Date:			10/01/2024	10/01/2024	12/02/2025	12/02/2025	10/01/2024	12/02/2025	10/01/2024	11/25/2025	10/01/2024
Normal Sample or Field Duplicate:			N	FD	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units									
1,2,4,5-Tetrachlorobenzene	5	UG/L	10 U	10 U	NA	NA	10 U	NA	10 U	NA	10 U
1,2,4-Trichlorobenzene	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
1,2-Dichlorobenzene	3	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
1,3-Dichlorobenzene	3	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
1,4-Dichlorobenzene	3	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.15 U	0.15 U	0.2 U	0.2 U	NA	0.2 U	NA	0.2 U	0.148 J
2,4,5-Trichlorophenol	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2,4,6-Trichlorophenol	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2,4-Dichlorophenol	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2,4-Dimethylphenol	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2,4-Dinitrophenol	10	UG/L	20 U	20 U	NA	NA	20 U	NA	20 U	NA	20 U
2,4-Dinitrotoluene	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2,6-Dinitrotoluene	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2-Chloronaphthalene	10	UG/L	0.2 U	0.2 U	NA	NA	0.2 U	NA	0.2 U	NA	0.2 U
2-Chlorophenol	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
2-Methylnaphthalene	--	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
2-Methylphenol (O-Cresol)	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2-Nitroaniline	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
2-Nitrophenol	--	UG/L	10 U	10 U	NA	NA	10 U	NA	10 U	NA	10 U
3,3'-Dichlorobenzidine	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
3-Nitroaniline	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
4,6-Dinitro-2-Methylphenol	--	UG/L	10 U	10 U	NA	NA	10 U	NA	10 U	NA	10 U
4-Bromophenyl Phenyl Ether	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
4-Chloro-3-Methylphenol	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
4-Chloroaniline	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
4-Chlorophenyl Phenyl Ether	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
4-Nitroaniline	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
4-Nitrophenol	--	UG/L	10 U	10 U	NA	NA	10 U	NA	10 U	NA	10 U
Acenaphthene	20	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Acenaphthylene	20	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Acetophenone	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Anthracene	50	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzo(A)Anthracene	0.002	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzo(A)Pyrene	0	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzo(B)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzo(G,H,I)Perylene	--	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzo(K)Fluoranthene	0.002	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Benzoic Acid	--	UG/L	50 U	50 U	NA	NA	50 U	NA	50 U	NA	50 U
Benzyl Alcohol	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Benzyl Butyl Phthalate	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Biphenyl (Diphenyl)	5	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Bis(2-Chloroethoxy) Methane	5	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Bis(2-Chloroisopropyl) Ether	5	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Bis(2-Ethylhexyl) Phthalate	5	UG/L	3 U	3 U	NA	NA	3 U	NA	3 U	NA	3 U
Carbazole	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Chrysene	0.002	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Dibenz(A,H)Anthracene	--	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Dibenzofuran	--	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Diethyl Phthalate	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Dimethyl Phthalate	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Di-N-Butyl Phthalate	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Di-N-Octylphthalate	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Fluoranthene	50	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Fluorene	50	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Hexachlorobenzene	0.04	UG/L	0.8 U	0.8 U	NA	NA	0.8 U	NA	0.8 U	NA	0.8 U
Hexachlorobutadiene	0.5	UG/L	0.5 U	0.5 U	NA	NA	0.5 U	NA	0.5 U	NA	0.5 U
Hexachlorocyclopentadiene	5	UG/L	20 U	20 U	NA	NA	20 U	NA	20 U	NA	20 U
Hexachloroethane	5	UG/L	0.8 U	0.8 U	NA	NA	0.8 U	NA	0.8 U	NA	0.8 U
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Isophorone	50	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
M+P MethylPhenol	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Naphthalene	10	UG/L	0.1 UJ	0.1 UJ	NA	NA	0.1 UJ	NA	0.1 UJ	NA	0.1 UJ
Nitrobenzene	0.4	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
N-Nitrosodi-N-Propylamine	--	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
N-Nitrosodiphenylamine	50	UG/L	2 U	2 U	NA	NA	2 U	NA	2 U	NA	2 U
Pentachlorophenol	1	UG/L	0.8 U	0.8 U	NA	NA	0.8 U	NA	0.8 U	NA	0.8 U
Phenanthrene	50	UG/L	0.1 U	0.1 U	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U
Phenol	1	UG/L	5 U	5 U	NA	NA	5 U	NA	5 U	NA	5 U
Pyrene	50	UG/L	0.18 J	0.06 J	NA	NA	0.1 U	NA	0.1 U	NA	0.1 U

Table 10. Summary of Semivolatile Organic Compounds in Groundwater, 1451 Washington Avenue, Bronx, New York

Sample Designation:			RIMW-6	RIMW-7	RIMW-7	RIMW-8	RIMW-8
Sample Date:			11/25/2025	10/01/2024	11/26/2025	10/01/2024	11/26/2025
Normal Sample or Field Duplicate:			N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units					
1,2,4,5-Tetrachlorobenzene	5	UG/L	NA	10 U	NA	10 U	NA
1,2,4-Trichlorobenzene	5	UG/L	NA	5 U	NA	5 U	NA
1,2-Dichlorobenzene	3	UG/L	NA	2 U	NA	2 U	NA
1,3-Dichlorobenzene	3	UG/L	NA	2 U	NA	2 U	NA
1,4-Dichlorobenzene	3	UG/L	NA	2 U	NA	2 U	NA
1,4-Dioxane (P-Dioxane)	0.35	UG/L	0.2 U	NA	0.2 U	NA	0.2 U
2,4,5-Trichlorophenol	--	UG/L	NA	5 U	NA	5 U	NA
2,4,6-Trichlorophenol	--	UG/L	NA	5 U	NA	5 U	NA
2,4-Dichlorophenol	5	UG/L	NA	5 U	NA	5 U	NA
2,4-Dimethylphenol	50	UG/L	NA	5 U	NA	5 U	NA
2,4-Dinitrophenol	10	UG/L	NA	20 U	NA	20 U	NA
2,4-Dinitrotoluene	5	UG/L	NA	5 U	NA	5 U	NA
2,6-Dinitrotoluene	5	UG/L	NA	5 U	NA	5 U	NA
2-Chloronaphthalene	10	UG/L	NA	0.2 U	NA	0.2 U	NA
2-Chlorophenol	--	UG/L	NA	2 U	NA	2 U	NA
2-Methylnaphthalene	--	UG/L	NA	0.1 U	NA	0.1 U	NA
2-Methylphenol (O-Cresol)	--	UG/L	NA	5 U	NA	5 U	NA
2-Nitroaniline	5	UG/L	NA	5 U	NA	5 U	NA
2-Nitrophenol	--	UG/L	NA	10 U	NA	10 U	NA
3,3'-Dichlorobenzidine	5	UG/L	NA	5 U	NA	5 U	NA
3-Nitroaniline	5	UG/L	NA	5 U	NA	5 U	NA
4,6-Dinitro-2-Methylphenol	--	UG/L	NA	10 U	NA	10 U	NA
4-Bromophenyl Phenyl Ether	--	UG/L	NA	2 U	NA	2 U	NA
4-Chloro-3-Methylphenol	--	UG/L	NA	2 U	NA	2 U	NA
4-Chloroaniline	5	UG/L	NA	5 U	NA	5 U	NA
4-Chlorophenyl Phenyl Ether	--	UG/L	NA	2 U	NA	2 U	NA
4-Nitroaniline	5	UG/L	NA	5 U	NA	5 U	NA
4-Nitrophenol	--	UG/L	NA	10 U	NA	10 U	NA
Acenaphthene	20	UG/L	NA	0.1 U	NA	0.1 U	NA
Acenaphthylene	20	UG/L	NA	0.1 U	NA	0.1 U	NA
Acetophenone	--	UG/L	NA	5 U	NA	5 U	NA
Anthracene	50	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzo(A)Anthracene	0.002	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzo(A)Pyrene	0	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzo(B)Fluoranthene	0.002	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzo(G,H,I)Perylene	--	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzo(K)Fluoranthene	0.002	UG/L	NA	0.1 U	NA	0.1 U	NA
Benzoic Acid	--	UG/L	NA	50 U	NA	50 U	NA
Benzyl Alcohol	--	UG/L	NA	2 U	NA	2 U	NA
Benzyl Butyl Phthalate	50	UG/L	NA	5 U	NA	5 U	NA
Biphenyl (Diphenyl)	5	UG/L	NA	2 U	NA	2 U	NA
Bis(2-Chloroethoxy) Methane	5	UG/L	NA	5 U	NA	5 U	NA
Bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1	UG/L	NA	2 U	NA	2 U	NA
Bis(2-Chloroisopropyl) Ether	5	UG/L	NA	2 U	NA	2 U	NA
Bis(2-Ethylhexyl) Phthalate	5	UG/L	NA	3 U	NA	3 U	NA
Carbazole	--	UG/L	NA	2 U	NA	2 U	NA
Chrysene	0.002	UG/L	NA	0.1 U	NA	0.1 U	NA
Dibenz(A,H)Anthracene	--	UG/L	NA	0.1 U	NA	0.1 U	NA
Dibenzofuran	--	UG/L	NA	2 U	NA	2 U	NA
Diethyl Phthalate	50	UG/L	NA	5 U	NA	5 U	NA
Dimethyl Phthalate	50	UG/L	NA	5 U	NA	5 U	NA
Di-N-Butyl Phthalate	50	UG/L	NA	5 U	NA	5 U	NA
Di-N-Octylphthalate	--	UG/L	NA	5 U	NA	5 U	NA
Fluoranthene	50	UG/L	NA	0.1 U	NA	0.1 U	NA
Fluorene	50	UG/L	NA	0.1 U	NA	0.1 U	NA
Hexachlorobenzene	0.04	UG/L	NA	0.8 U	NA	0.8 U	NA
Hexachlorobutadiene	0.5	UG/L	NA	0.5 U	NA	0.5 U	NA
Hexachlorocyclopentadiene	5	UG/L	NA	20 U	NA	20 U	NA
Hexachloroethane	5	UG/L	NA	0.8 U	NA	0.8 U	NA
Indeno(1,2,3-C,D)Pyrene	0.002	UG/L	NA	0.1 U	NA	0.1 U	NA
Isophorone	50	UG/L	NA	5 U	NA	5 U	NA
M+P MethylPhenol	--	UG/L	NA	5 U	NA	5 U	NA
Naphthalene	10	UG/L	NA	0.1 UJ	NA	0.1 UJ	NA
Nitrobenzene	0.4	UG/L	NA	2 U	NA	2 U	NA
N-Nitrosodi-N-Propylamine	--	UG/L	NA	5 U	NA	5 U	NA
N-Nitrosodiphenylamine	50	UG/L	NA	2 U	NA	2 U	NA
Pentachlorophenol	1	UG/L	NA	0.8 U	NA	0.8 U	NA
Phenanthrene	50	UG/L	NA	0.1 U	NA	0.1 U	NA
Phenol	**1**	UG/L	NA	5 U	NA	**1.3 J**	NA
Pyrene	50	UG/L	NA	0.1 U	NA	0.1 U	NA

Table 11. Summary of Metals in Groundwater, 1451 Washington Avenue, Bronx, New York

Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units	Sample Designation:	RIMW-1	RIMW-1	RIMW-1	RIMW-1	RIMW-4	RIMW-4	RIMW-5	RIMW-5	RIMW-6	RIMW-6
			Sample Date:	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
			Normal Sample or Field Duplicate:	N	N	FD	FD	N	N	N	N	N	N
			Total or Dissolved:	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved	Total	Dissolved
Aluminum	--	UG/L		26.6	5.73 J	20	4.62 J	22.8	5.87 J	20.5	3.89 J	23.8	6.14 J
Antimony	3	UG/L		4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U	4 U
Arsenic	25	UG/L		0.53 J+	0.55 J+	0.72 J+	0.74 J+	0.44 J	0.5	0.5	0.51	0.5 U	0.5 U
Barium	1000	UG/L		75.3	69.15	87.7	87.87	82.4	78.97	108.1	108.6	8.94 J+	8.65
Beryllium	3	UG/L		0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Cadmium	5	UG/L		0.2 U	0.2 U	0.2 U	0.2 U	0.48	0.49	0.09 J	0.08 J	0.2 U	0.2 U
Calcium	--	UG/L		173000	177000	193000	186000	78100	74900	104000	99500	92900	94900
Chromium, Hexavalent	50	UG/L		10 U	NA	4 J	NA	10 U	NA	10 U	NA	10 U	NA
Chromium, Total	50	UG/L		0.32 J	0.32 J	0.24 J	1 U	1 U	1 U	1.05	0.86 J	1.73	1.72
Cobalt	--	UG/L		0.53	0.42 J	0.59	0.58	1.13	1.08	1.62	1.44	0.5 U	0.5 U
Copper	200	UG/L		1.08 J	1.06	1.17 J	0.96 J	0.76 J	0.77 J	1 J	2.39 J	0.49 J	1 U
Cyanide	200	UG/L		5 U	NA	3 J	NA	5 U	NA	5 U	NA	5 U	NA
Iron	**300**	UG/L		55.2	50 U	31 J	50 U	26.3 J	50 U	42 J	50 U	69.4	50 U
Lead	25	UG/L		0.54 J	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U	1 U
Magnesium	**35000**	UG/L		**72800**	**72100**	**77700**	**74800**	**35300**	32900	**46800**	**45000**	**42800**	**41900**
Manganese	300	UG/L		186.1	194.5	161	147.1	247.3	226.9	228.9	225.6	33.17	11.39
Mercury	0.7	UG/L		0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U	0.2 U
Nickel	100	UG/L		0.88 J	0.78 J	0.9 J	0.68 J	2.34	2.19	1.33 J	1.48 J	2 U	2 U
Potassium	--	UG/L		9510	10800	8980	8460	4060	3940	8770	8920	8960	9290
Selenium	10	UG/L		6.98	7.31	7.37	6.9	3.74 J	3.4 J	3.7 J	3.46 J	2.74 J	2.65 J
Silver	50	UG/L		0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U	0.4 U
Sodium	**20000**	UG/L		**43900**	**44000**	**43100**	**43100**	**40400**	**38600**	11600	11000	**41800**	**41600**
Thallium	0.5	UG/L		1 U	1 U	1 U	1 U	1 U	1 U	1 U	0.16 J	1 U	1 U
Vanadium	--	UG/L		5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U	5 U
Zinc	2000	UG/L		10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

Table 11. Summary of Metals in Groundwater, 1451 Washington Avenue, Bronx, New York

Sample Designation:			RIMW-7	RIMW-7	RIMW-8	RIMW-8
Sample Date:			10/01/2024	10/01/2024	10/01/2024	10/01/2024
Normal Sample or Field Duplicate:			N	N	N	N
Total or Dissolved:			Total	Dissolved	Total	Dissolved
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units				
Aluminum	--	UG/L	331	7.26 J	5.67 J	7.77 J
Antimony	3	UG/L	4 U	4 U	4 U	4 U
Arsenic	25	UG/L	0.34 J	0.22 J	0.5 U	0.5 U
Barium	1000	UG/L	36.47	32.18	63.79	59.66
Beryllium	3	UG/L	0.24 J	0.5 U	0.5 U	0.5 U
Cadmium	5	UG/L	0.24	0.18 J	0.09 J	0.09 J
Calcium	--	UG/L	179000	181000	126000	119000
Chromium, Hexavalent	50	UG/L	10 U	NA	10 U	NA
Chromium, Total	50	UG/L	2.37	1.59	0.78 J	0.74 J
Cobalt	--	UG/L	2.34	0.5 U	0.18 J	0.5 U
Copper	200	UG/L	0.84 J	0.51 J	0.82 J	0.87 J
Cyanide	200	UG/L	1 J	NA	5 U	NA
Iron	**300**	UG/L	**751**	50 U	50 U	50 U
Lead	25	UG/L	1.37	1 U	1 U	1 U
Magnesium	**35000**	UG/L	**85700**	**82300**	**47700**	**45600**
Manganese	300	UG/L	88.57	3.77	34.63	28.56
Mercury	0.7	UG/L	0.2 U	0.2 U	0.2 U	5 U
Nickel	100	UG/L	1.01 J	2 U	2 U	2 U
Potassium	--	UG/L	7540	7440	8140	7520
Selenium	10	UG/L	7.61	6.68	8.01	7.41
Silver	50	UG/L	0.4 U	0.4 U	0.4 U	0.4 U
Sodium	**20000**	UG/L	**25700**	**25600**	**116000**	**109000**
Thallium	0.5	UG/L	0.2 J	0.17 J	1 U	1 U
Vanadium	--	UG/L	5 U	5 U	5 U	5 U
Zinc	2000	UG/L	13	10 U	10 U	10 U

Table 12. Summary of Polychlorinated Biphenyls in Groundwater, 1451 Washington Avenue, Bronx, New York

		Sample Designation:	RIMW-1	RIMW-1	RIMW-4	RIMW-5	RIMW-6	RIMW-7	RIMW-8
		Sample Date:	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
		Normal Sample or Field Duplicate:	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units							
PCB-1016 (Aroclor 1016)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1221 (Aroclor 1221)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1232 (Aroclor 1232)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1242 (Aroclor 1242)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1248 (Aroclor 1248)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1254 (Aroclor 1254)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1260 (Aroclor 1260)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1262 (Aroclor 1262)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
PCB-1268 (Aroclor 1268)	--	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U
Polychlorinated Biphenyl (PCBs)	0.09	UG/L	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U	0.071 U

Table 13. Summary of Pesticides and Herbicides in Groundwater, 1451 Washington Avenue, Bronx, New York

		Sample Designation:	RIMW-1	RIMW-1	RIMW-4	RIMW-5	RIMW-6	RIMW-7	RIMW-8
		Sample Date:	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
		Normal Sample or Field Duplicate:	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units							
2,4-D (Dichlorophenoxyacetic Acid)	50	UG/L	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetic acid, (2,4,5-trichlorophenoxy)-	35	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Aldrin	0	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Bhc (Alpha Hexachlorocyclohexane)	0.01	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Alpha Endosulfan	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Bhc (Beta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Beta Endosulfan	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Chlordane	0.05	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
cis-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Delta BHC (Delta Hexachlorocyclohexane)	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Dieldrin	0.004	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endosulfan Sulfate	--	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin	0	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Aldehyde	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Endrin Ketone	5	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Gamma Bhc (Lindane)	0.05	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor	0.04	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Heptachlor Epoxide	0.03	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U
Methoxychlor	35	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
P,P'-DDD	0.3	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDE	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
P,P'-DDT	0.2	UG/L	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U	0.029 U
Silvex (2,4,5-TP)	0.26	UG/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Toxaphene	0.06	UG/L	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U	0.143 U
trans-Chlordane	--	UG/L	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U	0.014 U

Table 14. Summary of Per- and Polyfluoroalkyl Substances in Groundwater, 1451 Washington Avenue, Bronx, New York

Sample Designation:			RIMW-1	RIMW-1	RIMW-1	RIMW-4	RIMW-4	RIMW-5	RIMW-6	RIMW-6	RIMW-7	RIMW-8
Sample Date:			10/01/2024	10/01/2024	12/02/2025	12/02/2025	12/02/2025	11/25/2025	10/01/2024	11/25/2025	11/26/2025	11/26/2025
Normal Sample or Field Duplicate:			N	FD	N	N	FD	N	N	N	N	N
Parameter	NYSDEC Ambient Water Quality Standards and Guidance Values	Units										
11-Chloroeicosafluoro-3-Oxaundecane-1-Sulfonic Acid	--	UG/L	0.00616 U	0.00589 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00595 U	0.00167 U	0.00168 U	0.00171 U
1H,1H,2H,2H-Perfluorohexanesulfonic Acid (4:2Fts)	--	UG/L	0.00616 U	0.00589 U	NA	NA	NA	NA	0.00595 U	NA	NA	NA
2-(N-ethyl perfluoro-1-octanesulfonamido)-ethanol	--	UG/L	0.0154 U	0.0147 U	0.00843 U	0.00839 U	0.00851 U	0.00862 U	0.0149 U	0.00837 U	0.00842 U	0.00853 U
2-(N-methyl perfluoro-1-octanesulfonamido)-ethanol	--	UG/L	0.0154 U	0.0147 U	0.00843 U	0.00839 U	0.00851 U	0.00862 U	0.0149 U	0.00837 U	0.00842 U	0.00853 U
2-(N-methyl perfluorooctanesulfonamido) acetic acid	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
2H,2H,3H,3H-Perfluorooctanoic acid (5:3FTCA)	--	UG/L	0.0385 U	0.0368 U	0.00843 U	0.00839 U	0.00851 U	0.00862 U	0.0372 U	0.00837 U	0.00842 U	0.00853 U
3-Perfluoroheptyl propanoic acid (7:3FTCA)	--	UG/L	0.0385 U	0.0368 U	0.00843 U	0.00839 U	0.00851 U	0.00862 U	0.0372 U	0.00837 U	0.00842 U	0.00853 U
3-Perfluoropropyl propanoic acid (3:3 FTCA)	--	UG/L	0.0077 U	0.00736 U	0.00337 U	0.00336 U	0.0034 U	0.00345 U	0.00744 U	0.00335 U	0.00337 U	0.00341 U
4,8-Dioxa-3H-perfluorononanoic acid (ADONA)	--	UG/L	0.00616 U	0.00589 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00595 U	0.00167 U	0.00168 U	0.00171 U
9-Chlorohexadecafluoro-3-Oxanonane-1-Sulfonic Acid	--	UG/L	0.00616 U	0.00589 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00595 U	0.00167 U	0.00168 U	0.00171 U
N-ethyl perfluoro-1-octanesulfonamide	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
N-ethyl perfluorooctanesulfonamidoacetic acid	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
N-methyl perfluoro-1-octanesulfonamide	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Nonafluoro-3,6-dioxaheptanoic acid (NFDHA)	--	UG/L	0.00308 U	0.00294 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00297 U	0.00167 U	0.00168 U	0.00171 U
Perfluoro(2-ethoxyethane)sulfonic acid (PFEESA)	--	UG/L	0.00308 U	0.00294 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00297 U	0.00167 U	0.00168 U	0.00171 U
Perfluoro(2-Propoxypropanoic) Acid	--	UG/L	0.00616 U	0.00589 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00595 U	0.00167 U	0.00168 U	0.00171 U
Perfluoro-3-methoxypropanoic acid (PFMPA)	--	UG/L	0.00308 U	0.00294 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00297 U	0.00167 U	0.00168 U	0.00171 U
Perfluoro-4-methoxybutanoic acid (PFMBA)	--	UG/L	0.00308 U	0.00294 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00297 U	0.00167 U	0.00168 U	0.00171 U
Perfluorobutanesulfonic acid (PFBS)	--	UG/L	0.00744	0.00788	0.00554	0.0044	0.0046	0.00289	0.00319	0.00306	0.00369	0.00568
Perfluorobutanoic Acid	--	UG/L	0.0172	0.0167	0.00983	0.00587	0.00617	0.00409	0.0058 J	0.00488	0.0111	0.0064
Perfluorodecane Sulfonic Acid	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluorodecanoic acid (PFDA)	--	UG/L	0.0002 EMPC	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.000349 J	0.00167 U	0.00168 U	0.00171 U
Perfluorododecane sulfonate (PFDoDS)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluorododecanoic acid (PFDoA)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluoroheptane Sulfonate (PFHPS)	--	UG/L	0.000346 J	0.000272 EMPC	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.000327 J	0.00167 U	0.00168 U	0.00171 U
Perfluoroheptanoic acid (PFHpA)	--	UG/L	0.00707	0.00719	0.00327	0.00294	0.00311	0.00359	0.00413	0.00342	0.00577	0.00488
Perfluorohexanesulfonic acid (PFHxS)	--	UG/L	0.00394	0.00399	0.00287	0.00196	0.00193	0.00132 J	0.00199	0.00201	0.00214	0.00216
Perfluorohexanoic acid (PFHxA)	--	UG/L	0.00863	0.00942	0.0024	0.00438	0.0047	0.00383	0.00535	0.00525	0.00749	0.00749
Perfluorononanesulfonic Acid (PFNS)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluorononanoic acid (PFNA)	--	UG/L	0.00153 J	0.00134 J	0.00128 J	0.00059 J	0.00077 J	0.00075 J	0.00122 J	0.00135 J	0.00168 U	0.00171 U
Perfluorooctane Sulfonamide (FOSA)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluorooctanesulfonic acid (PFOS)	**0.0027**	UG/L	**0.0103**	**0.009**	**0.00916 EMPC**	**0.00786**	**0.00913 EMPC**	**0.0138**	**0.0255**	**0.0189**	**0.0053 EMPC**	**0.0187**
Perfluorooctanoic acid (PFOA)	**0.0067**	UG/L	**0.05**	**0.048**	**0.0315**	**0.0142**	**0.0156**	**0.0243**	**0.021**	**0.0161**	**0.0281**	**0.0202**
Perfluoropentanesulfonic Acid (PFPeS)	--	UG/L	0.000985 J	0.000817 J	0.00064 J	0.00168 U	0.00051 J	0.00172 U	0.000387 J	0.00048 J	0.0005 J	0.00055 J
Perfluoropentanoic Acid (PFPeA)	--	UG/L	0.00856	0.00905	0.0032	0.00379	0.00427	0.00286	0.00596	0.00527	0.00941	0.0072
Perfluorotetradecanoic acid (PFTA)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluorotridecanoic Acid (PFTriA)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Perfluoroundecanoic Acid (PFUnA)	--	UG/L	0.00154 U	0.00147 U	0.00169 U	0.00168 U	0.0017 U	0.00172 U	0.00149 U	0.00167 U	0.00168 U	0.00171 U
Sodium 1H,1H,2H,2H-Perfluorodecane Sulfonate (8:2)	--	UG/L	0.00616 U	0.00589 U	0.00337 U	0.00336 U	0.0034 U	0.00345 U	0.00595 U	0.00335 U	0.00337 U	0.00341 U
Sodium 1H,1H,2H,2H-Perfluorohexane Sulfonate (4:2)	--	UG/L	NA	NA	0.00337 U	0.00336 U	0.0034 U	0.00345 U	NA	0.00335 U	0.00337 U	0.00341 U
Sodium 1H,1H,2H,2H-Perfluorooctane Sulfonate (6:2)	--	UG/L	0.00616 U	0.00589 U	0.00337 U	0.0197	0.0173	0.00532	0.00595 U	0.00202 J	0.00337 U	0.00341 U

Table 15. Summary of Volatile Organic Compounds in Soil Vapor, 1451 Washington Avenue, Bronx, New York

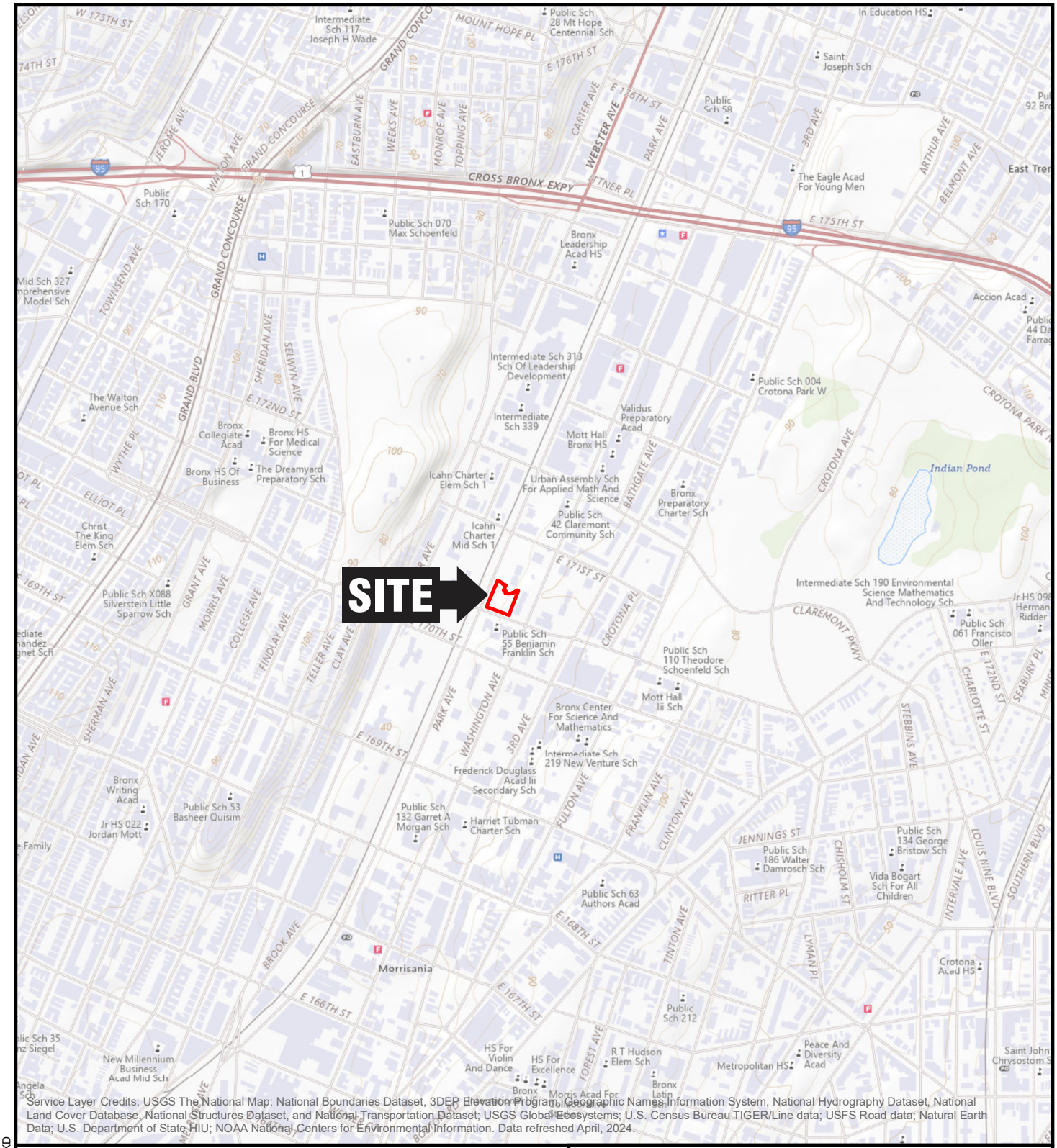
Sample Designation:		RISV-1	RISV-2	RISV-3	RISV-4	RISV-7
Sample Date:		10/01/2024	10/01/2024	10/01/2024	10/01/2024	10/01/2024
Normal Sample or Field Duplicate:		N	N	N	N	N
Parameter	Units					
1,1,1-Trichloroethane (TCA)	UG/M3	1.09 U	1.09 U	1.09 U	1.09 U	1.82 U
1,1,2,2-Tetrachloroethane	UG/M3	1.37 U	1.37 U	1.37 U	1.37 U	2.29 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.53 U	1.53 U	1.53 U	1.53 U	2.55 U
1,1,2-Trichloroethane	UG/M3	1.09 U	1.09 U	1.09 U	1.09 U	1.82 U
1,1-Dichloroethane	UG/M3	0.809 U	0.809 U	0.809 U	0.809 U	1.35 U
1,1-Dichloroethene	UG/M3	0.793 U	0.793 U	0.793 U	0.793 U	1.32 U
1,2,4-Trichlorobenzene	UG/M3	1.48 U	1.48 U	1.48 U	1.48 U	2.47 U
1,2,4-Trimethylbenzene	UG/M3	**265**	**252**	**276**	**287**	**125**
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.54 U	1.54 U	1.54 U	1.54 U	2.56 U
1,2-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	2 U
1,2-Dichloroethane	UG/M3	0.809 U	0.809 U	0.809 U	0.809 U	1.35 U
1,2-Dichloropropane	UG/M3	0.924 U	0.924 U	0.924 U	0.924 U	1.54 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	1.4 U	1.4 U	1.4 U	2.33 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	**90**	**85.5**	**88**	**97.3**	**58**
1,3-Butadiene	UG/M3	0.442 U	0.442 U	0.442 U	**4.69**	0.737 U
1,3-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	2 U
1,4-Dichlorobenzene	UG/M3	1.2 U	1.2 U	1.2 U	1.2 U	2 U
1,4-Dioxane (P-Dioxane)	UG/M3	0.721 U	0.721 U	0.721 U	0.721 U	1.2 U
2,2,4-Trimethylpentane	UG/M3	**107**	**123**	**139**	**316**	**340**
2-Hexanone	UG/M3	0.82 U	0.82 U	0.82 U	0.82 U	1.36 U
4-Ethyltoluene	UG/M3	**41.4**	**46.1**	**44.3**	**51.1**	**23.8**
Acetone	UG/M3	**31.6**	**23.8**	**62.2**	**165**	**58.4**
Allyl Chloride (3-Chloropropene)	UG/M3	0.626 U	0.626 U	0.626 U	0.626 U	1.04 U
Benzene	UG/M3	**1.64**	**1.55**	**1.71**	**21.4**	**6.07**
Benzyl Chloride	UG/M3	1.04 U	1.04 U	1.04 U	1.04 U	1.72 U
Bromodichloromethane	UG/M3	1.34 U	1.34 U	1.34 U	1.34 U	2.23 U
Bromoform	UG/M3	2.07 U	2.07 U	2.07 U	2.07 U	3.44 U
Bromomethane	UG/M3	0.777 U	0.777 U	0.777 U	0.777 U	1.29 U
Carbon Disulfide	UG/M3	**1.05**	**0.968**	**27.2**	**170**	**4.45**
Carbon Tetrachloride	UG/M3	1.26 U	1.26 U	1.26 U	1.26 U	2.09 U
Chlorobenzene	UG/M3	0.921 U	0.921 U	0.921 U	0.921 U	8.66 U
Chloroethane	UG/M3	0.528 U	0.528 U	0.528 U	0.528 U	0.879 U
Chloroform	UG/M3	**3.96**	**4.17**	**3.92**	**8.94**	**30.1**
Chloromethane	UG/M3	0.413 U	0.413 U	0.413 U	0.413 U	0.688 U
Cis-1,2-Dichloroethylene	UG/M3	0.793 U	0.793 U	0.793 U	0.793 U	1.32 U
Cis-1,3-Dichloropropene	UG/M3	0.908 U	0.908 U	0.908 U	0.908 U	1.51 U
Cyclohexane	UG/M3	**36.1**	**39.9**	**43.7**	**118**	**57.5**
Dibromochloromethane	UG/M3	1.7 U	1.7 U	1.7 U	1.7 U	2.84 U
Dichlorodifluoromethane	UG/M3	**2.28**	**2.11**	**3.03**	**3.11**	**3.2**
Ethanol	UG/M3	9.42 U	9.42 U	9.42 U	9.42 U	15.7 U
Ethyl Acetate	UG/M3	1.8 U	1.8 U	1.8 U	1.8 U	3.01 U
Ethylbenzene	UG/M3	**48.2**	**48.2**	**52.1**	**76.9**	**71.2**
Hexachlorobutadiene	UG/M3	2.13 U	2.13 U	2.13 U	2.13 U	3.55 U
Isopropanol	UG/M3	1.23 U	1.23 U	**1.37**	**2.63**	**3.69**
m,p-Xylene	UG/M3	**179**	**178**	**189**	**258**	**258**
Methyl Ethyl Ketone (2-Butanone)	UG/M3	**2.48**	**3.89**	**2.92**	1.47 U	**4.19**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2.05 U	2.05 U	2.05 U	2.05 U	3.42 U
Methylene Chloride	UG/M3	1.74 U	1.74 U	1.74 U	1.74 U	2.9 U
Naphthalene	UG/M3	**16.8**	**15.6**	**17**	**18.1**	1.75 U
N-Heptane	UG/M3	**43.4**	**49.6**	**47.5**	**150**	**211**
N-Hexane	UG/M3	**16.5**	**15**	**17.6**	**106**	**80**
O-Xylene (1,2-Dimethylbenzene)	UG/M3	**159**	**140**	**152**	**179**	**128**
Styrene	UG/M3	0.852 U	0.852 U	0.852 U	0.852 U	1.42 U
Tert-Butyl Alcohol	UG/M3	**5.43**	**17.8**	**14.3**	**36.4**	**10.4**
Tert-Butyl Methyl Ether	UG/M3	0.721 U	0.721 U	0.721 U	0.721 U	1.2 U
Tetrachloroethylene (PCE)	UG/M3	**21.7**	**10.7**	**13**	**21.8**	**15.5**
Tetrahydrofuran	UG/M3	1.47 U	1.47 U	1.47 U	1.47 U	2.46 UJ
Toluene	UG/M3	**48.2**	**46.4**	**50.9**	**138**	**162**
Trans-1,2-Dichloroethene	UG/M3	0.793 U	0.793 U	0.793 U	**1.13**	**7.73 J**
Trans-1,3-Dichloropropene	UG/M3	0.908 U	0.908 U	0.908 U	0.908 U	1.51 U
Trichloroethylene (TCE)	UG/M3	1.07 U	1.07 U	1.07 U	1.07 U	1.79 U
Trichlorofluoromethane	UG/M3	1.12 U	1.12 U	**1.59**	**1.96**	**1.93**
Vinyl Bromide	UG/M3	0.874 U	0.874 U	0.874 U	0.874 U	1.46 U
Vinyl Chloride	UG/M3	0.511 U	0.511 U	0.511 U	0.511 U	0.851 U

Table 15. Summary of Volatile Organic Compounds in Soil Vapor, 1451 Washington Avenue, Bronx, New York

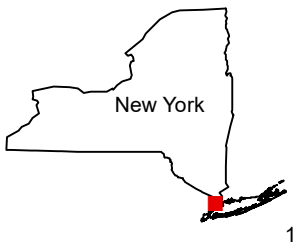
Sample Designation:		RISV-7	RISV-8	RISV-9
Sample Date:		10/01/2024	10/01/2024	10/01/2024
Normal Sample or Field Duplicate:		FD	N	N
Parameter	Units			
1,1,1-Trichloroethane (TCA)	UG/M3	1.09 U	56.2 U	1.09 U
1,1,2,2-Tetrachloroethane	UG/M3	1.37 U	70.7 U	1.37 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/M3	1.53 U	78.9 U	1.53 U
1,1,2-Trichloroethane	UG/M3	1.09 U	56.2 U	1.09 U
1,1-Dichloroethane	UG/M3	0.809 U	41.7 U	0.809 U
1,1-Dichloroethene	UG/M3	0.793 U	40.8 U	0.793 U
1,2,4-Trichlorobenzene	UG/M3	1.48 U	76.5 U	1.48 U
1,2,4-Trimethylbenzene	UG/M3	**160**	**214**	**170**
1,2-Dibromoethane (Ethylene Dibromide)	UG/M3	1.54 U	79.2 U	1.54 U
1,2-Dichlorobenzene	UG/M3	1.2 U	61.9 U	1.2 U
1,2-Dichloroethane	UG/M3	0.809 U	41.7 U	0.809 U
1,2-Dichloropropane	UG/M3	0.924 U	47.6 U	0.924 U
1,2-Dichlorotetrafluoroethane	UG/M3	1.4 U	72 U	1.4 U
1,3,5-Trimethylbenzene (Mesitylene)	UG/M3	**67.8**	**150**	**66.4**
1,3-Butadiene	UG/M3	0.442 U	22.8 U	0.442 U
1,3-Dichlorobenzene	UG/M3	1.2 U	61.9 U	1.2 U
1,4-Dichlorobenzene	UG/M3	1.2 U	61.9 U	1.2 U
1,4-Dioxane (P-Dioxane)	UG/M3	0.721 U	37.1 U	0.721 U
2,2,4-Trimethylpentane	UG/M3	**298**	**38200**	**145**
2-Hexanone	UG/M3	0.82 U	42.2 U	0.82 U
4-Ethyltoluene	UG/M3	**27.1**	**83.1**	**34**
Acetone	UG/M3	**71**	**123**	**33.5**
Allyl Chloride (3-Chloropropene)	UG/M3	0.626 U	32.2 U	0.626 U
Benzene	UG/M3	**5.85**	**111**	**6.36**
Benzyl Chloride	UG/M3	1.04 U	53.3 U	1.04 U
Bromodichloromethane	UG/M3	1.34 U	69 U	1.34 U
Bromoform	UG/M3	2.07 U	106 U	2.07 U
Bromomethane	UG/M3	0.777 U	40 U	0.777 U
Carbon Disulfide	UG/M3	**3.49**	32.1 U	**1.32**
Carbon Tetrachloride	UG/M3	1.26 U	64.8 U	1.26 U
Chlorobenzene	UG/M3	0.921 U	47.4 U	0.921 U
Chloroethane	UG/M3	0.528 U	27.2 U	0.528 U
Chloroform	UG/M3	**29.8**	50.3 U	**3.69**
Chloromethane	UG/M3	0.413 U	21.3 U	0.413 U
Cis-1,2-Dichloroethylene	UG/M3	0.793 U	40.8 U	0.793 U
Cis-1,3-Dichloropropene	UG/M3	0.908 U	46.8 U	0.908 U
Cyclohexane	UG/M3	**50.6**	**1750**	**58.9**
Dibromochloromethane	UG/M3	1.7 U	87.8 U	1.7 U
Dichlorodifluoromethane	UG/M3	**3.56**	50.9 U	**2.25**
Ethanol	UG/M3	9.42 U	486 U	9.42 U
Ethyl Acetate	UG/M3	1.8 U	93 U	1.8 U
Ethylbenzene	UG/M3	**74.7**	**3270**	**112**
Hexachlorobutadiene	UG/M3	2.13 U	110 U	2.13 U
Isopropanol	UG/M3	**2.83**	63.4 U	1.23 U
m,p-Xylene	UG/M3	**270**	**8170**	**371**
Methyl Ethyl Ketone (2-Butanone)	UG/M3	**4.1**	76.1 U	**2.5**
Methyl Isobutyl Ketone (4-Methyl-2-Pentanone)	UG/M3	2.05 U	106 U	2.05 U
Methylene Chloride	UG/M3	1.74 U	89.6 U	1.74 U
Naphthalene	UG/M3	**1.21**	54 U	**4.9**
N-Heptane	UG/M3	**166**	**4340**	**150**
N-Hexane	UG/M3	**70.1**	**599**	**91.6**
O-Xylene (1,2-Dimethylbenzene)	UG/M3	**136**	**7690**	**222**
Styrene	UG/M3	0.852 U	43.9 U	0.852 U
Tert-Butyl Alcohol	UG/M3	**8.88**	78.2 U	**15**
Tert-Butyl Methyl Ether	UG/M3	0.721 U	37.1 U	0.721 U
Tetrachloroethylene (PCE)	UG/M3	**16**	69.8 U	**17.5**
Tetrahydrofuran	UG/M3	**6.31 J**	76.1 U	1.47 U
Toluene	UG/M3	**145**	**4450**	**201**
Trans-1,2-Dichloroethene	UG/M3	**2.51 J**	40.8 U	0.793 U
Trans-1,3-Dichloropropene	UG/M3	0.908 U	46.8 U	0.908 U
Trichloroethylene (TCE)	UG/M3	1.07 U	55.4 U	1.07 U
Trichlorofluoromethane	UG/M3	**2.12**	57.9 U	**1.21**
Vinyl Bromide	UG/M3	0.874 U	45 U	0.874 U
Vinyl Chloride	UG/M3	0.511 U	26.3 U	0.511 U

FIGURES

1. Site Location Map
2. Site Plan
3. 3A. RI/SRI Soil Sampling Locations
   3B. RI/SRI Monitoring Well Locations
   3C. RI Soil Vapor Point Locations
4. Surrounding Land Use and Potential Sensitive Receptors
5. Surrounding Wetlands and Surface Water Bodies
6. Groundwater Contour Map
7. RI/SRI Soil Sample Exceedances
8. RI/SRI Groundwater Sample Exceedances
9. Remedial Investigation Soil Vapor Sample Detections
10. A-A' Hydrogeologic Cross Section
11. B-B' Hydrogeologic Cross Section



QUADRANGLE LOCATION



N

1,000 0 1,000'

Title:

SITE LOCATION MAP

1451 WASHINGTON AVENUE, BRONX, NEW YORK 10456

Prepared for:

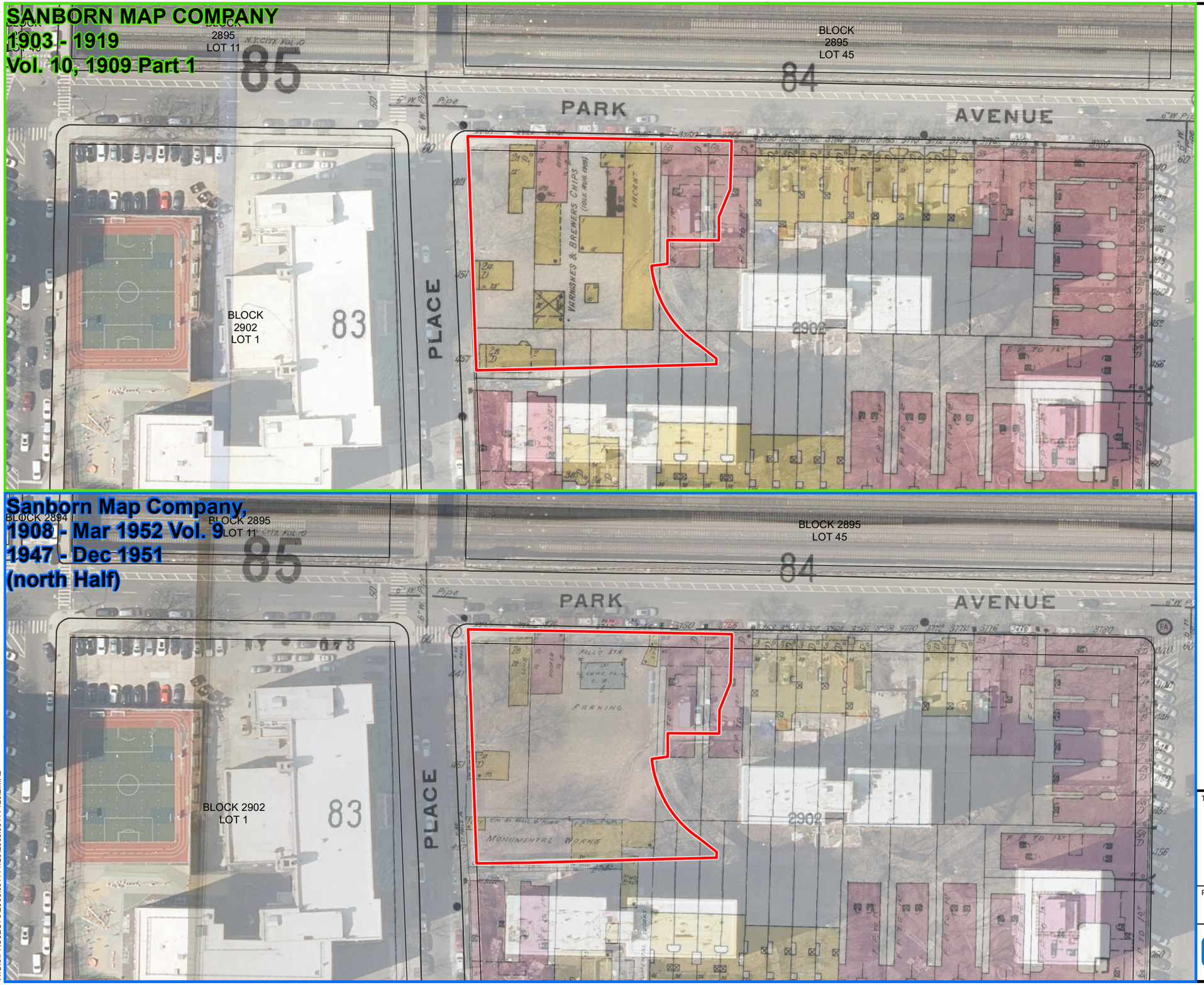
SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/02/25
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: D.M.H.	Project: 2908.0011Y000
File: 2908.0011Y123.1.mxd	

FIGURE 1

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LEGEND

- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. PARCEL INFORMATION SOURCE
   THE CITY OF NEW YORK
   FOR ILLUSTRATION PURPOSE
2. SANBORN SOURCE
   THE LIBRARY OF CONGRESS
   HTTPS://GUIDES.LOC.GOV/
   FIRE-INSURANCE-MAPS/SANBORN
3. AERIAL SOURCE: NYS OFFICE OF INFORMATION
   TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)

75 0 75'

Title:

SITE PLAN

1451 WASHINGTON AVENUE, BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/02/25	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	2
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.2.mxd		

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LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. FORMER SAMPLING LOCATIONS ARE FROM ROUX'S 2023 PHASE II ENVIRONMENTAL SITE ASSESSMENT.

30 0 30'

Title:

RI/SRI SOIL SAMPLING LOCATIONS

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/16/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	3A
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.3A.mxd		

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LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF MONITORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. FORMER SAMPLING LOCATIONS ARE FROM ROUX'S 2023 PHASE II ENVIRONMENTAL SITE ASSESSMENT.

30 0 30'

Title:

RI/SRI MONITORING WELL LOCATIONS

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/16/26	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	3B
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.3B.mxd		



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF SOIL VAPOR POINT
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)
2. FORMER SAMPLING LOCATIONS ARE FROM ROUX'S 2023 PHASE II ENVIRONMENTAL SITE ASSESSMENT.

30 0 30'

Title:

RI
SOIL VAPOR POINT LOCATIONS

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

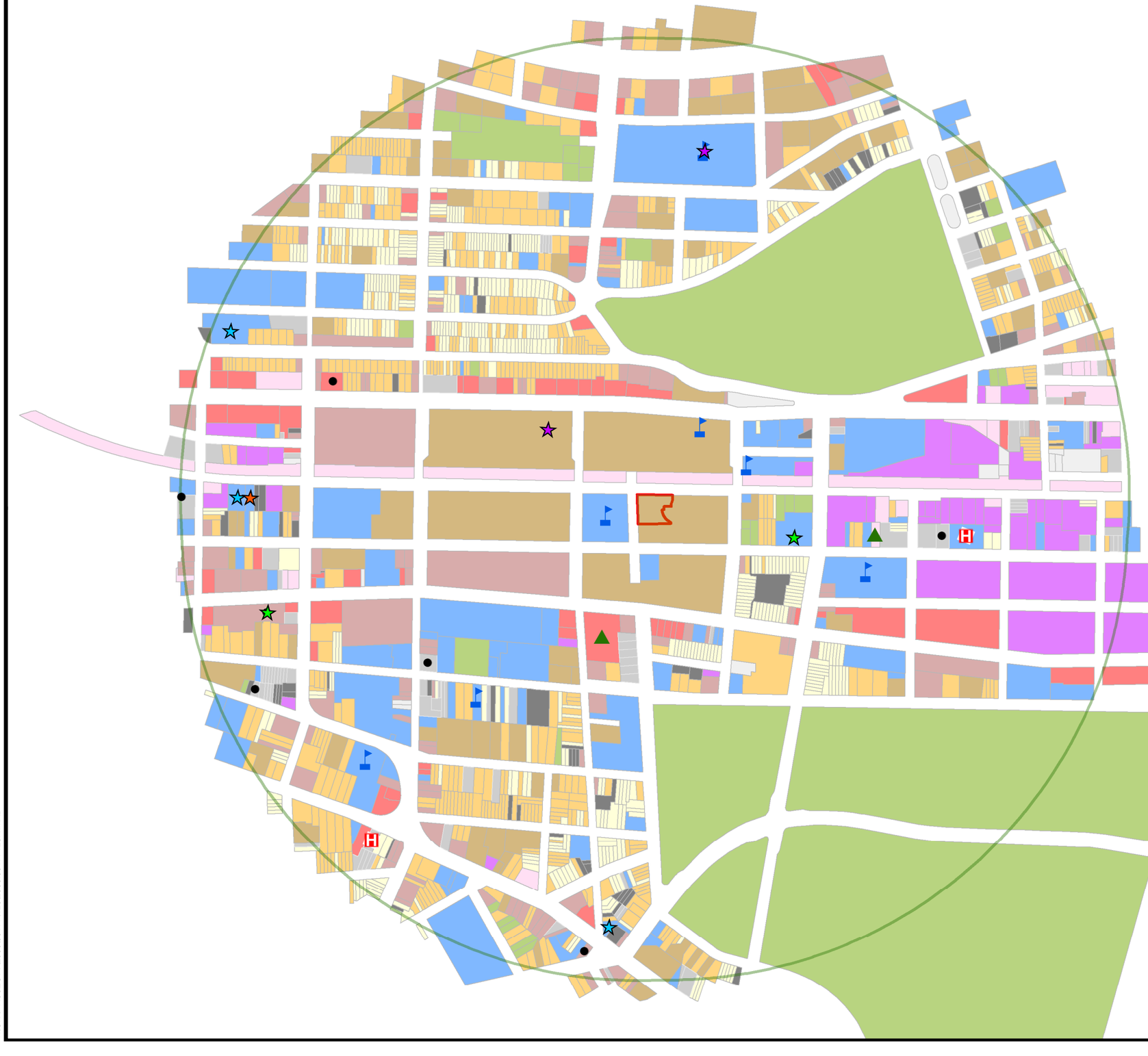
Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/02/25	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	
Project Mgr: D.M.H.	Project: 2908.0011Y000	3C
File: 2908.0011Y123.3C.mxd		

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LEGEND

BCP SITE BOUNDARY

1/2 MILE RADIUS AROUND SITE

SENSITIVE RECEPTORS

- CITY AGENCY, TRANSPORTATION, OFFICES
- CHILD SERVICES AND WELFARE
- DAY CARE AND PRE-KINDERGARTEN
- EMERGENCY SERVICES
- HEALTH CARE
- HUMAN SERVICES
- SCHOOLS (K-12)
- SOLID WASTE

LAND USE CATEGORIES NEW YORK CITY DEPARTMENT OF CITY PLANNING

- ALL OTHERS OR NO DATA
- ONE & TWO FAMILY BUILDINGS
- MULTI-FAMILY WALK-UP BUILDINGS
- MULTI-FAMILY ELEVATOR BUILDINGS
- MIXED COMMERCIAL & RESIDENTIAL BUILDINGS
- COMMERCIAL & OFFICE BUILDINGS
- INDUSTRIAL & MANUFACTURING
- TRANSPORATION & UTILITY
- PUBLIC FACILITIES & INSTITUTIONS
- OPEN SPACE & OUTDOOR RECREATION
- PARKING FACILITIES
- VACANT LAND

NOTES

1. FACILITY AND PARCEL SOURCE: NYC OPEN DATA

600 0 600'

Title:

SURROUNDING LAND USE AND POTENTIAL SENSITIVE RECEPTORS

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

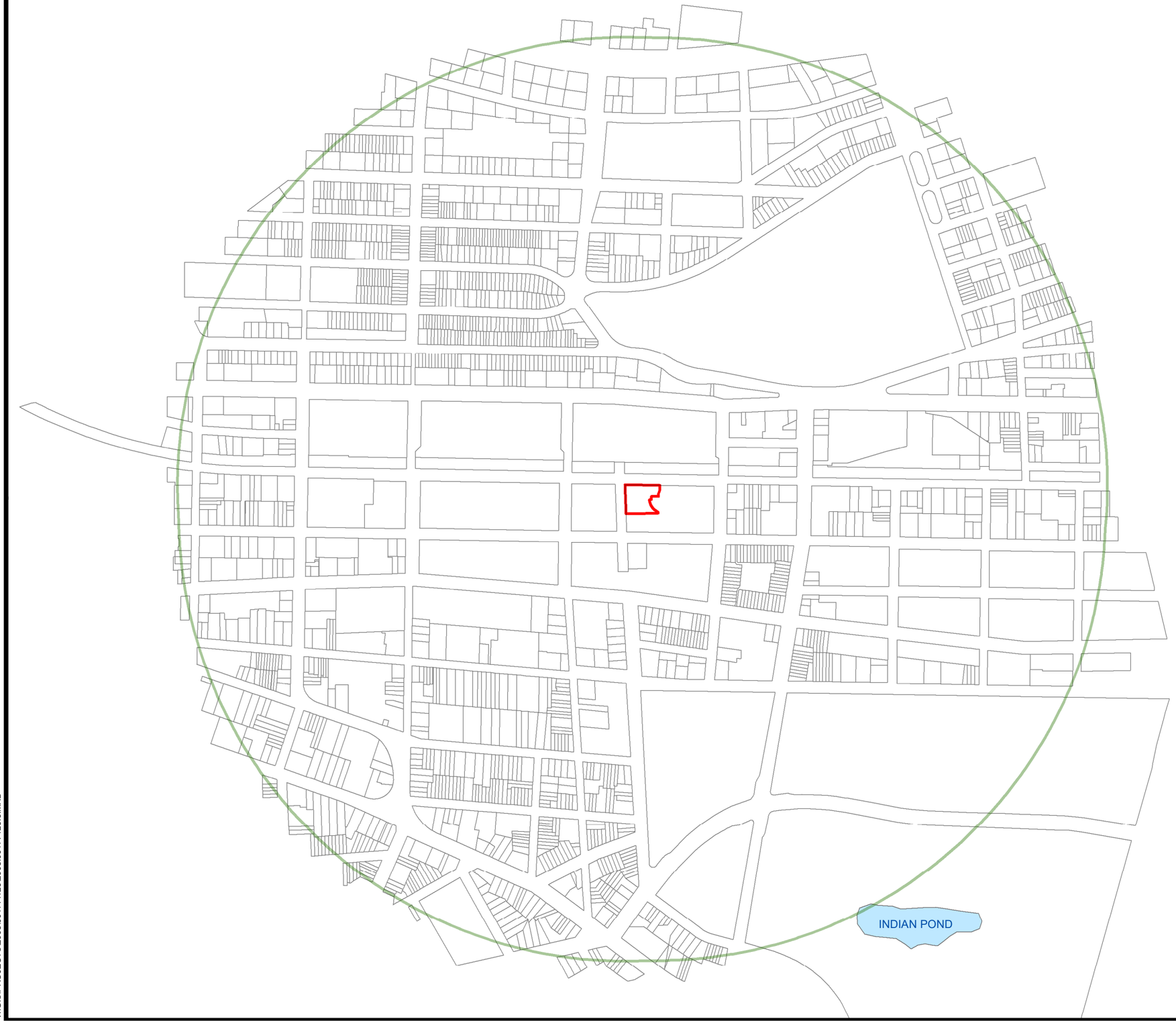
Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/02/25	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	4
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.4.mxd		

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LEGEND

- BCP SITE BOUNDARY
- 1/2 MILE RADIUS AROUND SITE
- PARCEL BOUNDARY
- LAKE/POND

NOTES

1. NO FRESHWATER OR TIDAL WETLANDS ARE PRESENT IN THE MAPPED AREA BASED ON THE UNITED STATES FISH AND WILDLIFE SERVICE'S NATIONAL WETLAND INVENTORY AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S INDEX OF NEW YORK STATE REGULATORY FRESHWATER WETLANDS AND REGULATORY TIDAL WETLANDS DATASET.
2. NO STREAMS OR SURFACE WATERS (OTHER THAN INDIAN POND) REMAIN IN THE MAPPED AREA BASED ON THE UNITED STATES GEOLOGICAL SURVEY'S NATIONAL HYDROGRAPHY DATASET AND THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION'S WATERBODY INVENTORY.
3. FACILITY AND PARCEL SOURCE: NYC OPEN DATA

600 0 600'

Title:

SURROUNDING WETLANDS AND SURFACE WATER BODIES

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/02/25	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	5
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.5.mxd		

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LEGEND

- MONITORING WELL
- INFERRED LINE OF EQUAL GROUNDWATER ELEVATION IN FEET (NAVD 1988)
- INFERRED GROUNDWATER FLOW DIRECTION
- BCP SITE BOUNDARY
- PARCEL BOUNDARY
- 20.82 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (NAVD 1988)

NOTES

1. AERIAL SOURCE: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES GIS PROGRAM OFFICE (GPO)

30 0 30'

Title:

GROUNDWATER CONTOUR MAP OCTOBER 4, 2024

1451 WASHINGTON AVENUE,
BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: D.M.H.	Date: 01/07/25	FIGURE
Prepared by: M.S.R.	Scale: AS SHOWN	6
Project Mgr: D.M.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.9.mxd		

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RISB-13

	09/04/2024	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/09/2024	09/09/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12	17 - 19	19 - 21
VOCs								
Acetone	ND	NA	NA	NA	NA	NA	NE	0.056
SVOCs								
Benzo(A)Anthracene	2.7 J	NE	1.2	NE	ND	NE	ND	ND
Benzo(A)Pyrene	2.4 J	NE	1.1	NE	ND	NE	ND	ND
Benzo(B)Fluoranthene	3.1 J	NE	1.4	NE	NE	NE	ND	ND
Benzo(G,H,I)Perylene	1.6	NE	0.74	NE	ND	ND	ND	ND
Benzo(K)Fluoranthene	0.94	NE	NE	NE	NE	NE	ND	ND
Chrysene	2.5 J	NE	1.3	NE	NE	NE	ND	ND
Dibenz(A,H)Anthracene	0.4	NE	NE	NE	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	1.6	NE	0.76	NE	ND	ND	ND	ND
Phenanthrene	4.2 J	NE	2.3	NE	ND	NE	ND	ND
Metals								
Beryllium	NE	NE	NE	NE	NE	NE	25.5	8.44
Chromium, Total	NE	NE	NE	NE	NE	NE	38.9	46.8
Lead	95.6 J	239	267	240	NE	NE	NE	NE
Mercury	NE	NE	0.21	NE	NE	NE	ND	ND
Nickel	NE	NE	NE	NE	NE	NE	39.3	NE
Zinc	NE	198	189	255	NE	NE	117	139
Pesticides/Herbicides								
P,P'-DDE	0.00763	NA	NA	NA	NA	NA	ND	ND
P,P'-DDT	0.0105	NA	NA	NA	NA	NA	ND	ND

RISB-12

	09/04/2024	09/04/2024	09/09/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6
SVOCs			
Benzo(A)Anthracene	1.2	1.6	NE
Benzo(A)Pyrene	1.2	1.5	ND
Benzo(B)Fluoranthene	1.6	2	ND
Benzo(G,H,I)Perylene	0.82	1.1	ND
Chrysene	1.3	1.6	NE
Indeno(1,2,3-C,D)Pyrene	0.81	1	ND
Phenanthrene	1.9	2.2	NE
Metals			
Copper	52.3	NE	NE
Lead	169	309	NE
Zinc	179	152	NE
Pesticides/Herbicides			
P,P'-DDE	0.023	0.00854	ND
P,P'-DDT	0.0608 J	0.00869	ND

RISB-14

	09/04/2024	12/04/2025	12/04/2025	12/04/2025	09/09/2024	09/09/2024
Depth (ft bls)	0 - 2	3 - 5	5 - 7	7 - 9	9 - 11	13 - 15
SVOCs						
Benzo(A)Anthracene	4.3	ND	ND	ND	ND	ND
Benzo(A)Pyrene	4.2	ND	ND	ND	ND	ND
Benzo(B)Fluoranthene	6.1	ND	ND	ND	ND	ND
Benzo(G,H,I)Perylene	2.9	ND	ND	ND	ND	ND
Benzo(K)Fluoranthene	1.3	ND	ND	ND	ND	ND
Chrysene	4.7	ND	ND	ND	ND	ND
Dibenz(A,H)Anthracene	0.69	ND	ND	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	2.9	ND	ND	ND	ND	ND
Phenanthrene	6.2	ND	ND	ND	ND	ND
Metals						
Beryllium	NE	9.2	8.8	6.7	5.85	8.22
Chromium III	NA	40.3	45	47.1	NA	NA
Chromium, Total	NE	40.3	45	47.1	34.5	NE
Lead	284	NE	NE	NE	NE	NE
Mercury	0.529	NE	NE	ND	ND	ND
Zinc	252	196	187	113	NE	319
Pesticides/Herbicides						
P,P'-DDE	0.0222	NA	NA	NA	ND	ND
P,P'-DDT	0.0368	NA	NA	NA	ND	ND

RISB-15

	09/06/2024	09/12/2024	09/12/2024	12/04/2025	12/04/2025
Depth (ft bls)	0 - 2	5 - 7	7 - 9	9 - 11	11 - 13
SVOCs					
Benzo(A)Anthracene	NE	1.7	NE	NE	NE
Benzo(A)Pyrene	NE	1.6	NE	NE	NE
Benzo(B)Fluoranthene	NE	2.1	NE	NE	NE
Benzo(G,H,I)Perylene	NE	1.1	NE	NE	NE
Chrysene	NE	1.6	NE	NE	NE
Indeno(1,2,3-C,D)Pyrene	NE	1.2	NE	NE	ND
Phenanthrene	NE	2.5	NE	NE	1.2 J
Metals					
Barium	NE	NE	NE	2150	NE
Chromium, Hexavalent	NE	ND	NA	11.8	ND
Copper	138	NE	NE	NE	NE
Lead	368	2840	NE	2910	NE
Mercury	NE	0.743	NE	0.24	ND
Zinc	186	934	119	918	NE
Pesticides/Herbicides					
cis-Chlordane	ND	0.0371 NJ	NA	NA	NA
Dieldrin	ND	0.00864	NA	NA	NA
P,P'-DDE	0.0246	0.305	NA	NA	NA
P,P'-DDT	0.0802	0.241	NA	NA	NA

RISB-11

	09/04/2024	09/09/2024
Depth (ft bls)	0 - 2	13 - 15
Pesticides/Herbicides		
P,P'-DDE	0.00341	ND
P,P'-DDT	0.0145	ND

RISB-10

	09/05/2024	09/05/2024	12/03/2025	12/03/2025	09/09/2024	09/09/2024
Depth (ft bls)	0 - 2	0 - 2	3 - 5	5 - 7	7 - 9	17 - 19
Metals						
Beryllium	NE	NE	NE	NE	10.2	10
Chromium, Total	NE	NE	NE	NE	NE	40.2
Manganese	NE	NE	NE	NE	NE	2610
Nickel	NE	NE	NE	NE	43	57.5
Zinc	NE	NE	NE	NE	514	390
Pesticides/Herbicides						
P,P'-DDE	0.0119	0.0105	NA	NA	0.0253	ND
P,P'-DDT	0.00893	0.00893	NA	NA	0.0247	ND

RISB-4

	09/04/2024	09/13/2024
Depth (ft bls)	0 - 2	20 - 22
Metals		
Beryllium	NE	10
Lead	71.3	NE
Pesticide/Herbicides		
P,P'-DDT	0.00351	ND
PFAS		
Perfluorooctanoic acid (PFOA)	0.981	ND

RISB-1

	09/06/2024	09/18/2024	09/18/2024
Depth (ft bls)	0 - 2	5 - 7	7 - 9
SVOCs			
Benzo(A)Anthracene	5	NE	NA
Benzo(A)Pyrene	5.4	NE	NA
Benzo(B)Fluoranthene	6.7	NE	NA
Benzo(G,H,I)Perylene	3.4	NE	NA
Benzo(K)Fluoranthene	2	NE	NA
Chrysene	4.4	NE	NA
Dibenz(A,H)Anthracene	0.83	NE	NA
Indeno(1,2,3-C,D)Pyrene	3.5	NE	NA
Phenanthrene	4.4	1.4	NA
Metals			
Barium	NE	667	NE
Beryllium	NE	NE	8.94
Lead	700	2350	89.1
Mercury	0.205	0.359	NE
Zinc	321	975	178
Pesticides/Herbicides			
cis-Chlordane	NE	0.0892	NA
Dieldrin	ND	0.00557 J	NA
P,P'-DDD	0.00758	ND	NA
P,P'-DDE	0.044	0.7	NA
P,P'-DDT	0.0547	0.841	NA

RISB-5

	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	12/04/2025	09/17/2024
Depth (ft bls)	0 - 2	2 - 4	2 - 4 DUP	4 - 6	6 - 8	8 - 10	17 - 19
SVOCs							
Phenanthrene	NE	1.4	NE	NE	ND	ND	ND
Metals							
Barium	NE	427	627	NE	NE	NE	NE
Beryllium	NE	NE	NE	NE	NE	6.8	6.14
Chromium III	NE	NE	NE	NE	NE	56.5	NA
Chromium, Total	NE	NE	NE	NE	NE	56.5	33.2
Lead	101	258	190	NE	NE	NE	NE
Manganese	NE	NE	NE	2060	NE	NE	NE
Nickel	NE	NE	NE	NE	NE	31.6	NE
Zinc	183	306	425	354	NE	212	141
Pesticides/Herbicides							
P,P'-DDE	NE	0.0053 J	0.0038 J	ND	ND	ND	ND
P,P'-DDT	NE	0.011	0.01	ND	ND	ND	ND

RISB-16

	09/06/2024	09/06/2024
Depth (ft bls)	0 - 2	3 - 5
SVOCs		
Benzo(A)Anthracene	1.5	NE
Benzo(A)Pyrene	1.5	NE
Benzo(B)Fluoranthene	2	NE
Benzo(G,H,I)Perylene	1	NE
Chrysene	1.4	NE
Indeno(1,2,3-C,D)Pyrene	1	NE
Phenanthrene	2	NE
Metals		
Lead	172	NE
Mercury	0.268	ND
Zinc	286	NE
Pesticides/Herbicides		
P,P'-DDE	0.017	NE
P,P'-DDT	0.0247	ND

RISB-9

	09/05/2024	09/05/2024
Depth (ft bls)	0 - 2	2 - 4
VOCs	ND	ND
SVOCs	NE	ND
Metals	NE	NE
PCBs	ND	ND
Pesticides/Herbicides	NE	ND

RISB-7

	09/05/2024	12/03/2025	12/03/2025	09/13/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	19 - 21
SVOCs				
Benzo(A)Anthracene	11	NE	ND	ND
Benzo(A)Pyrene	10	NE	ND	ND
Benzo(B)Fluoranthene	12	NE	ND	ND
Benzo(G,H,I)Perylene	6.8	NE	ND	ND
Benzo(K)Fluoranthene	4.1	NE	ND	ND
Chrysene	11	NE	ND	ND
Dibenz(A,H)Anthracene	1.4	NE	ND	ND
Indeno(1,2,3-C,D)Pyrene	6.4	NE	ND	ND
Phenanthrene	16	NE	NE	ND
Metals				
Beryllium	NE	NE	NE	6.13
Chromium, Hexavalent	ND	ND	ND	1.08 J-
Chromium, Total	NE	NE	NE	42.1
Copper	58.4	NE	NE	NE
Lead	427	217	NE	NE
Mercury	0.581	NE	ND	ND
Zinc	365	NE	NE	516
Pesticides/Herbicides				
cis-Chlordane	0.0178	NA	NA	ND
P,P'-DDD	0.00445	NA	NA	ND
P,P'-DDE	0.0208	NA	NA	ND
P,P'-DDT	0.0677	NA	NA	ND

RISB-6

	09/05/2024	12/03/2025	12/03/2025	09/13/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	15 - 17
SVOCs				
Benzo(A)Anthracene	9.7	ND	ND	NE
Benzo(A)Pyrene	12	NE	ND	NE
Benzo(B)Fluoranthene	13	NE	ND	NE
Benzo(G,H,I)Perylene	9.2	ND	ND	NE
Benzo(K)Fluoranthene	2.6	ND	ND	NE
Chrysene	10	ND	ND	NE
Dibenz(A,H)Anthracene	1.3	ND	ND	NE
Indeno(1,2,3-C,D)Pyrene	6.8	ND	ND	NE
Phenanthrene	8.3	ND	ND	NE
Metals				
Beryllium	NE	NE	NE	4.91
Chromium, Hexavalent	ND	ND	ND	1.13 J-
Chromium, Total	NE	NE	NE	42.7
Lead	199	NE	NE	NE
Mercury	1.48	NE	NE	NE
Zinc	177	NE	NE	260
Pesticides/Herbicides				
P,P'-DDE	0.00374 J	NA	NA	NE
P,P'-DDT	0.0111	NA	NA	ND

RISB-3

	09/10/2024	09/10/2024	12/02/2025	09/17/2024
Depth (ft bls)	0 - 2	0 - 2	3 - 5	5 - 7
SVOCs				
Benzo(A)Anthracene	NE	1.6	ND	ND
Benzo(A)Pyrene	NE	1.5	ND	ND
Benzo(B)Fluoranthene	NE	2 J	ND	ND
Benzo(G,H,I)Perylene	NE	1.1	ND	ND
Chrysene	NE	1.4	ND	ND
Indeno(1,2,3-C,D)Pyrene	NE	1	ND	ND
Phenanthrene	NE	2.3 J	ND	ND
Metals				
Chromium, Total	NE	NE	NE	33.2
Lead	178	265	NE	NE
Mercury	0.203	0.358	NE	ND
Zinc	120 J	199 J	NE	NE
Pesticides/Herbicides				
P,P'-DDE	0.00912 J	0.00864 J	NA	ND
P,P'-DDT	0.0124	0.0125	NA	ND
PFAS				
Perfluorooctanesulfonic acid (PFOS)	0.926	NA	NA	NA
Perfluorooctanoic acid (PFOA)	1.31	NA	NA	NA

RISB-8

	09/06/2024	09/06/2024	09/06/2024	12/02/2025	12/02/2025	12/02/2025
Depth (ft bls)	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	10 - 12
SVOCs						
Benzo(A)Anthracene	NE	1.6	1.7 J-	ND	ND	ND
Benzo(A)Pyrene	NE	1.8	1.4 J-	ND	ND	ND
Benzo(B)Fluoranthene	NE	2.4	1.9 J-	ND	ND	ND
Benzo(G,H,I)Perylene	NE	1.4	1.2 J-	ND	ND	ND
Chrysene	NE	1.6	1.6 J-	ND	ND	ND
Indeno(1,2,3-C,D)Pyrene	NE	1.4	1.1 J-	ND	ND	ND
Phenanthrene	NE	2	1.9 J-	ND	ND	ND
Metals						
Barium	NE	453	537	NE	NE	NE
Chromium, Hexavalent	ND	6.36	NA	ND	NE	ND
Copper	NE	76.4	53.4	NE	NE	NE
Lead	150	553	416	NE	NE	NE
Mercury	NE	2.03	0.389	ND	ND	ND
Zinc	150	424	512	NE	NE	NE
PCBs						
Polychlorinated Biphenyl (PCBs)	0.164	0.175	NA	NA	NA	NA
Pesticides/Herbicides						
P,P'-DDD	ND	0.00596	NA	NA	NA	NA
P,P'-DDE	0.00894	0.0266	NA	NA	NA	NA
P,P'-DDT	0.0153	0.0965	NA	NA	NA	NA

RISB-18

	09/05/2024	12/02/2025	12/02/2025	12/02/2025	09/12/2024	09/12/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	6 - 8	8 - 10	8 - 10 DUP
SVOCs						
Benzo(A)Anthracene	5.5	NE	ND	2.6	ND	ND
Benzo(A)Pyrene	5.2	NE	ND	3	ND	ND
Benzo(B)Fluoranthene	6.6	NE	ND	4	ND	ND
Benzo(G,H,I)Perylene	3.3	NE	ND	1.7	ND	ND
Benzo(K)Fluoranthene	2	NE	ND	1.5	ND	ND
Chrysene	5.5	NE	ND	3.6	ND	ND
Dibenz(A,H)Anthracene	0.8	NE	ND	0.42	ND	ND
Indeno(1,2,3-C,D)Pyrene	3.3	NE	ND	1.8	ND	ND
Phenanthrene	7.1	NE	ND	10	ND	ND
Metals						
Chromium III	NA	NE	35.3	NE	NA	NA
Chromium, Total	NE	NE	35.3	NE	36.2 J	NE
Copper	50.5	66.1	NE	NE	NE	103 J
Lead	100	589	NE	72.2	NE	NE
Mercury	NE	37.9	ND	NE	ND	ND
Nickel	NE	32	NE	NE	NE	NE
Zinc	178	373	NE	NE	169 J	NE
Pesticides/Herbicides						
P,P'-DDE	0.0117	NA	NA	NA	ND	ND
P,P'-DDT	0.039	NA	NA	NA	ND	ND

RISB-19

	09/10/2024	12/02/2025	09/12/2024
Depth (ft bls)	0 - 2	3 - 5	5 - 7
Metals			
Lead	70.2	110	NE
Zinc	NE	142	NE
Pesticides/Herbicides			
P,P'-DDE	0.0125	NA	ND
P,P'-DDT	0.00923	NA	ND

RISB-17

	09/19/2024	12/03/2025	12/03/2025	12/03/2025	12/03/2025	09/10/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	4 - 6 DUP	6 - 8	12 - 14
SVOCs						
Benzo(A)Anthracene	2.2	ND	ND	ND	ND	NE
Benzo(A)Pyrene	2.2	ND	ND	ND	ND	ND
Benzo(B)Fluoranthene	2.7	ND	ND	ND	ND	NE
Benzo(G,H,I)Perylene	1.5	ND	ND	ND	ND	ND
Chrysene	2	ND	ND	ND	ND	NE
Indeno(1,2,3-C,D)Pyrene	1.4	ND	ND	ND	ND	ND
Phenanthrene	3	ND	ND	ND	ND	NE
Metals						
Arsenic	NE	NE	19.6	20.7	13.9	ND
Beryllium	NE	10.8	12.2	11.2	7.4	NE
Chromium III	NA	61	58.3	67	NE	NA
Chromium, Total	NE	61	58.8	67.5	30.2	45
Lead	150	NE	NE	NE	NE	NE
Mercury	0.232	ND	ND	ND	ND	ND
Zinc	282	345	582	605	315	NE
Pesticides/Herbicides						
P,P'-DDE	0.0195	NA	NA	NA	NA	ND
P,P'-DDT	0.0178	NA	NA	NA	NA	ND
PFAS						
Perfluorooctanesulfonic acid (PFOS)	1.31	NA	NA	NA	NA	ND
Perfluorooctanoic acid (PFOA)	1.04	NA	NA	NA	NA	ND

RISB-2

	09/10/2024	12/02/2025	12/02/2025	09/17/2024
Depth (ft bls)	0 - 2	2 - 4	4 - 6	7 - 9
SVOCs				
Benzo(B)Fluoranthene	1.3	NE	ND	ND
Benzo(G,H,I)Perylene	0.68 J	NE	ND	ND
Indeno(1,2,3-C,D)Pyrene	0.63 J	NE	ND	ND
Phenanthrene	1.4	ND	ND	ND
Metals				
Barium	NE	2340	NE	NE
Chromium III	NA	44.9	NE	NA
Chromium, Total	NE	44.9	NE	NE
Lead	406	389	NE	NE
Zinc	246	181	NE	NE
Pesticides/Herbicides				
P,P'-DDE	0.0288	NA	NA	ND
P,P'-DDT	0.0295	NA	NA	ND
PFAS				
Perfluorooctanesulfonic acid (PFOS)	2.29	NA	NA	NA

Parameter	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Residential Soil Cleanup Objectives	NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives	Units
VOCs				
Acetone	0.03	100	0.03	mg/kg
SVOCs				
Benzo(A)Anthracene	1	1.4	1	mg/kg
Benzo(A)Pyrene	1	1	22	mg/kg
Benzo(B)Fluoranthene	1	1.4	2.1	mg/kg
Benzo(G,H,I)Perylene	0.64	4.9	1000	mg/kg
Benzo(K)Fluoranthene	0.8	4.9	2	mg/kg
Chrysene	1	4.9	1	mg/kg
Dibenz(A,H)Anthracene	0.33	0.33	1000	mg/kg
Indeno(1,2,3-C,D)Pyrene	0.5	1.4	6.6	mg/kg
Phenanthrene	1.1	4.9	1000	mg/kg
Metals				
Arsenic	13	16	16	mg/kg
Barium	410	410	820	mg/kg
Beryllium	4.4	43	47	mg/kg
Chromium III	30	110	--	mg/kg
Chromium, Hexavalent	1	1	19	mg/kg
Chromium, Total	30	110	--	mg/kg
Copper	50	280	1720	mg/kg
Lead	63	400	450	mg/kg
Manganese	1600	2000	2000	mg/kg
Mercury	0.18	0.3	0.73	mg/kg
Nickel	30	320	130	mg/kg
Zinc	109	6600	2480	mg/kg
PCBs				
Polychlorinated Biphenyl (PCBs)	0.1	1	3.2	mg/kg
Pesticides/Herbicides				
cis-Chlordane	0.014	0.65	4.5	mg/kg
Dieldrin	0.005	0.075	0.1	mg/kg
P,P'-DDD	0.0033	5	14	mg/kg
P,P'-DDE	0.0033	3.4	9.3	mg/kg
P,P'-DDT	0.0033	3.8	135	mg/kg
PFAS				
Perfluorooctanesulfonic acid (PFOS)	0.88	44	1	µg/kg
Perfluorooctanoic acid (PFOA)	0.66	33	0.8	µg/kg

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

- mg/kg - MILLIGRAMS PER KILOGRAM
- ug/kg - MICROGRAMS PER KILOGRAM
- NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
- -- NO NYSDEC PART 375 SOIL CLEANUP OBJECTIVES AVAILABLE
- J - ESTIMATED VALUE
- DUP - DUPLICATE SAMPLE
- VOCs - VOLATILE ORGANIC COMPOUNDS
- SVOCs - SEMIVOLATILE ORGANIC COMPOUNDS
- PCBs - POLYCHLORINATED BIPHENYLS
- PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
- NE - NO EXCEEDANCE
- ND - NO DETECTION
- ft bls - FEET BELOW LAND SURFACE

30 0 30'

Title:

RI/SRI
SOIL SAMPLE EXCEEDANCES

1451 WASHINGTON AVENUE
BRONX, NEW YORK 10456

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: B.H.	Date: 02/03/26
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: D.H.	Project: 2908.0011Y000
File: 2908.0011Y123.7.mxd	

FIGURE 7

V:\GIS\PROJECTS\2908\0011Y\123\2908.0011Y123.7.MXD



RIMW-5	10/01/2024	11/25/2025
Metals, Total		
Magnesium	**46800**	NA
Metals, Dissolved		
Magnesium	**45000**	NA
PFAS		
Perfluorooctanesulfonic acid (PFOS)	NA	**0.0138**
Perfluorooctanoic acid (PFOA)	NA	**0.0243**

RIMW-1	10/01/2024	10/01/2024 DUP	12/02/2025
Metals, Total			
Magnesium	**72800**	**77700**	NA
Sodium	**43900**	**43100**	NA
Metals, Dissolved			
Magnesium	**72100**	**74800**	NA
Sodium	**44000**	**43100**	NA
PFAS			
Perfluorooctanesulfonic acid (PFOS)	**0.0103**	**0.009**	**0.00916 EMPC**
Perfluorooctanoic acid (PFOA)	**0.05**	**0.048**	**0.0315**

RIMW-4	10/01/2024	12/02/2025	12/02/2025 DUP
Metals, Total			
Magnesium	**35300**	NA	NA
Sodium	**40400**	NA	NA
Metals, Dissolved			
Sodium	**38600**	NA	NA
PFAS			
Perfluorooctanesulfonic acid (PFOS)	NA	**0.00786**	**0.00913 EMPC**
Perfluorooctanoic acid (PFOA)	NA	**0.0142**	**0.0156**

RIMW-6	10/01/2024	11/25/2025
Metals, Total		
Magnesium	**42800**	NA
Sodium	**41800**	NA
Metals, Dissolved		
Magnesium	**41900**	NA
Sodium	**41600**	NA
PFAS		
Perfluorooctanesulfonic acid (PFOS)	**0.0255**	**0.0189**
Perfluorooctanoic acid (PFOA)	**0.021**	**0.0161**

RIMW-7	10/01/2024	11/26/2025
Metals, Total		
Iron	**751**	NA
Magnesium	**85700**	NA
Sodium	**25700**	NA
Metals, Dissolved		
Magnesium	**82300**	NA
Sodium	**25600**	NA
PFAS		
Perfluorooctanesulfonic acid (PFOS)	NA	**0.0053 EMPC**
Perfluorooctanoic acid (PFOA)	NA	**0.0281**

RIMW-8	10/01/2024	11/26/2025
SVOCs		
Phenol	**1.3 J**	NA
Metals, Total		
Magnesium	**47700**	NA
Sodium	**116000**	NA
Metals, Dissolved		
Magnesium	**45600**	NA
Sodium	**109000**	NA
PFAS		
Perfluorooctanesulfonic acid (PFOS)	NA	**0.0187**
Perfluorooctanoic acid (PFOA)	NA	**0.0202**

Parameter	NYSDEC AWQSGV	Units
VOCs	NE	µg/L
SVOCs		
Phenol	**1**	µg/L
Metals, Total		
Iron	**300**	µg/L
Magnesium	**35000**	µg/L
Sodium	**20000**	µg/L
Metals, Dissolved		
Iron	**300**	µg/L
Magnesium	**35000**	µg/L
Sodium	**20000**	µg/L
PCBs	ND	µg/L
Pesticides	ND	µg/L
PFAS		
Perfluorooctanesulfonic acid (PFOS)	**0.0027**	µg/L
Perfluorooctanoic acid (PFOA)	**0.0067**	µg/L

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF MONITORING WELL
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

A GROUNDWATER SAMPLE WAS NOT ABLE TO BE COLLECTED FROM RIMW-2 AND RIMW-3 DUE TO THE LACK OF GROUNDWATER PRESENT IN EACH MONITORING WELL FROM FLUCTUATING PERCHED GROUNDWATER CONDITIONS.
CONCENTRATIONS IN µG/L

- µG/L - MICROGRAMS PER LITER
- NG/L - NANOGRAMS PER LITER
- NYSDEC - NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
- AWQSGV - AMBIENT WATER-QUALITY STANDARDS AND GUIDANCE VALUES
- -- NO NYSDEC AWQSGV AVAILABLE
- J - ESTIMATED VALUE
- DUP - DUPLICATE SAMPLE
- VOCS - VOLATILE ORGANIC COMPOUNDS
- SVOCS - SEMIVOLATILE ORGANIC COMPOUNDS
- PCBS - POLYCHLORINATED BIPHENYLS
- PFAS - PER- AND POLYFLUOROALKYL SUBSTANCES
- NE - NO EXCEEDANCE
- ND - NO DETECTION
- EMPC – ESTIMATED MAXIMUM POSSIBLE CONCENTRATION

30 0 30'

Title:

RI/SRI
GROUNDWATER SAMPLE EXCEEDANCES

1451 WASHINGTON AVENUE
BRONX, NEW YORK 10456

Prepared for:

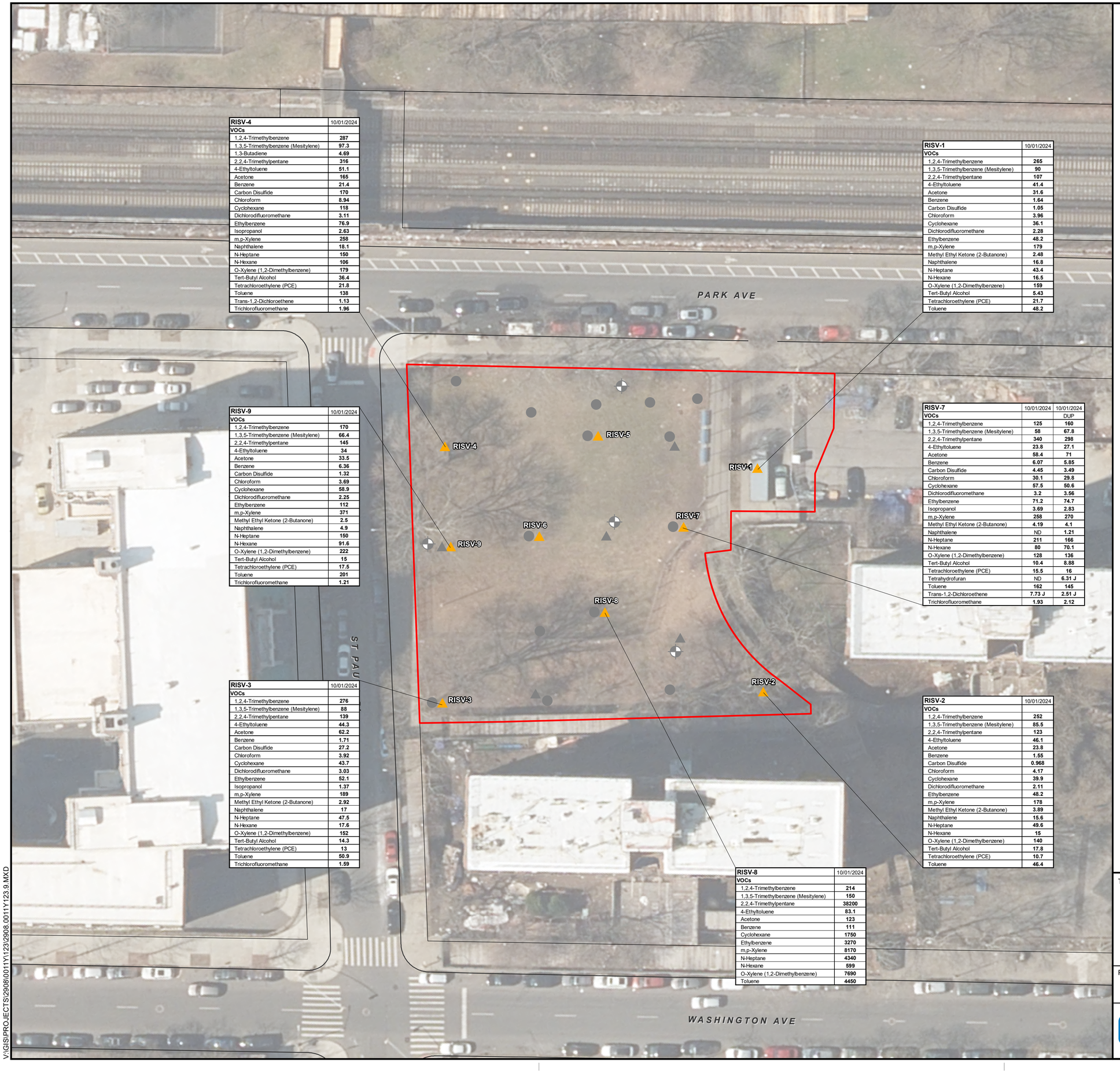
SOL ON PARK LLC

ROUX

Compiled by: B.H.	Date: 01/19/26
Prepared by: M.S.R.	Scale: AS SHOWN
Project Mgr: D.H.	Project: 2908.0011Y000
File: 2908.0011Y123.8.mxd	

FIGURE 8

V:\GIS\PROJECTS\2908\0011Y\123\2908.0011Y123.8.MXD



RISV-4	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	287
1,3,5-Trimethylbenzene (Mesitylene)	97.3
1,3-Butadiene	4.69
2,2,4-Trimethylpentane	316
4-Ethyltoluene	51.1
Acetone	165
Benzene	21.4
Carbon Disulfide	170
Chloroform	8.94
Cyclohexane	118
Dichlorodifluoromethane	3.11
Ethylbenzene	76.9
Isopropanol	2.63
m,p-Xylene	258
Naphthalene	18.1
N-Heptane	150
N-Hexane	106
O-Xylene (1,2-Dimethylbenzene)	179
Tert-Butyl Alcohol	36.4
Tetrachloroethylene (PCE)	21.8
Toluene	138
Trans-1,2-Dichloroethene	1.13
Trichlorofluoromethane	1.96

RISV-1	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	265
1,3,5-Trimethylbenzene (Mesitylene)	90
2,2,4-Trimethylpentane	107
4-Ethyltoluene	41.4
Acetone	31.6
Benzene	1.64
Carbon Disulfide	1.05
Chloroform	3.96
Cyclohexane	36.1
Dichlorodifluoromethane	2.28
Ethylbenzene	48.2
m,p-Xylene	179
Methyl Ethyl Ketone (2-Butanone)	2.48
Naphthalene	16.8
N-Heptane	43.4
N-Hexane	16.5
O-Xylene (1,2-Dimethylbenzene)	159
Tert-Butyl Alcohol	5.43
Tetrachloroethylene (PCE)	21.7
Toluene	48.2

RISV-9	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	170
1,3,5-Trimethylbenzene (Mesitylene)	66.4
2,2,4-Trimethylpentane	145
4-Ethyltoluene	34
Acetone	33.5
Benzene	6.36
Carbon Disulfide	1.32
Chloroform	3.69
Cyclohexane	58.9
Dichlorodifluoromethane	2.25
Ethylbenzene	112
m,p-Xylene	371
Methyl Ethyl Ketone (2-Butanone)	2.5
Naphthalene	4.9
N-Heptane	150
N-Hexane	91.6
O-Xylene (1,2-Dimethylbenzene)	222
Tert-Butyl Alcohol	15
Tetrachloroethylene (PCE)	17.5
Toluene	201
Trichlorofluoromethane	1.21

RISV-7	10/01/2024	10/01/2024
VOCs		DUP
1,2,4-Trimethylbenzene	125	160
1,3,5-Trimethylbenzene (Mesitylene)	58	67.8
2,2,4-Trimethylpentane	340	298
4-Ethyltoluene	23.8	27.1
Acetone	58.4	71
Benzene	6.07	5.85
Carbon Disulfide	4.45	3.49
Chloroform	30.1	29.8
Cyclohexane	57.5	50.6
Dichlorodifluoromethane	3.2	3.56
Ethylbenzene	71.2	74.7
Isopropanol	3.69	2.83
m,p-Xylene	258	270
Methyl Ethyl Ketone (2-Butanone)	4.19	4.1
Naphthalene	ND	1.21
N-Heptane	211	166
N-Hexane	80	70.1
O-Xylene (1,2-Dimethylbenzene)	128	136
Tert-Butyl Alcohol	10.4	8.88
Tetrachloroethylene (PCE)	15.5	16
Tetrahydrofuran	ND	6.31 J
Toluene	162	145
Trans-1,2-Dichloroethene	7.73 J	2.51 J
Trichlorofluoromethane	1.93	2.12

RISV-3	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	276
1,3,5-Trimethylbenzene (Mesitylene)	88
2,2,4-Trimethylpentane	139
4-Ethyltoluene	44.3
Acetone	62.2
Benzene	1.71
Carbon Disulfide	27.2
Chloroform	3.92
Cyclohexane	43.7
Dichlorodifluoromethane	3.03
Ethylbenzene	52.1
Isopropanol	1.37
m,p-Xylene	189
Methyl Ethyl Ketone (2-Butanone)	2.92
Naphthalene	17
N-Heptane	47.5
N-Hexane	17.6
O-Xylene (1,2-Dimethylbenzene)	152
Tert-Butyl Alcohol	14.3
Tetrachloroethylene (PCE)	13
Toluene	50.9
Trichlorofluoromethane	1.59

RISV-2	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	252
1,3,5-Trimethylbenzene (Mesitylene)	85.5
2,2,4-Trimethylpentane	123
4-Ethyltoluene	46.1
Acetone	23.8
Benzene	1.55
Carbon Disulfide	0.968
Chloroform	4.17
Cyclohexane	39.9
Dichlorodifluoromethane	2.11
Ethylbenzene	48.2
m,p-Xylene	178
Methyl Ethyl Ketone (2-Butanone)	3.89
Naphthalene	15.6
N-Heptane	49.6
N-Hexane	15
O-Xylene (1,2-Dimethylbenzene)	140
Tert-Butyl Alcohol	17.8
Tetrachloroethylene (PCE)	10.7
Toluene	46.4

RISV-8	10/01/2024
VOCs	
1,2,4-Trimethylbenzene	214
1,3,5-Trimethylbenzene (Mesitylene)	150
2,2,4-Trimethylpentane	38200
4-Ethyltoluene	83.1
Acetone	123
Benzene	111
Cyclohexane	1750
Ethylbenzene	3270
m,p-Xylene	8170
N-Heptane	4340
N-Hexane	599
O-Xylene (1,2-Dimethylbenzene)	7690
Toluene	4450

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF SOIL VAPOR POINT
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

NOTES

A SOIL VAPOR SAMPLE WAS NOT ABLE TO BE COLLECTED FROM RISV-5 AND RISV-6 DUE TO UNEXPECTED INFILTRATION OF FLUCTUATING PERCHED GROUNDWATER INTO THE SOIL VAPOR POINT. CONCENTRATIONS IN µG/M3

µG/M3 - MICROGRAMS PER CUBIC METER
VOCS - VOLATILE ORGANIC COMPOUNDS
ND - COMPOUND WAS ANALYZED FOR BUT NOT DETECTED

30 0 30'

Title:

REMEDIAL INVESTIGATION SOIL VAPOR SAMPLE DETECTIONS

1451 WASHINGTON AVENUE
BRONX, NEW YORK 10456

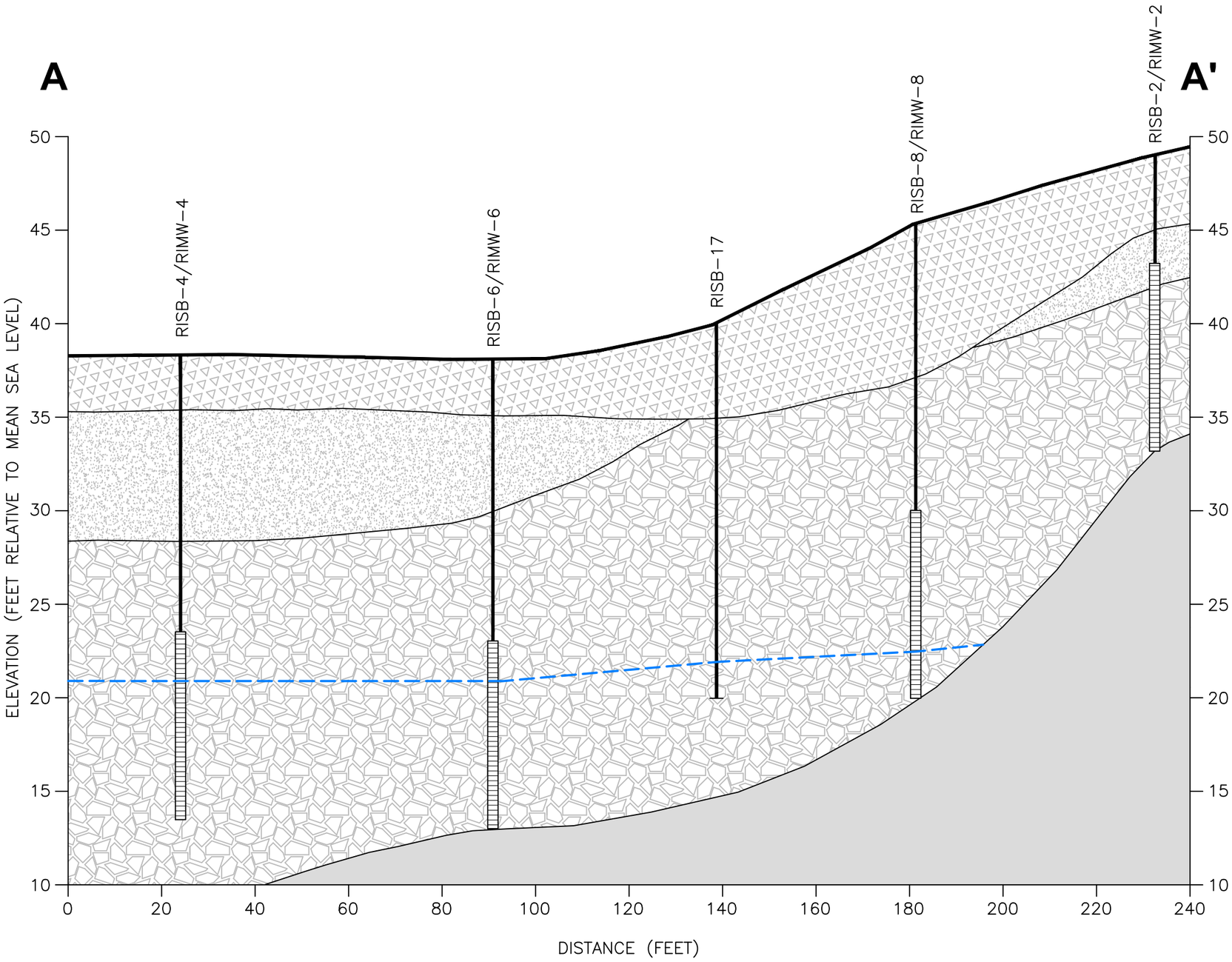
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SOL ON PARK LLC

ROUX

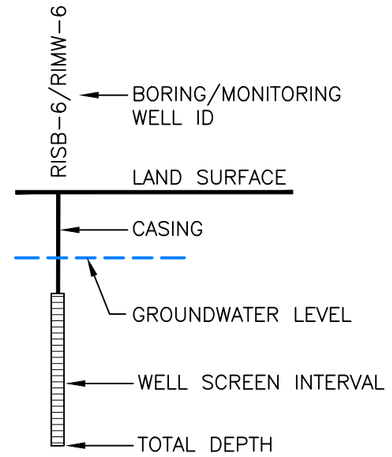
Compiled by: B.H.	Date: 01/16/26	FIGURE 9
Prepared by: M.S.R.	Scale: AS SHOWN	
Project Mgr: D.H.	Project: 2908.0011Y000	
File: 2908.0011Y123.9.mxd		

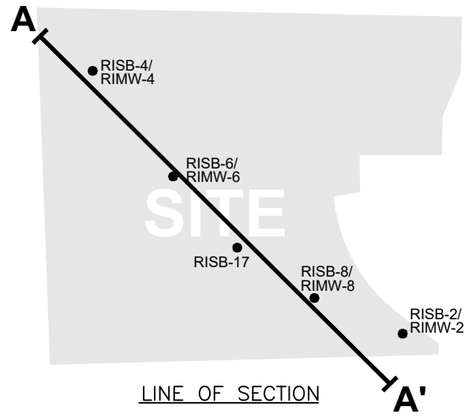
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LEGEND

- FILL
- DECOMPOSED ROCK
- FINE–COARSE SAND
- BEDROCK





Title:

CROSS SECTION A-A'

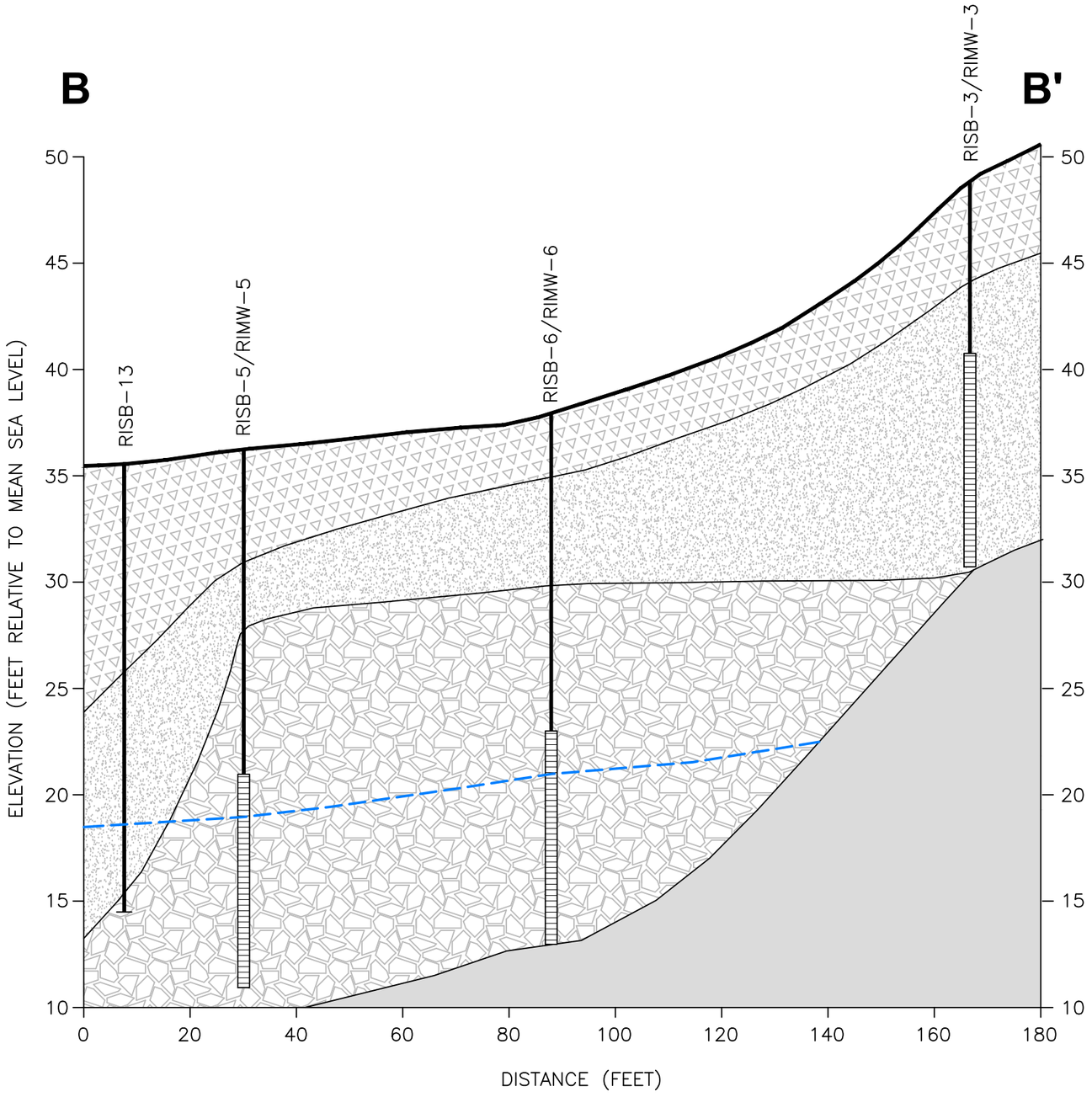
Prepared for:

SOL ON PARK LLC

ROUX

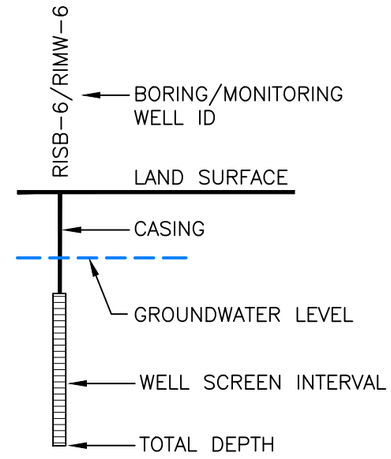
Compiled by: R.L.	Date: 1/13/2025	FIGURE
Prepared by: B.H.C.	Scale: AS SHOWN	10
Project Mgr: R.L.	Project: 2908.0011Y000	
File: 2908.0011Y123.01.DWG		

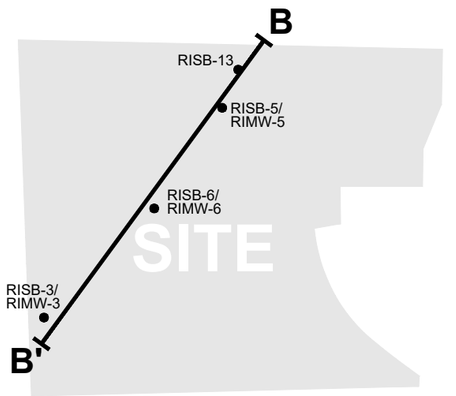
V:\CAD\PROJECTS\2908Y\0011Y\1232908.0011Y123.01.DWG BCICIO



LEGEND

- FILL
- DECOMPOSED ROCK
- FINE–COARSE SAND
- BEDROCK





LINE OF SECTION

Title:

CROSS SECTION B-B'

Prepared for:

SOL ON PARK LLC

ROUX

Compiled by: R.L.	Date: 1/13/2025
Prepared by: B.H.C.	Scale: AS SHOWN
Project Mgr: R.L.	Project: 2908.0011Y000
File: 2908.0011Y123.01.DWG	

FIGURE 11

V:\CAD\PROJECTS\2908\Y0011Y123\2908.0011Y123.01.DWG BCICIO

APPENDICES

A. Redevelopment Plans
B. Previous Environmental Investigation Reports
C. Daily and CAMP Reports
D. Data Usability Summary Reports
E. RI Soil Boring and Well Construction Logs
F. SRI Soil Boring Logs
G. RI/SRI Groundwater Sampling Forms
H. RI Soil Vapor Sampling Forms
I. RI/SRI Analytical Data

APPENDIX A

Redevelopment Plans



Sol On Park

1451 Washington Avenue, Bronx, NY

04/11/2024

REPRICING SET - CELLAR REMOVAL

DOB NOW APPLICATIONS

NB: X01091719-11
FOUNDATION: X01091719-S1
SOE: X01091719-S2
STRUCTURAL: X01091719-S3
MS: X01091719-S4
PL: X01091719-S5
SPSD: X01091719-S6
TEMP-SD: X01091719-S7

DOB SEAL:

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
1	3/31/2023	80% Schematic Design
2	4/14/2023	95% Schematic Design
3	5/1/2023	100% Schematic Design
4	5/10/2023	HPD BLDS Design Consultation
5	9/01/2023	50% Design Development
6	04/12/2024	4/12/2024 DD Progress
7	06/28/2024	Full DD Set / DOB Filing
8	04/11/2025	Repricing Set - Cellar Removal

Revisions:

Architect:

Magnusson Architecture & Planning PC
42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

Structural Engineer:

GACE Consulting Engineers
148 Madison Avenue 4th Floor
New York NY 10016
Tel (212) 545 7878

MEP Engineer:

Ettinger Engineering Associates
505 8th Avenue #2400
New York NY 10018
Tel (212) 244 2410

Landscape Architect:

W Architecture & Landscape Architecture
374 Fulton Street 3rd Floor
Brooklyn NY 11201
Tel (212) 981 3933

Civil Engineer:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016
Tel (212) 696 0670

Filing Representative:

JM Zoning LLC
225 Broadway #1300
New York NY 10007
Tel (212) 964 4464

Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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COVER PAGE

SEAL & SIGNATURE:

REGISTERED ARCHITECT BRIAN LOUGHLIN 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	T-001.00
SCALE:	1 OF 1

DRAWING LIST — 4/11/2025 REPRICING SET - CELLAR REMOVAL

ARCHITECTURAL

T-001.00	COVER PAGE
T-002.00	DRAWING INDEX
Z-010.00	FLOOR AREA ANALYSIS
A-100.00	DETENTION TANK FLOOR PLAN
A-101.00	1ST (GROUND) FLOOR PLAN
A-102.00	2ND (PLAZA) FLOOR PLAN
A-121.00	1ST (GROUND) FLOOR RCP
A-122.00	2ND (PLAZA) FLOOR RCP
A-300.00	BUILDING SECTION
A-301.00	BUILDING SECTION
A-500.00	STAIR PLANS & SECTIONS
A-501.00	STAIR PLANS & SECTIONS
A-504.00	STAIR PLANS & SECTIONS
A-505.00	STAIR PLANS & SECTIONS
A-510.00	ELEVATOR A1 PLAN, DETAILS, & NOTES
A-511.00	ELEVATOR A1 SECTIONS

STRUCTURAL/FO

FO-001	FOUNDATION NOTES AND DETAILS
FO-101	FOUNDATION AND CELLAR FRAMING PLAN
FO-201	FOUNDATION SECTIONS
S-006	TYPICAL DETAILS 4
S-101	1ST (GROUND) FLOOR FRAMING PLAN
S-201	SECTIONS
S-301	COLUMN SCHEDULE 1
S-302	COLUMN SCHEDULE 2
S-303	COLUMN SCHEDULE 3
S-304	COLUMN SCHEDULE 4
S-305	SCHEDULES
S-401	SHEAR WALL DETAILS AND SCHEDULES

CIVIL

C-401.00	Site Plan 1
C-701.00	Drainage Plan 1

MECHANICAL

M-001.00	MECHANICAL - LEAD SHEET
M-002.00	MECHANICAL - LEAD SHEET 2
M-003.00	MECHANICAL - SCHEDULES
M-101.00	MECHANICAL - 1ST (GROUND) FLOOR PLAN
M-102.00	MECHANICAL - 2ND (PLAZA) FLOOR PLAN
M-300.00	MECHANICAL - VENTILATION RISER DIAGRAM-1
M-301.00	MECHANICAL - VENTILATION RISER DIAGRAM -2
M-304.00	MECHANICAL - REFRIGERANT RISER DIAGRAM-1

ELECTRICAL

E-001.00	ELECTRICAL - LEAD SHEET
E-002.00	ELECTRICAL - LIGHTING FIXTURE SCHEDULE
E-100.00	ELECTRICAL - 1ST (GROUND) FLOOR CONDUIT ROUTING PLAN
E-101.00	ELECTRICAL - 1ST (GROUND) FLOOR POWER PLAN
E-102.00	ELECTRICAL - 2ND (PLAZA) FLOOR POWER PLAN
E-201.00	ELECTRICAL - 1ST (GROUND) FLOOR LIGHTING PLAN
E-202.00	ELECTRICAL - 2ND (PLAZA) FLOOR LIGHTING PLAN
E-300.00	ELECTRICAL - POWER RISER DIAGRAM

PLUMBING

P-001.00	PLUMBING - LEAD SHEET
P-002.00	PLUMBING - SCHEDULE
P-099.00	PLUMBING - UNDERGROUND PLAN
P-101.00	PLUMBING - 1ST (GROUND) FLOOR PLAN
P-102.00	PLUMBING - 2ND (PLAZA) FLOOR PLAN
P-308.00	PLUMBING - WATER RISER DIAGRAM
P-309.00	PLUMBING - STORM RISER DIAGRAM
P-310.00	PLUMBING - GAS RISER DIAGRAM
P-311.00	PLUMBING - SANITARY RISER DIAGRAM

SPRINKLER/STANDPIPE

FP-001.00	SPRINKLER/STANDPIPE - LEAD SHEET
FP-002.00	SPRINKLER/STANDPIPE - SCHEDULES
FP-101.00	SPRINKLER/STANDPIPE - 1ST (GROUND) FLOOR PLAN
FP-102.00	SPRINKLER/STANDPIPE - 2ND (PLAZA) FLOOR PLAN
FP-200.00	SPRINKLER/STANDPIPE - RISER DIAGRAM

FIRE ALARM

FA-001.00	FIRE ALARM - LEAD SHEET
FA-002.00	FIRE ALARM - FSAE DETAIL
FA-101.00	FIRE ALARM - 1ST (GROUND) FLOOR PLAN
FA-102.00	FIRE ALARM - 2ND (PLAZA) FLOOR PLAN
FA-200.00	FIRE ALARM - RISER DIAGRAM

TEMP STANDPIPE

SD-001.00	TEMPORARY STANDPIPE - LEAD SHEET
SD-101.00	TEMPORARY STANDPIPE - 1ST (GROUND) FLOOR PLAN
SD-102.00	TEMPORARY STANDPIPE - 2ND (PLAZA) FLOOR PLAN
SD-200.00	TEMPORARY STANDPIPE - RISER DIAGRAM

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
1	3/31/2023	80% Schematic Design
2	5/1/2023	100% Schematic Design
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4	04/12/2024	4/12/2024 DD Progress
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225 Broadway #1300
New York NY 10007
Tel (212) 964 4464

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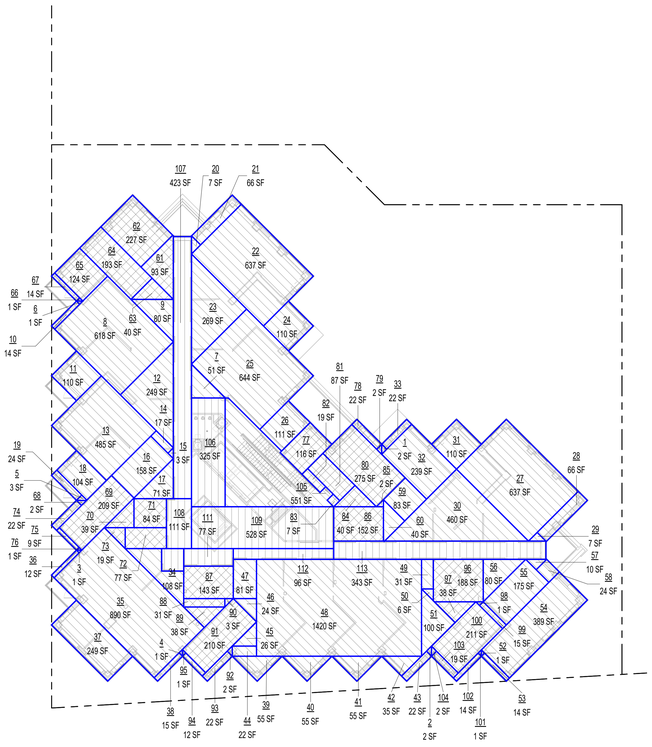
DRAWING INDEX

DOB SEAL:

SEAL & SIGNATURE:

REGISTERED ARCHITECT
RYAN LOUGHLIN
045828
STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	T-002.00
SCALE:	2 OF 2



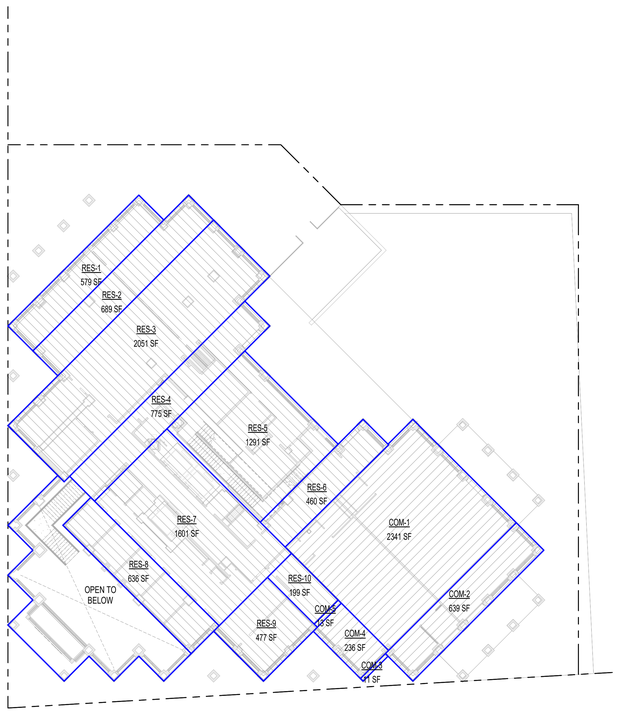
5 3RD FLOOR - GROSS FLOOR AREA
1/16" = 1'-0"

FLOOR AREA BY USE GROUP - 3RD FLOOR

Name	Area Group	Area
Common Areas		
105	Common Areas	551 SF
106	Common Areas	325 SF
107	Common Areas	423 SF
108	Common Areas	111 SF
109	Common Areas	526 SF
111	Common Areas	77 SF
111	Common Areas	44 SF
112	Common Areas	90 SF
113	Common Areas	343 SF
		2497 SF
Residential		
1	Residential	2 SF
2	Residential	2 SF
3	Residential	1 SF
4	Residential	1 SF
5	Residential	3 SF
6	Residential	1 SF
7	Residential	51 SF
8	Residential	618 SF
9	Residential	80 SF
10	Residential	14 SF
11	Residential	110 SF
12	Residential	249 SF
13	Residential	485 SF
14	Residential	17 SF
15	Residential	3 SF
16	Residential	158 SF
17	Residential	71 SF
18	Residential	104 SF
19	Residential	24 SF
20	Residential	7 SF
21	Residential	66 SF
22	Residential	637 SF
23	Residential	269 SF
24	Residential	110 SF
25	Residential	644 SF
26	Residential	111 SF
27	Residential	637 SF
28	Residential	66 SF
29	Residential	7 SF
30	Residential	460 SF
31	Residential	110 SF
32	Residential	239 SF
33	Residential	22 SF
34	Residential	108 SF
35	Residential	890 SF
36	Residential	12 SF
37	Residential	249 SF
38	Residential	15 SF
39	Residential	55 SF
40	Residential	55 SF
41	Residential	55 SF
42	Residential	35 SF
43	Residential	22 SF
44	Residential	22 SF
45	Residential	26 SF
46	Residential	24 SF
47	Residential	81 SF
48	Residential	1420 SF
49	Residential	31 SF
50	Residential	6 SF
51	Residential	100 SF

FLOOR AREA BY USE GROUP - 3RD FLOOR

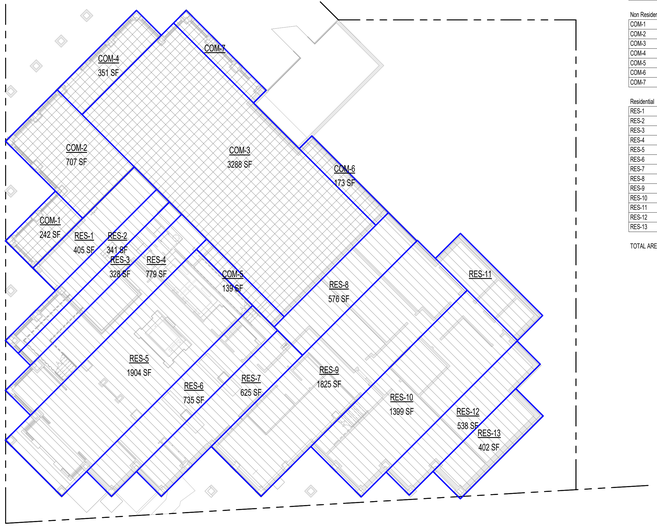
Name	Area Group	Area
52	Residential	1 SF
53	Residential	14 SF
54	Residential	389 SF
55	Residential	175 SF
56	Residential	80 SF
57	Residential	10 SF
58	Residential	24 SF
59	Residential	83 SF
60	Residential	40 SF
		9399 SF
Use Group 3A		
61	Use Group 3A	93 SF
62	Use Group 3A	227 SF
63	Use Group 3A	40 SF
64	Use Group 3A	193 SF
65	Use Group 3A	124 SF
66	Use Group 3A	1 SF
67	Use Group 3A	14 SF
68	Use Group 3A	2 SF
69	Use Group 3A	209 SF
70	Use Group 3A	39 SF
71	Use Group 3A	94 SF
72	Use Group 3A	77 SF
73	Use Group 3A	19 SF
74	Use Group 3A	22 SF
75	Use Group 3A	9 SF
76	Use Group 3A	1 SF
77	Use Group 3A	116 SF
78	Use Group 3A	22 SF
79	Use Group 3A	2 SF
80	Use Group 3A	275 SF
81	Use Group 3A	87 SF
82	Use Group 3A	19 SF
83	Use Group 3A	7 SF
84	Use Group 3A	40 SF
85	Use Group 3A	2 SF
86	Use Group 3A	152 SF
87	Use Group 3A	143 SF
88	Use Group 3A	31 SF
89	Use Group 3A	38 SF
90	Use Group 3A	3 SF
91	Use Group 3A	210 SF
92	Use Group 3A	2 SF
93	Use Group 3A	22 SF
94	Use Group 3A	12 SF
95	Use Group 3A	1 SF
96	Use Group 3A	188 SF
97	Use Group 3A	38 SF
98	Use Group 3A	1 SF
99	Use Group 3A	15 SF
100	Use Group 3A	211 SF
101	Use Group 3A	1 SF
102	Use Group 3A	14 SF
103	Use Group 3A	19 SF
104	Use Group 3A	2 SF
		2826 SF
TOTAL GROSS FLOOR AREA		14725 SF



3 2ND FLOOR - GROSS FLOOR AREA
1/16" = 1'-0"

FLOOR AREA ANALYSIS - 2ND FLOOR

Name	Area Group	Area
Non Residential - Community Facility		
COM-1	Non Residential - Community Facility	2341 SF
COM-2	Non Residential - Community Facility	639 SF
COM-3	Non Residential - Community Facility	11 SF
COM-4	Non Residential - Community Facility	236 SF
COM-5	Non Residential - Community Facility	13 SF
		3240 SF
Residential		
RES-1	Residential	579 SF
RES-2	Residential	689 SF
RES-3	Residential	2051 SF
RES-4	Residential	775 SF
RES-5	Residential	1291 SF
RES-6	Residential	460 SF
RES-7	Residential	1601 SF
RES-8	Residential	636 SF
RES-9	Residential	477 SF
RES-10	Residential	199 SF
		8760 SF
TOTAL AREA		12000 SF



2 GROUND FLOOR - GROSS FLOOR AREA
1/16" = 1'-0"

FLOOR AREA ANALYSIS - GROUND FLOOR

Name	Area Group	Area
Non Residential - Community Facility		
COM-1	Non Residential - Community Facility	242 SF
COM-2	Non Residential - Community Facility	707 SF
COM-3	Non Residential - Community Facility	3288 SF
COM-4	Non Residential - Community Facility	351 SF
COM-5	Non Residential - Community Facility	139 SF
COM-6	Non Residential - Community Facility	173 SF
COM-7	Non Residential - Community Facility	180 SF
		5079 SF
Residential		
RES-1	Residential	405 SF
RES-2	Residential	341 SF
RES-3	Residential	328 SF
RES-4	Residential	779 SF
RES-5	Residential	1904 SF
RES-6	Residential	735 SF
RES-7	Residential	625 SF
RES-8	Residential	576 SF
RES-9	Residential	1825 SF
RES-10	Residential	1399 SF
RES-11	Residential	365 SF
RES-12	Residential	538 SF
RES-13	Residential	402 SF
TOTAL AREA		15301 SF



1 DETENTION TANK LEVEL- GROSS FLOOR AREA
1/16" = 1'-0"

GROSS FLOOR AREA LEGEND

- RESIDENTIAL USE - AIRS
- COMMUNITY FACILITY USE
- USE GROUP 3
- USE GROUP 3A

FLOOR AREA ANALYSIS - CELLAR FLOOR

Name	Area Group	Area
Residential		
1	Residential	1092 SF
2	Residential	470 SF
3	Residential	124 SF
4	Residential	149 SF
TOTAL GROSS FLOOR AREA		1836 SF

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
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2	04/12/2024	4/12/2024 DD Progress
3	06/28/2024	Full DD Set / DOB Filing
4	11/04/2024	DOB Resubmission
5	04/11/2025	Repricing Set - Cellar Removal

Revisions:

Architect:

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42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

Structural Engineer:

GACE Consulting Engineers
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FLOOR AREA ANALYSIS

SEAL & SIGNATURE:

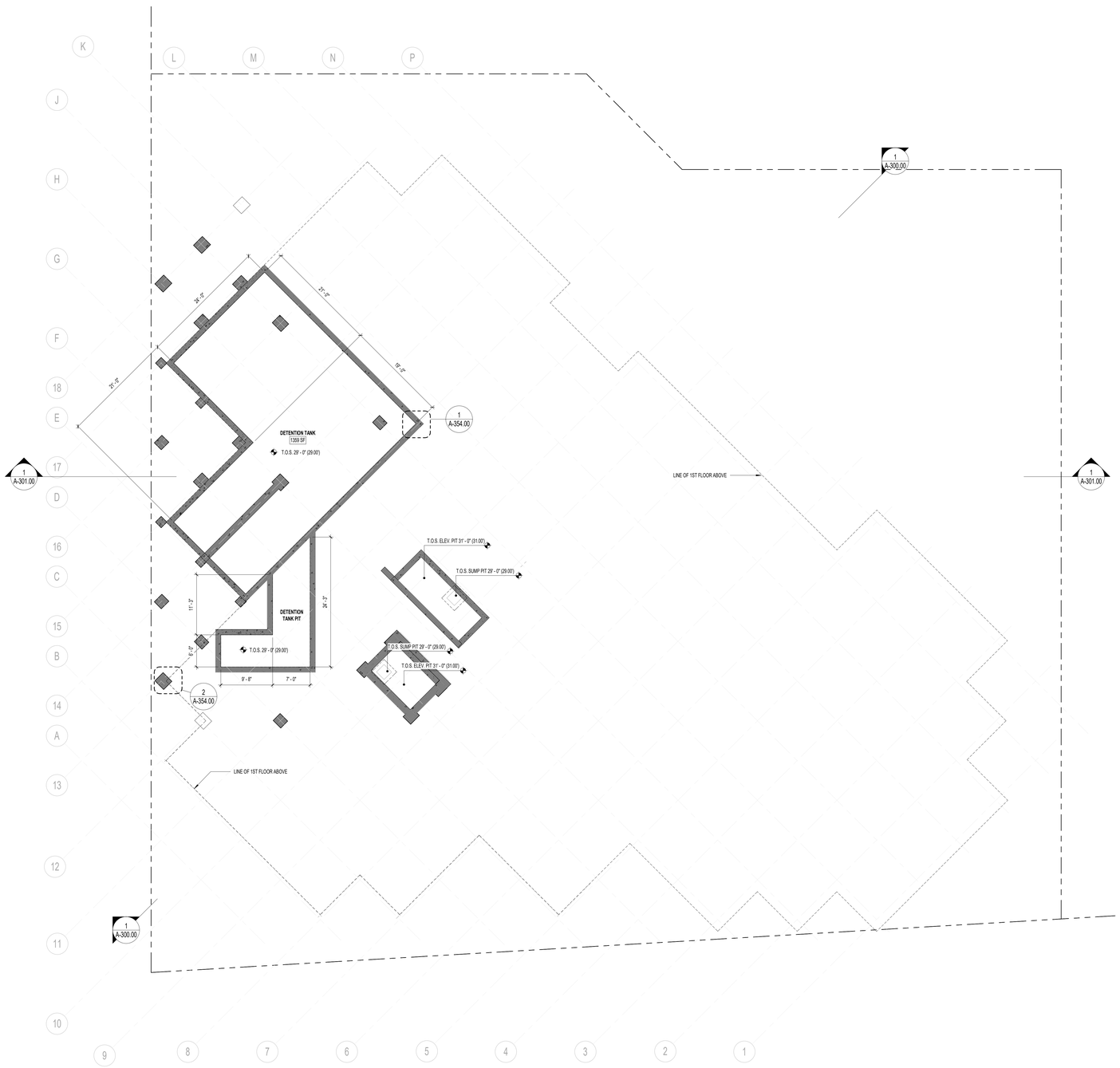
REGISTERED ARCHITECT BRIAN LOUGHRAN 046628 STATE OF NEW YORK

DOB SEAL:

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	Z-010.00
SCALE:	As indicated
	4 OF 6

GENERAL FLOOR PLAN NOTES

1. REFER TO DRAWINGS A-000, A-001 FOR PARTITION TYPES AND DETAILS.
2. REFER TO DRAWING A-612, A-613 FOR DOOR TYPES AND DETAILS.
3. REFER TO REFLECTED CEILING PLANS A-120 THROUGH A-133 FOR ADDITIONAL INFORMATION.
4. SEE DRAWINGS A-142 THROUGH A-142 FOR ENLARGED UNIT PLANS
5. REFER TO DRAWINGS A-001 THROUGH A-006 FOR STAIR DRAWINGS AND STAIR DETAILS.
6. SEE A-510 THROUGH A-513 ELEVATOR DRAWINGS FOR ADDITIONAL INFORMATION.
7. ALL EXPOSED SURFACES TO RECEIVE A FINISH. REFER TO FINISH SCHEDULE AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
8. ALL STRUCTURAL COLUMNS IN RESIDENTIAL AND FRONT OF HOUSE AREAS TO RECEIVE FURRING AND FINISH, WHETHER OR NOT SHOWN ON DRAWINGS.
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1/8" = 1'-0"

Sol On Park

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Bronx, NY, 10456

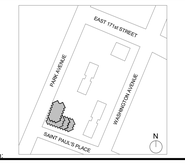
Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
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DETENTION TANK FLOOR PLAN

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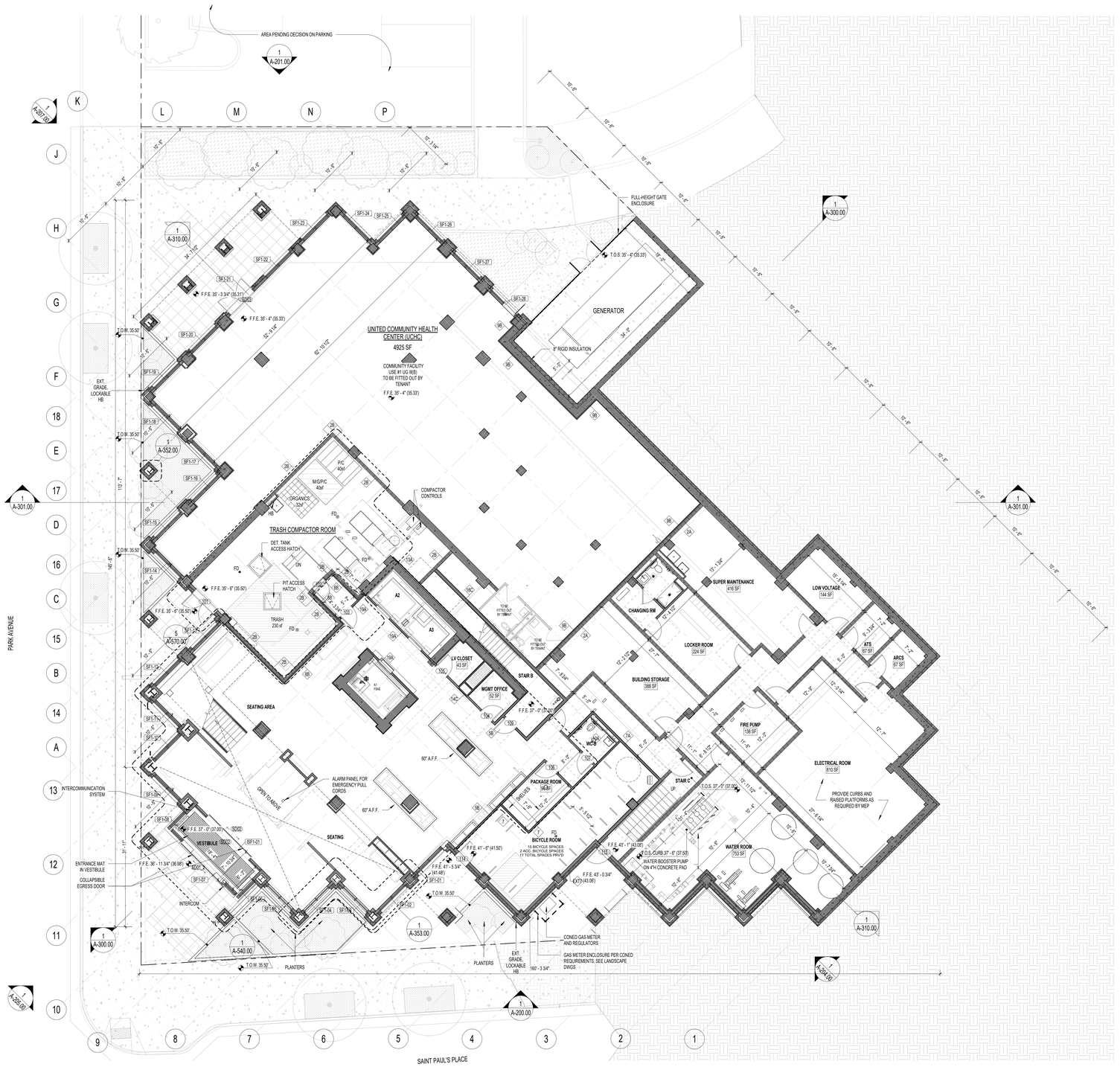
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REGISTERED ARCHITECT BRIAN LOUGHLIN 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-100.00
SCALE: As indicated	18 OF 51

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1 1ST (GROUND) FLOOR PLAN
1/8" = 1'-0"

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

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1228 Euclid Avenue, 4th floor
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NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



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Revisions:

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42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

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DOB SEAL:

SEAL & SIGNATURE:

REGISTERED ARCHITECT BRIAN LOUGHLIN 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker

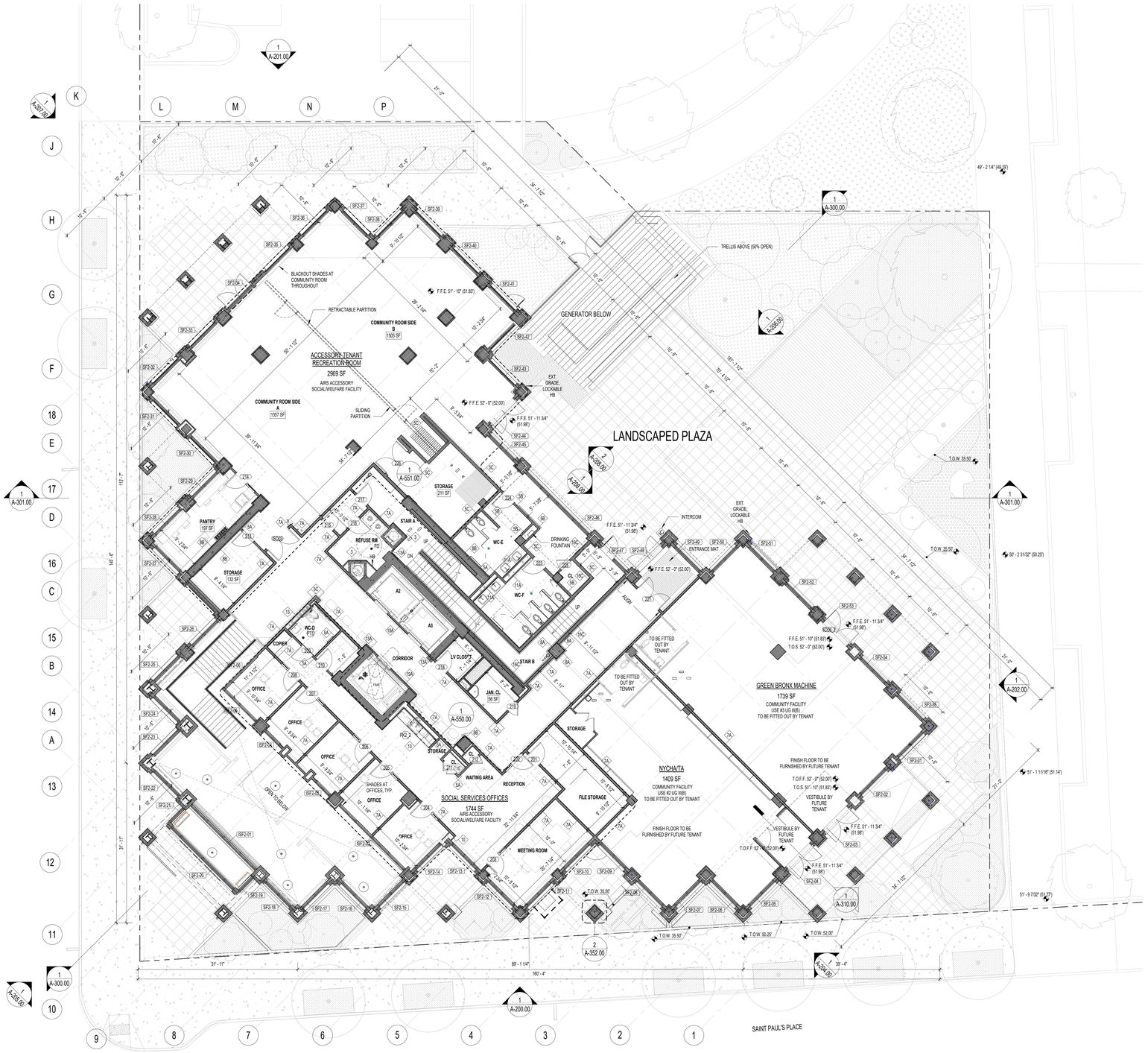
DWG No:

A-101.00

SCALE: As indicated

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2ND (PLAZA) FLOOR PLAN

DOB SEAL:

SEAL & SIGNATURE:

REGISTERED ARCHITECT BRIAN LOUGHLIN 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-102.00
SCALE: As indicated	18 OF 51

RCP NOTES

1) COORDINATE WITH MEP DRAWINGS.
2) LIGHTING CONTROLS TO COMPLY WITH NYC ENERGY CODE
3) ALL PUBLIC LIGHTING SHALL BE METERED SEPARATELY FROM RESIDENTIAL UNITS.
4) ALL DWELLING UNITS SHALL BE INDIVIDUALLY METERED.
5) 100% OF PERMANENTLY INSTALLED FIXTURES WITHIN DWELLING UNITS SHALL BE PROVIDED WITH HIGH EFFICIENCY LAMPS, MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS.
6) REFER TO LIGHTING FIXTURE SCHEDULE IN INTERIORD DESIGN AND MEP DRAWINGS.
7) ALL NON-APARTMENT AREAS SHALL BE PROVIDED WITH OCCUPANCY SENSOR CONTROLS, OR AUTOMATIC BI-LEVEL LIGHTING CONTROLS; AND SHALL HAVE COMBINED BALLAST AND LAMP EFFICACIES MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS.
8) ALL EXTERIOR FIXTURES TO BE FULL CUT OFF, AND SHALL HAVE COMBINED BALLAST AND LAMP EFFICACIES MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS, SWITCHING TO BE AUTOMATIC ON TIMERS OR PHOTOCELL CONTROLS, WITH MANUAL SWITCH OVERRIDE.
9) WHERE INVERTERS ARE REQUIRED FOR EMERGENCY LIGHT FIXTURES, PLACE ONE PER FLOOR MIN. IN THE ELECTRICAL CLOSET. COORD WITH ELECTRICAL DWGS.
10) DOTTED LINES IN RCP INDICATE WHERE DUCTS TRANSFER ABOVE CEILING. NOT ALL LOCATIONS MAY BE SHOWN.
11) PROVIDE ACCESS PANELS WHERE REQUIRED FOR PROPER MAINTENANCE, SIZED AS RECOMMENDED BY MANUFACTURER, WHETHER OR NOT THEY APPEAR ON ARCHITECTURAL DRAWINGS. FINAL LOCATIONS TO BE COORDINATED PER MEP DRAWINGS AND APPROVED BY ARCHITECT.
12) PROVIDE 2HR FIRE RATED ENCLOSURES WHERE REQUIRED FOR REFRIGERANT PIPING.
13) REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATION.
14) DUCTS IN STRUCTURE ABOVE (DASHED BOXES) ARE SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS.
15) ALL DUCTWORK, PIPES, AND CONDUIT TO BE CONCEALED IN GYPSUM BOARD CONSTRUCTION, WHETHER OR NOT INDICATED ON DRAWINGS.
16) MIN. LUMENS AT EGRESS PATHS TO BE PER NYC CODE CHAPTER 10.
17) CEILING HEIGHTS NOTED ARE ABOVE FINISHED FLOOR. ADDITIONAL SOFFITS NOT ANTICIPATED - PROVIDE SOFFITS AS REQUIRED TO ACHIEVE CEILING HEIGHT - REVIEW WITH ARCHITECT. FOYERS IN APARTMENTS AND CORRIDORS MUST BE MIN. 7'-0" AFF.
18) PROVIDE METAL GROUNDS AT ALL WINDOW HEADERS FOR FUTURE SHADE/WINDOW TREATMENT INSTALLATION.
19) ALL WATER CURTAIN SPRINKLERS TO BE CONCEALED WITH GYPSUM WALL ASSEMBLIES.
20) RECESSED LIGHTING ADJACENT TO UNCONDITIONED SPACES IS TO BE ICAT LABELED AND AIR SEALED.
21) SPRINKLER HEADS COVERING LOT LINE WINDOWS NOT TO BE LOCATED MORE THAN 1'-0" FROM THE INSIDE FACE OF GLAZING.
22) MECHANICAL SUPPLY DIFFUSERS COVERING LOT LINE WINDOWS NOT TO BE LOCATED MORE THAN 5'-0" FROM INSIDE FACE OF GLAZING.

GENERAL CEILING NOTES
1. ALL DROP SOFFITS AT KITCHENETTES TO BE MIN. 1'-0" AT KITCHENETTE SIDE, TYPICAL.
2. ALL BEAMS TO RECEIVE SOFFIT ENCLOSURE, TYP.
3. MINIMUM CEILING HEIGHT AT BEDROOMS AND LIVING AREAS IS 8'-0" AFF.
4. ACU'S & OTHER MECHANICAL EQUIPMENT SHOWN FOR REFERENCE ONLY - SEE MEP DRAWINGS.

GENERAL LIGHTING CONTROL NARRATIVE
1. COORDINATE WITH LIGHTING CONTROLS NOTED IN ELECTRICAL PLANS.
2. LIGHTING IN COMMON AREA ROOMS, EXCEPT STAIRWELLS AND CORRIDORS, SHALL BE PROVIDED WITH OCCUPANCY SENSORS WITH MANUAL CONTROL.

DAYLIGHT SENSORS SHALL BE PROVIDED IN COMMON AREAS WITH WINDOWS AND CONTROL LIGHTING WITHIN 12 FEET OF THE WINDOW. STAIRWELL LIGHTS SHALL BE PROVIDED WITH INTEGRAL OCCUPANCY SENSORS. LOBBY LIGHTS ARE CONTINUOUSLY ON. CORRIDOR LIGHTS ARE CONTINUOUSLY ON AT 50%. OCCUPANCY SENSORS SHALL DIM THEM TO 50% AFTER 20 MINUTES OF VACANCY.



1 REFLECTED CEILING PLAN - 1ST (GROUND) FLOOR
1/8" = 1'-0"

LEGEND

- GWB HUNG/FRAMED CEILING / SOFFIT WATER RESISTANT AT WET LOCATIONS
- UNDERSIDE OF SLAB ABOVE, TREATED W/ COVER COAT COMPOUND IN RESIDENTIAL AREAS. REFER TO SECTIONS & ELEVATIONS
- 2' X 2' ACOUSTICAL CEILING TILE
- 2' X 4' ACOUSTICAL CEILING TILE
- CWT-3 TILE
- UHPC / FIBER CEMENT SOFFIT
- HARDWIRED CARBON MONOXIDE AND SMOKE DETECTOR
- HARDWIRED CARBON MONOXIDE AND SMOKE DETECTOR WITH STROBE
- DL DAYLIGHT SENSOR
- OS OCCUPANCY SENSOR
- VS VACANCY SENSOR
- WAP WIRELESS ACCESS POINT
- DIRECTIONAL ILLUMINATED EXIT SIGN
- CAPPED, RECESSED CEILING SPRINKLER HEAD
- CEILING HVAC RETURN / EXHAUST DIFFUSER
- CEILING HVAC SUPPLY DIFFUSER
- CEILING HVAC LINEAR DIFFUSER
- 7'-0" CEILING ELEVATION
- SPRINKLER HEAD. SEE FP DRAWING FOR REQ'D QUANTITIES AND LOCATIONS

N

DOB SEAL:

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
1	9/01/2023	50% Design Development
2	04/12/2024	4/12/2024 DD Progress
3	06/28/2024	Full DD Set / DOB Filing
4	04/11/2025	Repricing Set - Cellar Removal

Revisions:

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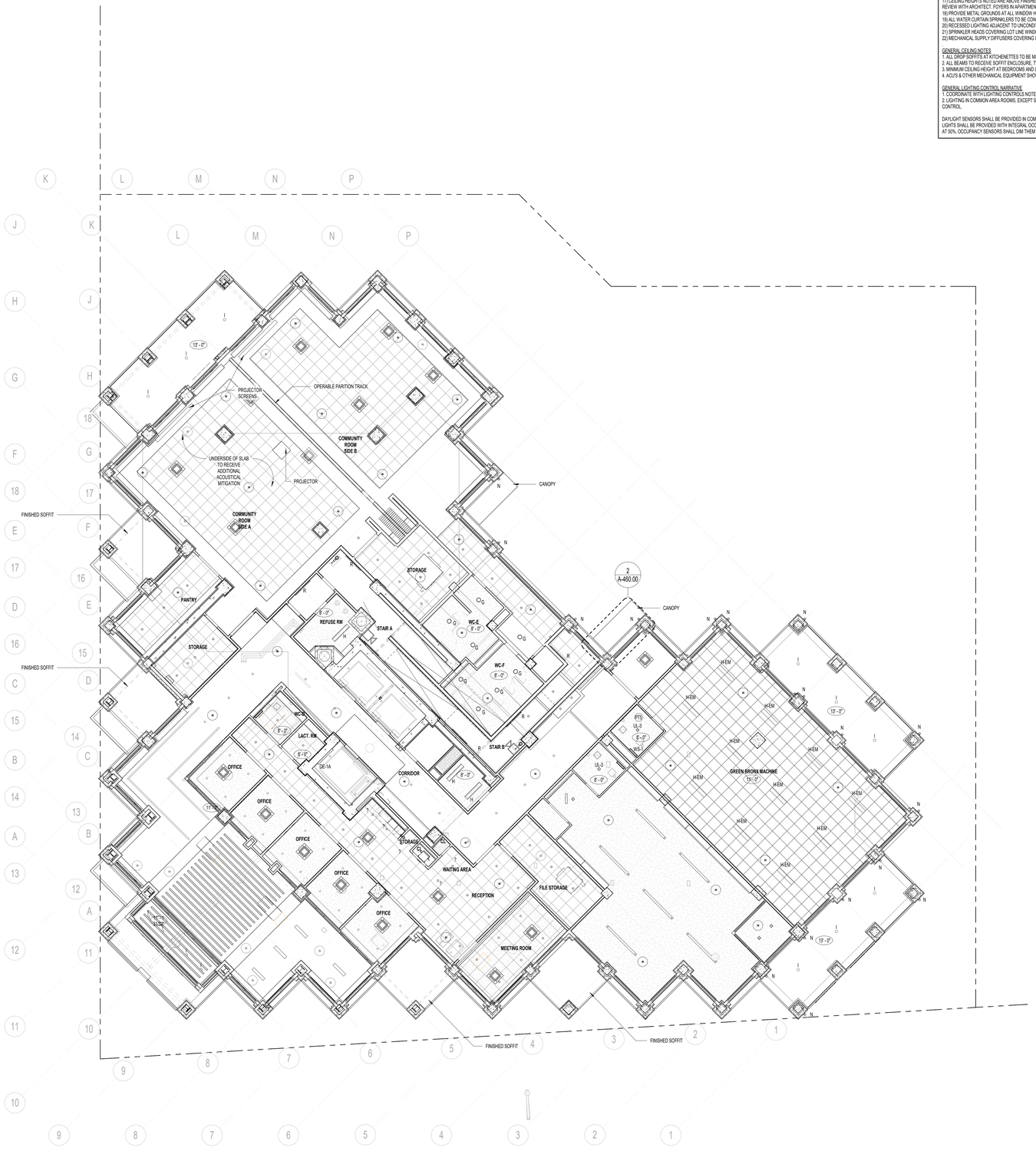
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1ST (GROUND) FLOOR RCP

SEAL & SIGNATURE:

REGISTERED ARCHITECT
SHAH LOUGHLIN
046628
STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-121.00
SCALE:	As indicated



1 REFLECTED CEILING PLAN - 2ND (PLAZA) FLOOR
1/8" = 1'-0"

RCP NOTES

1) COORDINATE WITH MEP DRAWINGS.
2) LIGHTING CONTROLS TO COMPLY WITH NYC ENERGY CODE.
3) ALL PUBLIC LIGHTING SHALL BE METERED SEPARATELY FROM RESIDENTIAL UNITS.
4) ALL DWELLING UNITS SHALL BE INDIVIDUALLY METERED.
5) 100% OF PERMANENTLY INSTALLED FIXTURES WITHIN DWELLING UNITS SHALL BE PROVIDED WITH HIGH EFFICIENCY LAMPS, MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS.
6) REFER TO LIGHTING FIXTURE SCHEDULE IN INTERIORD DESIGN AND MEP DRAWINGS.
7) ALL NON-APARTMENT AREAS SHALL BE PROVIDED WITH OCCUPANCY SENSOR CONTROLS, OR AUTOMATIC BI-LEVEL LIGHTING CONTROLS; AND SHALL HAVE COMBINED BALLAST AND LAMP EFFICACIES MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS.
8) ALL EXTERIOR FIXTURES TO BE FULL CUT OFF, AND SHALL HAVE COMBINED BALLAST AND LAMP EFFICACIES MEETING OR EXCEEDING ENERGY STAR SPECIFICATIONS, SWITCHING TO BE AUTOMATIC ON TIMERS OR PHOTOCELL CONTROLS, WITH MANUAL SWITCH OVERRIDE.
9) WHERE INVERTERS ARE REQUIRED FOR EMERGENCY LIGHT FIXTURES, PLACE ONE PER FLOOR MIN. IN THE ELECTRICAL CLOSET. COORD WITH ELECTRICAL DWGS.
10) DOTTED LINES IN RCP INDICATE WHERE DUCTS TRANSFER ABOVE CEILING. NOT ALL LOCATIONS MAY BE SHOWN.
11) PROVIDE ACCESS PANELS WHERE REQUIRED FOR PROPER MAINTENANCE, SIZED AS RECOMMENDED BY MANUFACTURER, WHETHER OR NOT THEY APPEAR ON ARCHITECTURAL DRAWINGS. FINAL LOCATIONS TO BE COORDINATED PER MEP DRAWINGS AND APPROVED BY ARCHITECT.
12) PROVIDE 2HR FIRE RATED ENCLOSURES WHERE REQUIRED FOR REFRIGERANT PIPING.
13) REFER TO MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT LOCATION.
14) DUCTS IN STRUCTURE ABOVE (DASHED BOXES) ARE SHOWN FOR REFERENCE ONLY. REFER TO MEP DRAWINGS.
15) ALL DUCTWORK, PIPES, AND CONDUIT TO BE CONCEALED IN GYPSUM BOARD CONSTRUCTION, WHETHER OR NOT INDICATED ON DRAWINGS.
16) MIN. LUMENS AT EGRESS PATHS TO BE PER NYC CODE CHAPTER 10.
17) CEILING HEIGHTS NOTED ARE ABOVE FINISHED FLOOR. ADDITIONAL SOFFITS NOT ANTICIPATED - PROVIDE SOFFITS AS REQUIRED TO ACHIEVE CEILING HEIGHT - REVIEW WITH ARCHITECT. FOYERS IN APARTMENTS AND CORRIDORS MUST BE MIN. 7'-0" AFF.
18) PROVIDE METAL GROUNDS AT ALL WINDOW HEADERS FOR FUTURE SHADE/WINDOW TREATMENT INSTALLATION.
19) ALL WATER CURTAIN SPRINKLERS TO BE CONCEALED WITH GYPSUM WALL ASSEMBLIES.
20) RECESSED LIGHTING ADJACENT TO UNCONDITIONED SPACES IS TO BE ICAT LABELED AND AIR SEALED.
21) SPRINKLER HEADS COVERING LOT LINE WINDOWS NOT TO BE LOCATED MORE THAN 1'-0" FROM THE INSIDE FACE OF GLAZING.
22) MECHANICAL SUPPLY DIFFUSERS COVERING LOT LINE WINDOWS NOT TO BE LOCATED MORE THAN 5'-0" FROM INSIDE FACE OF GLAZING.

GENERAL CEILING NOTES
1. ALL DROP SOFFITS AT KITCHENETTES TO BE MIN. 1'-0" AT KITCHENETTE SIDE, TYPICAL.
2. ALL BEAMS TO RECEIVE SOFFIT ENCLOSURE, TYP.
3. MINIMUM CEILING HEIGHT AT BEDROOMS AND LIVING AREAS IS 8'-0" AFF.
4. AOJ'S & OTHER MECHANICAL EQUIPMENT SHOWN FOR REFERENCE ONLY - SEE MEP DRAWINGS.

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- CEILING ELEVATION
- SPRINKLER HEAD. SEE FP DRAWING FOR REQ'D QUANTITIES AND LOCATIONS

Sol On Park

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Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

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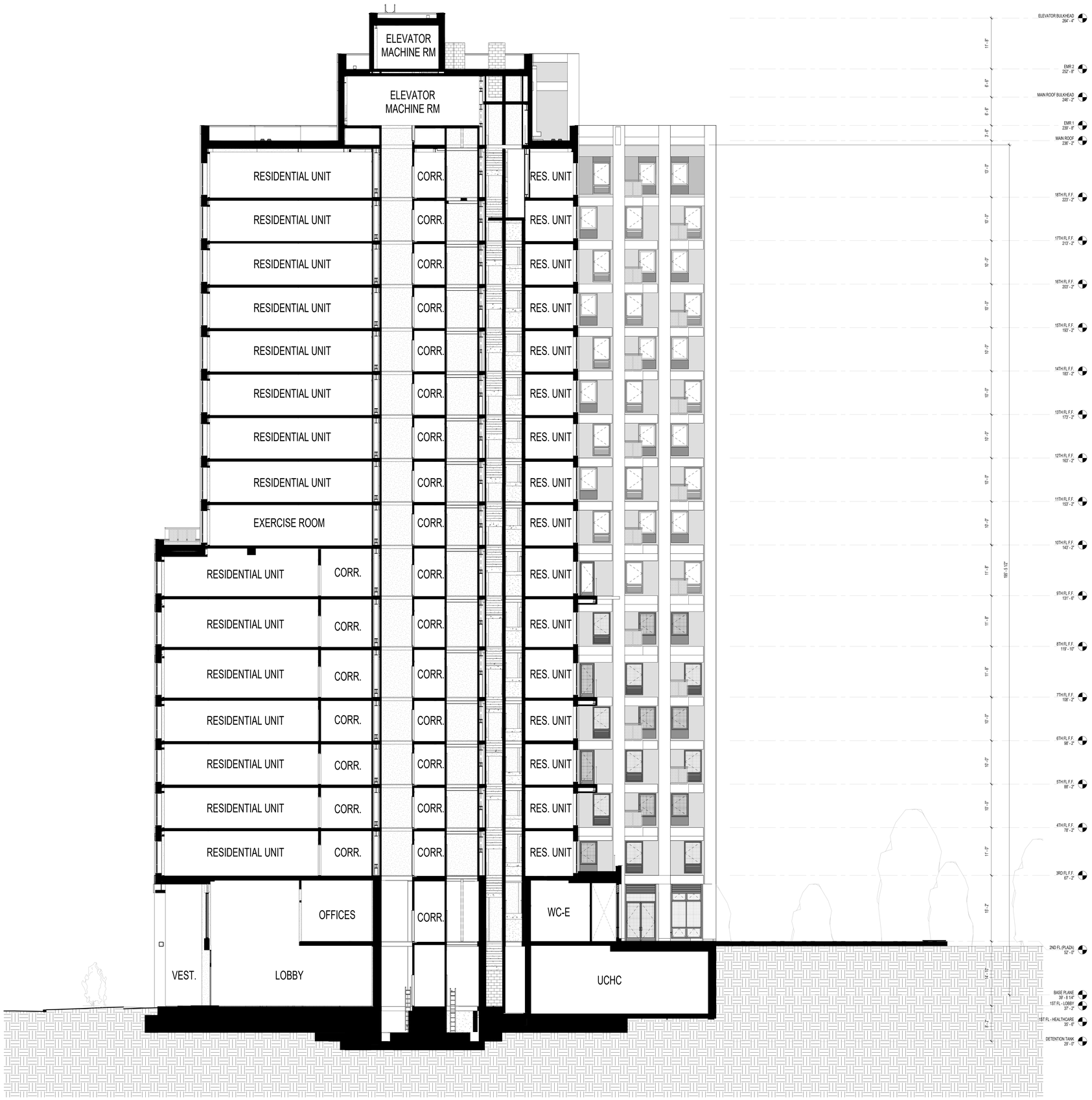
2ND (PLAZA) FLOOR RCP

DOB SEAL:

SEAL & SIGNATURE:

REGISTERED ARCHITECT BRIAN LOUGHLIN 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-122.00
SCALE: As indicated	49 OF 169



1 NE-SW SECTION THROUGH TOWER FACING NORTHWEST
1/8" = 1'-0"

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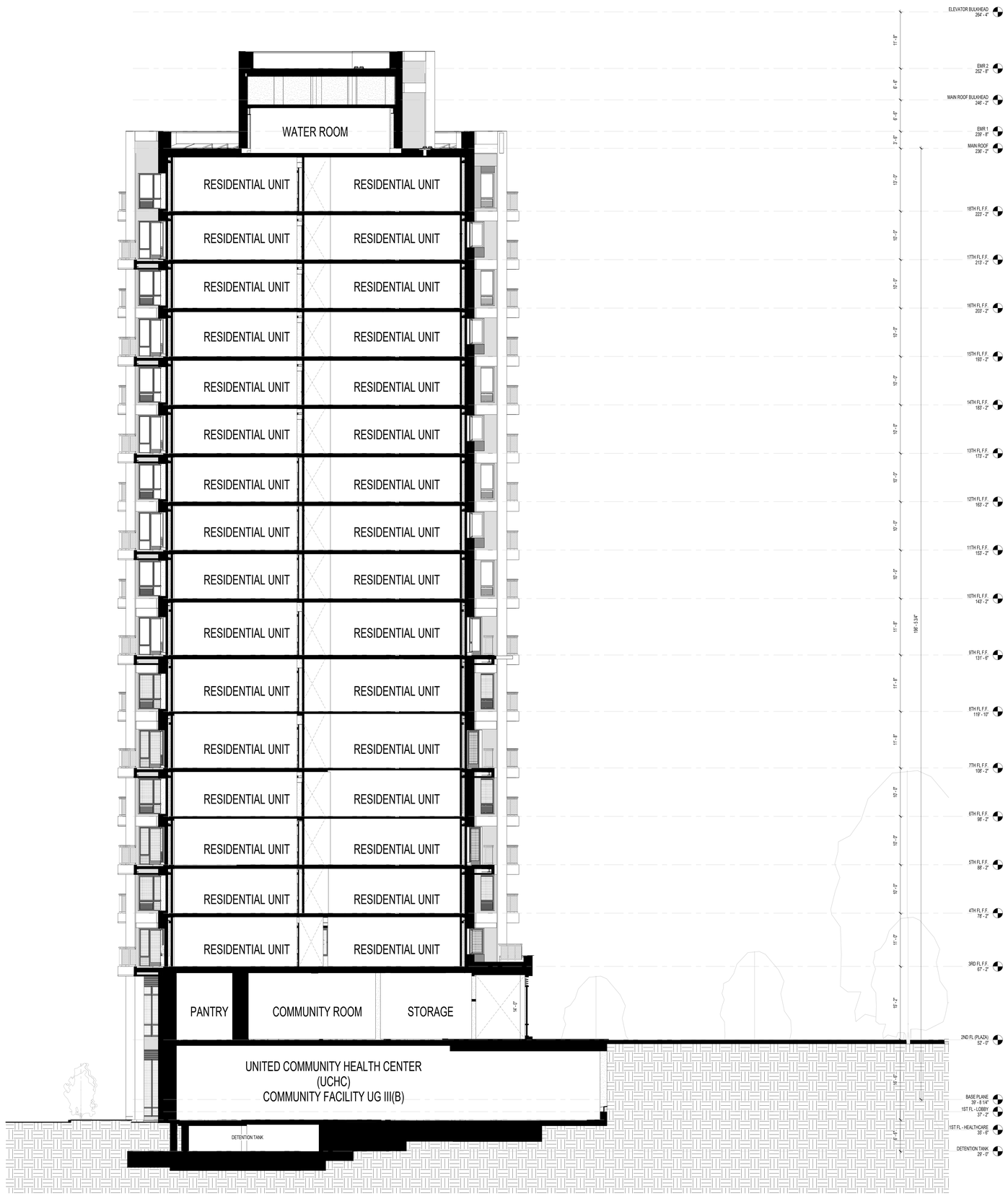
DOB SEAL:

BUILDING SECTION

SEAL & SIGNATURE:

REGISTERED ARCHITECT BRIAN LOGSDON 045628 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-300.00
SCALE: 1/8" = 1'-0"	37 OF 51



1 E-W SECTION THROUGH TOWER FACING NORTH
1/8" = 1'-0"

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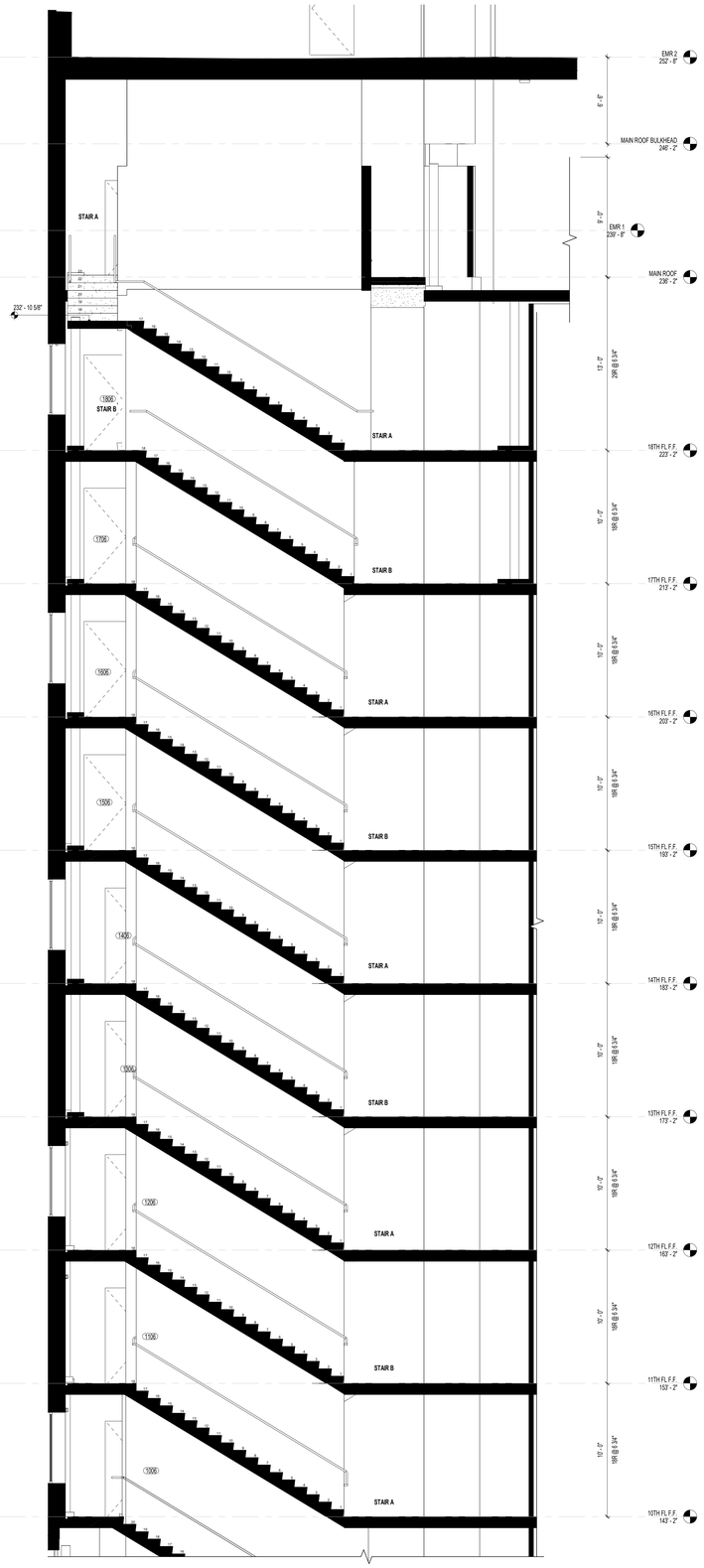
BUILDING SECTION

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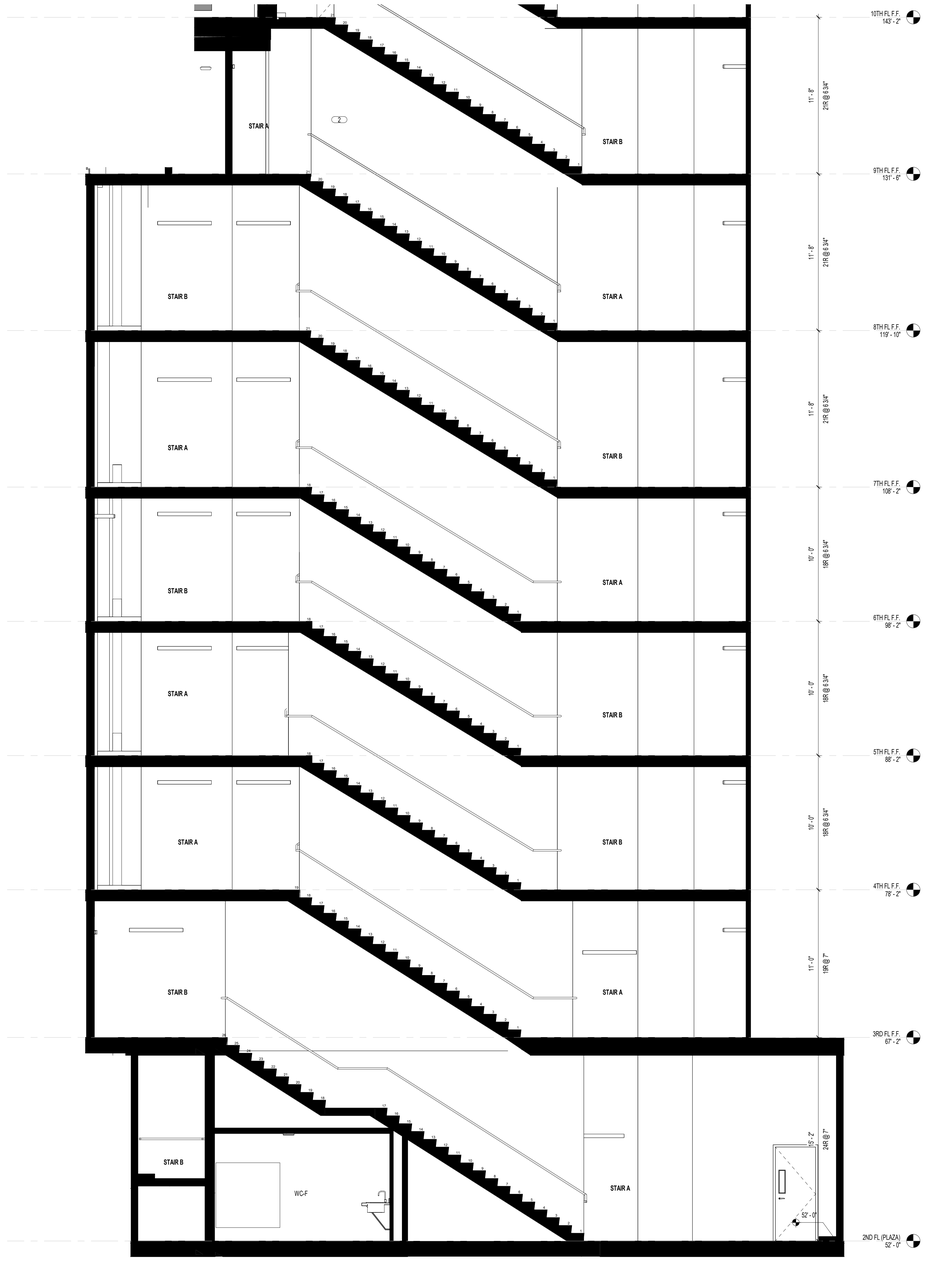
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PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker
DWG No:	A-301.00
SCALE: 1/8" = 1'-0"	38 OF 51



2 STAIRCASE SECTION A
1/4" = 1'-0"



1 STAIRCASE SECTION A
1/4" = 1'-0"

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STAIR PLANS & SECTIONS

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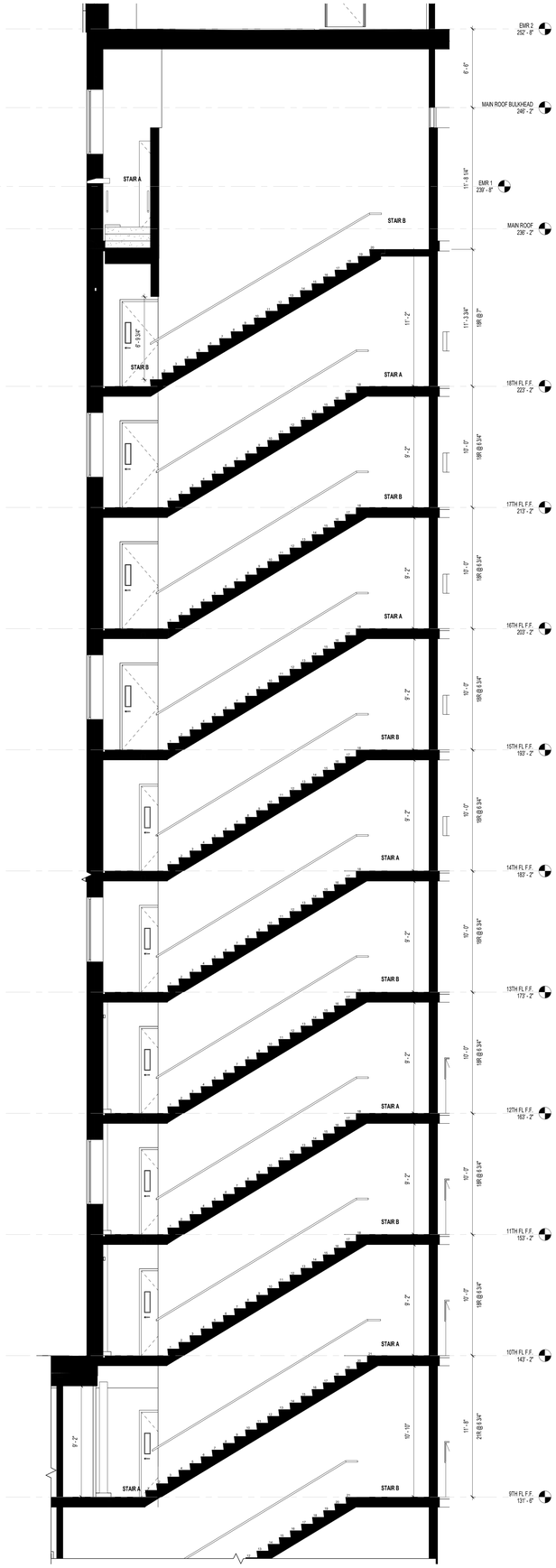
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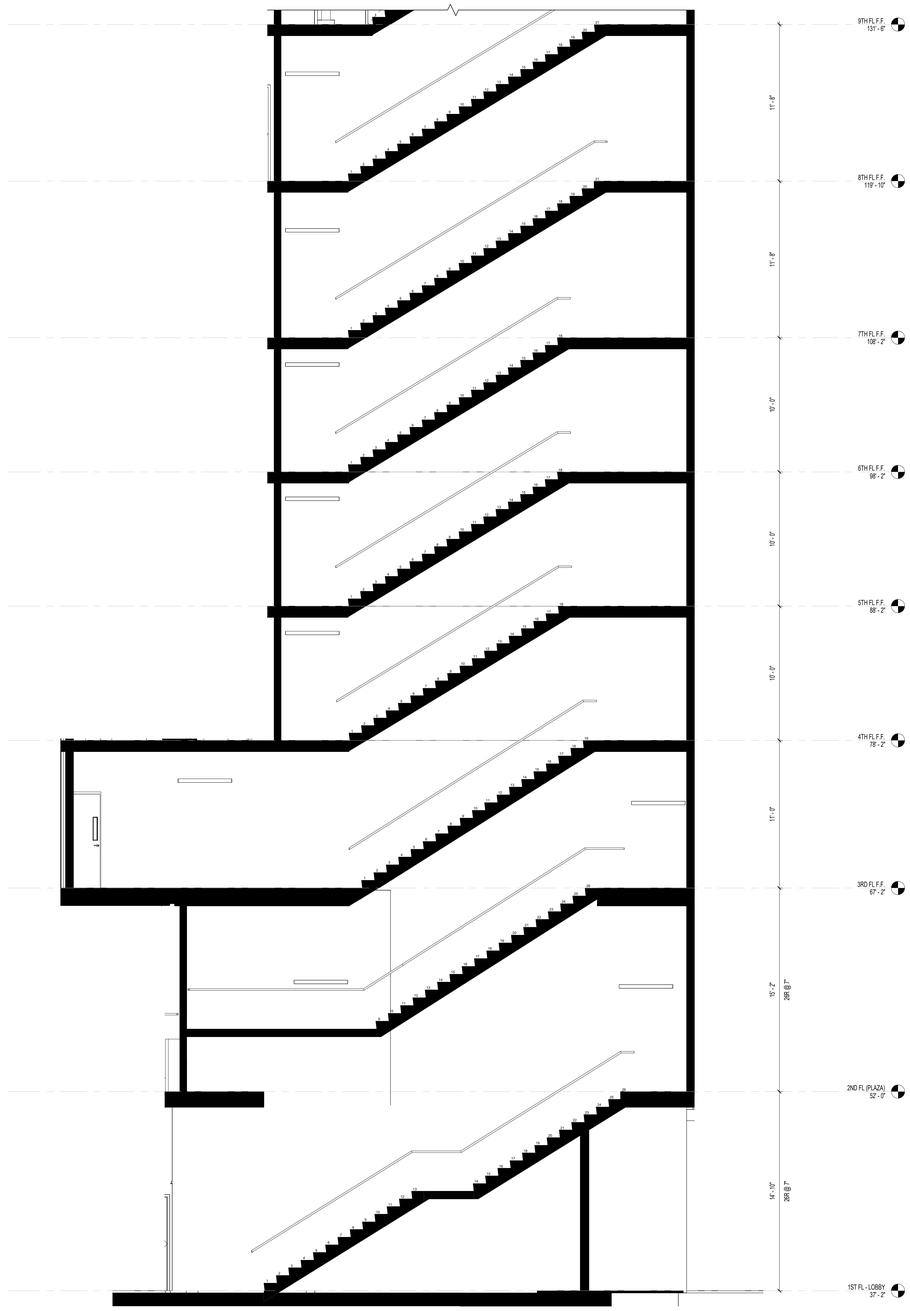
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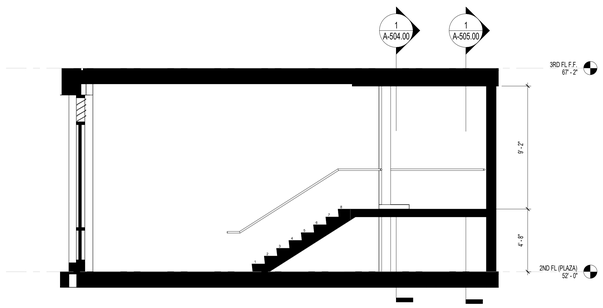
SCALE: 1/4" = 1'-0"



2 STAIRCASE SECTION B
1/4" = 1'-0"



1 STAIRCASE SECTION B
1/4" = 1'-0"



3 STAIRCASE B SEGMENT
1/4" = 1'-0"

Sol On Park

3728 Park Avenue
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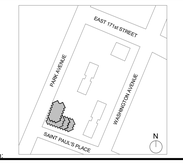
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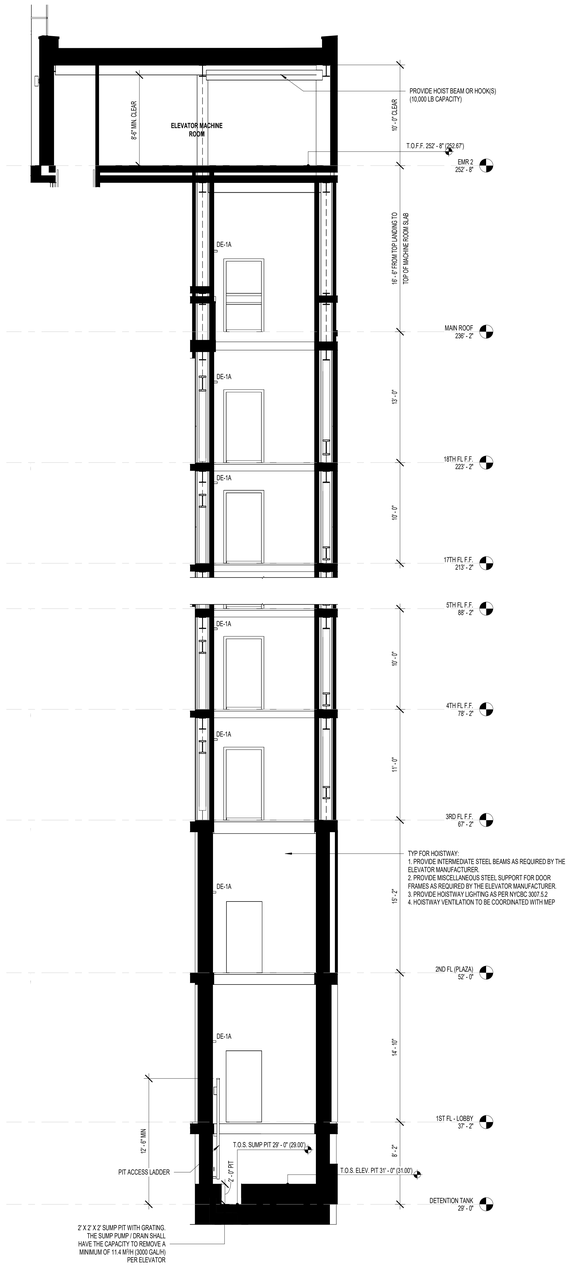
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CHK BY:	Checker

DWG No:

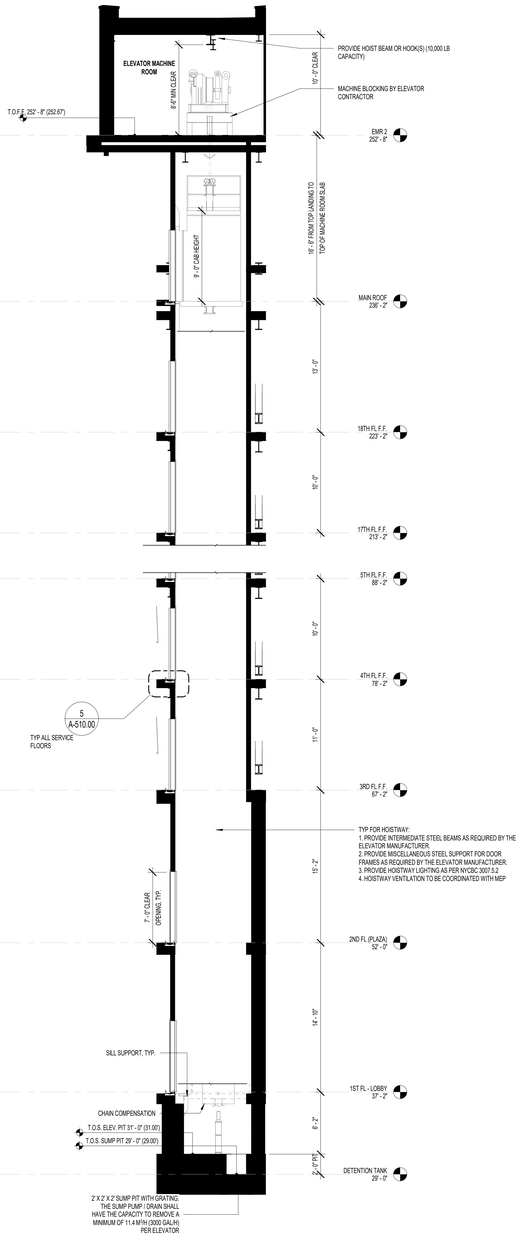
A-505.00

SCALE: 1/4" = 1'-0"

80 OF 169

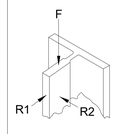


1 ELEVATOR A1 SECTION 01
3/16" = 1'-0"



2 ELEVATOR A1 SECTION 02
3/16" = 1'-0"

PIT AND RAIL LOADS



			A1	A2-A3 (EACH)
SEISMIC			S1	S1
CLASS LOAD RATING			A	A
RAIL WEIGHT/SIZE			15	15
CAR BUFFER REACTION ***	A	*	53.5 K	47.3 K
CWT BUFFER REACTION ***	B	*	45.2 K	41.4 K
WEIGHT ONE STACK CAR RAIL			3900 #	3700 #
WEIGHT ONE STACK CWT RAIL			3100 #	3000 #
UP PULL ON COMPENSATOR	C		---	---
RAIL LOADS PER RAIL	F_{CAR}	*	25.4 K	22.5 K
	F_{CWT}	*	---	---
NORMAL FORCES	R1	*	800 #	700 #
	R2	*	300 #	200 #
SEISMIC FORCES	R1	**	---	---
	R2	**	---	---
MAX VERT SPAN GUIDE RAIL SUPPORT			13.3'	14'

* LOADS SHOWN DO NOT ACT SIMULTANEOUSLY

** CAR AND CWT RAILS

*** BUFFER REACTIONS ARE DOUBLED FOR IMPACT

Rail support points shall have a max deflection of 1/8" when acted upon by forces R1 and R2

LOADS SHOWN ARE ESTIMATED, COORDINATE FINAL LOADS WITH ELEVATOR MANUFACTURER

FLOOR	FTF	F	
ROOF	–	X	*
18	13'-0"	X	
17	10'-0"	X	
16	10'-0"	X	
15	10'-0"	X	
14	10'-0"	X	
13	10'-0"	X	
12	10'-0"	X	
11	10'-0"	X	
10	10'-0"	X	
9	11'-8"	X	
8	11'-8"	X	
7	11'-8"	X	
6	10'-0"	X	
5	10'-0"	X	
4	10'-0"	X	
3	11'-0"	X	
2	15'-0"	X	*
G	15'-0"	X	*

INTERMEDIATE SUPPORT REQUIRED AT FLOORS MARKED WITH AN ASTERISK. SEE PIT AND RAIL LOADS CHART FOR MAXIMUM VERTICAL SPAN GUIDE RAIL SUPPORT.

Sol On Park

3728 Park Avenue
Bronx, NY, 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 30

NYC DOB # : X01091719



Key Plan:

NUMBER	DATE	DESCRIPTION
1	9/01/2023	50% Design Development
2	04/12/2024	4/12/2024 DD Progress
3	06/28/2024	Full DD Set / DOB Filing
4	04/11/2025	Repricing Set - Cellar Removal

Revisions:

Architect:

MAP
Magnusson Architecture & Planning PC
42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

Structural Engineer:

GACE Consulting Engineers
148 Madison Avenue 4th Floor
New York NY 10016
Tel (212) 545 7878

MEP Engineer:

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505 8th Avenue #2400
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Landscape Architect:

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Brooklyn NY 11201
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440 Park Avenue South, 7th Floor
New York, NY 10016
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Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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ELEVATOR A1 SECTIONS

DOB SEAL:

SEAL & SIGNATURE:

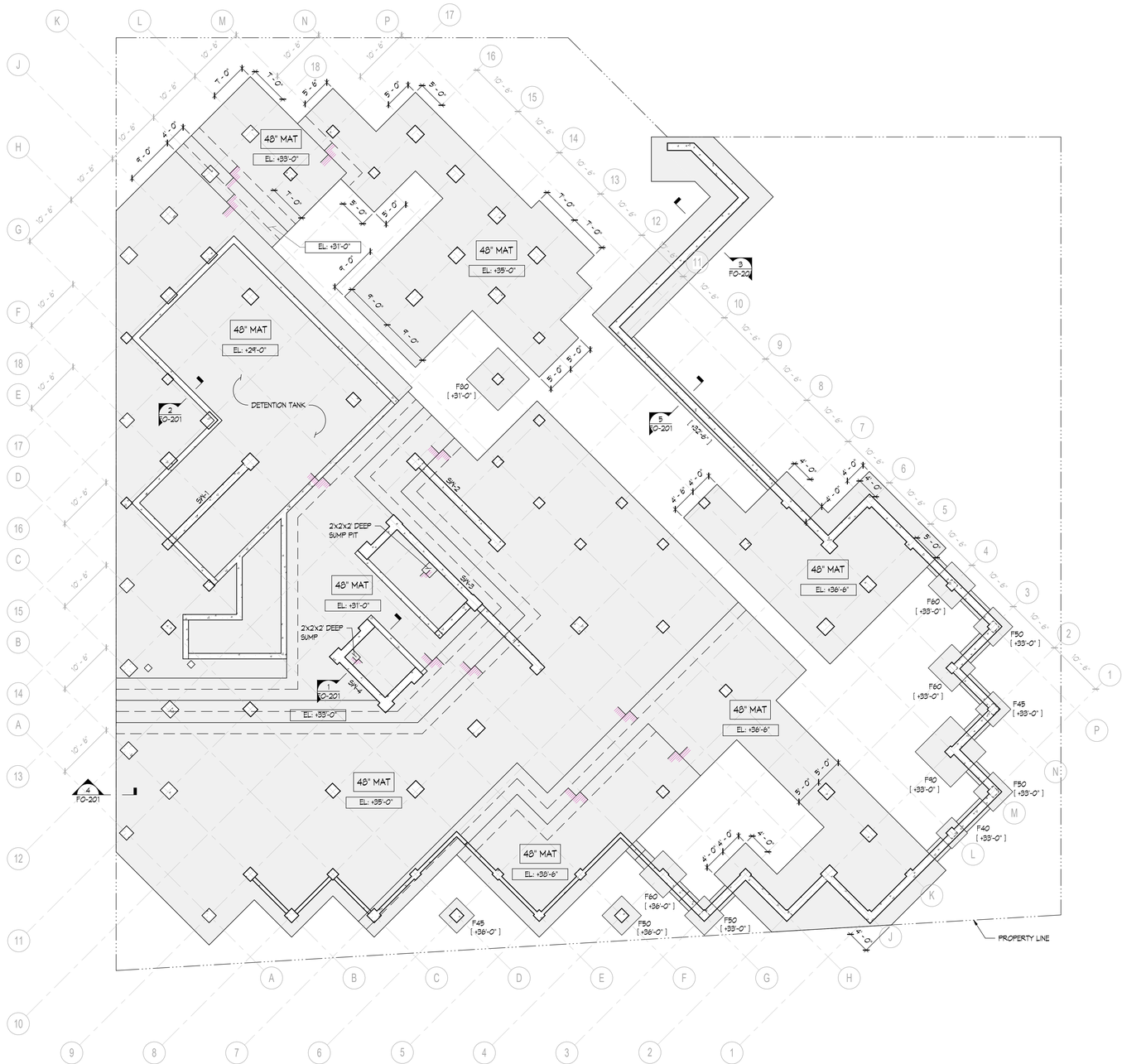
REGISTERED ARCHITECT BRIAN LOUGHLIN 045828 STATE OF NEW YORK

PROJECT No:	22008
DRAWING BY:	Author
CHK BY:	Checker

DWG No:

A-511.00

SCALE: As indicated



FOUNDATION & DETENTION TANK FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. ALL ELEVATIONS INDICATED WITH RESPECT TO NAVD88 DATUM.
2. [X" MAT] DENOTES CONCRETE MAT OF THICKNESS 'X'. SEE DETAIL X ON FO-XXX FOR REINFORCEMENT.
3. [EL. XX'-XX"] DENOTES TOP OF SLAB ELEVATION.
4. FXX DENOTES SPREAD FOOTING. FOR FOOTING SIZE & REINFORCEMENT, SEE SCHEDULE ON THIS DRAWING.
5. [X'-X"] DENOTES BOTTOM OF FOOTING ELEVATION. IF PROPER BEARING MATERIAL IS NOT FOUND AT THE ELEVATION INDICATED, LOWER THE BOTTOM OF FOOTING AS NECESSARY. A [1H:1V] INFLUENCE LINE SHALL BE MAINTAINED BETWEEN BOTTOM OF ADJACENT FOOTINGS.
6. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL REINFORCEMENT AS FOLLOWS:

   48" SLAB: #11@8" BOTTOM EACH WAY CONTINUOUS, #11@8" TOP EACH WAY CONTINUOUS
7. ___ (B) ___ DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
8. _____ DENOTES ADDITIONAL TOP REINFORCEMENT.
9. PLACE NORTH-SOUTH REINFORCEMENT IN THE OUTERMOST LAYER.
10. FOOTINGS TO BE CENTERED ON COLUMNS ABOVE, UNLESS OTHERWISE NOTED.
11. FOR GRADE BEAM REINFORCEMENT, SEE SCHEDULE ON FO-XXX.
12. BOTTOM OF GRADE BEAM ELEVATION DENOTED THUS [X'-X"].
13. CENTERLINE OF GRADE BEAMS TO ALIGN WITH CENTROID OF FOOTING & COLUMN, UNLESS OTHERWISE NOTED.
14. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWINGS S-301 THRU S-304.
15. SW-XX DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 FOR BALANCE OF INFORMATION.

FOOTING SCHEDULE

MARK	SIZE	THICKNESS	REINFORCING (EACH WAY U.O.N.)
F40	4'-0" x 4'-0"	1'-4"	5#5
F45	4'-6" x 4'-6"	1'-4"	6#5
F50	5'-0" x 5'-0"	1'-6"	8#5
F50/80	5'-0" x 8'-0"	2'-6"	8#8 LONG WAY 8#6 SHORT WAY
F55/100	5'-6" x 10'-0"	2'-6"	8#9 LONG WAY 10#7 SHORT WAY
F60	6'-0" x 6'-0"	1'-8"	6#6
F70	7'-0" x 7'-0"	2'-0"	9#6
F75	7'-6" x 7'-6"	2'-0"	7#7
F80	8'-0" x 8'-0"	2'-2"	8#6
F90	9'-0" x 9'-0"	2'-6"	8#8

GRAPHIC SCALE 8' 0' 8' 16'

DOB SEAL:

SEAL & SIGNATURE:

PROJECT No: C1238.00
DRAWING BY: MO
CHK BY: MM
DWG No: FO-101.00
SCALE: As indicated
4 OF 32

Sol On Park

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Bronx, NY 10456

Owner:

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1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB NOW # : X01091719-S1



Key Plan:

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6	04/11/2025	REPRICING SET - CELLAR REMOVAL

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FOUNDATION & DETENTION TANK FRAMING PLAN

FOUNDATION NOTES:

1. REFER TO S-001 FOR BALANCE OF INFORMATION, INCLUDING BUT NOT LIMITED TO BUILDING CODE INFORMATION, MATERIALS AND INSPECTIONS.

2. FOUNDATION DESIGN HAS BEEN BASED ON GEOTECHNICAL REPORT PREPARED BY LANGAN ENGINEERING DATED AUGUST 2, 2024. A COPY OF THIS REPORT SHALL BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES.

3. ALL EARTHWORK, SUBGRADE PREPARATION AND FOUNDATION WORK SHALL BE DONE ACCORDING TO THE GEOTECHNICAL REPORT AND UNDER SUPERVISION OF LICENSED GEOTECHNICAL ENGINEER IN OWNERS DIRECT EMPLOY.

4. SPREAD FOOTINGS SHALL BEAR ON MEDIUM-DENSE SOIL (BUILDING CODE CLASS 3b AND 3a) WITH A MINIMUM BEARING CAPACITY OF 3 TONS PER SQUARE FOOT. IF MATERIAL OF THIS CAPACITY IS NOT FOUND AT THE ELEVATIONS INDICATED THE FOOTINGS SHALL BE LOWERED AT THE DIRECTION OF THE LICENSED GEOTECHNICAL ENGINEER IN OWNERS DIRECT EMPLOY.

5. MAKE NO EXCAVATION TO THE FULL DEPTH INDICATED WHEN FREEZING TEMPERATURES MAY BE EXPECTED UNLESS THE FOOTINGS OR SLABS CAN BE PLACED IMMEDIATELY AFTER THE EXCAVATION HAS BEEN COMPLETED. PROTECT THE BOTTOM OF EXCAVATION FROM FROST IF PLACING OF CONCRETE IS DELAYED. SHOULD PROTECTION FAIL, REMOVE FROZEN MATERIALS AND REPLACE WITH CONCRETE OR GRAVEL FILL.

6. WALLS SHALL BE TEMPORARILY BRACED AGAINST EARTH PRESSURE AND OTHER FORCES UNTIL SLABS, BEAMS AND OTHER MEMBERS DESIGNED TO BRACE THE FINISHED STRUCTURE HAVE BEEN IN PLACE AND HAVE ATTAINED REQUIRED CONCRETE ULTIMATE STRENGTH.

7. UNLESS OTHERWISE RECOMMENDED BY THE GEOTECHNICAL ENGINEER'S REPORT, SLABS ON GRADE SHALL BE SUPPORTED BY A COMPACTED POROUS FILL AT LEAST 6 INCHES THICK. AT INTERIOR SLABS A VAPOR BARRIER AT LEAST 15 MILS THICK SHALL BE PLACED BETWEEN THE SLAB AND THE POROUS FILL. THE POROUS FILL SHALL, IN TURN, BE SUPPORTED BY EITHER CLEAN, INORGANIC ORIGINAL SOIL OR A COMPACTED FILL WITH A MODIFIED PROCTOR DENSITY OF 90.

SUPPORT OF EXCAVATION

1. SUPPORT OF EXCAVATION, (SHEETING, SHORING, BRACING ETC.)SHALL BE DESIGNED BY A QUALIFIED PROFESSIONAL ENGINEER EXPERIENCED IN THIS TYPE OF WORK, EMPLOYED BY THE OWNER. THIS ENGINEER, FURTHER REFERRED TO AS THE SUPPORT OF EXCAVATION (SOE) ENGINEER SHALL BE RESPONSIBLE FOR INSPECTION OF THIS WORK AS REQUIRED BY THE PERTINENT BUILDING CODE.

2. THE SOE ENGINEER SHALL SUBMIT SHEETING, SHORING AND BRACING DRAWINGS TO THE ARCHITECT FOR COORDINATION WITH DESIGN DRAWINGS. SUCH DRAWINGS SHALL BE SUBMITTED PRIOR TO FILING OF THE STRUCTURAL DRAWINGS BY THE OFFICE FOR APPROVAL BY DOB.

3. THE SOE ENGINEER SHALL CARRY PROPER PROFESSIONAL AND GENERAL LIABILITY INSURANCE. GACE SHALL BE NAMED AS AN "ADDITIONAL INSURED" ON AND UNDER SOE ENGINEERS INSURANCE POLICIES FOR GACE'S BENEFIT.

4. SHEETING, SHORING AND BRACING, AS WELL AS OTHER ELEMENTS OF SUPPORT OF EXCAVATION (SOE) SHALL BE SHOWN ON PLANS AND DETAILED BY THE SOE ENGINEER. THE SOE ENGINEER SHALL FILE SUCH PLANS AND OBTAIN APPROVAL FROM THE DEPARTMENT OF BUILDINGS AS PART OF THE FILING FOR THE FOUNDATION PERMIT.

SPECIAL INSPECTION NOTES:

1. SPECIAL INSPECTION ITEMS REQUIRED BY NYC BUILDING CODE RELATED TO FOUNDATION WORK SHOWN ON GACE DRAWINGS. GACE SHALL BE THE DESIGN APPLICANT FOR THESE ITEMS.

A. CONCRETE - CAST-IN-PLACE
B. CONCRETE SAMPLING AND TESTING
C. CONCRETE DESIGN MIX
D. POST-INSTALLED ANCHORS (BB# 2014-018, 2014-019, 2015-027, 2016-005)

THE CONTRACTOR IS OBLIGATED TO NOTIFY THE INSPECTOR AT LEAST 72 HOURS BEFORE INSTALLATION OF SUCH ITEMS SO THAT PROPER INSPECTION CAN BE MADE. IN NO CASE SHALL SUCH ITEMS BE INSTALLED OR CONSTRUCTED WITHOUT COMPLETE APPROVAL OF THE INSPECTOR. UNAPPROVED INSTALLATION IS SUBJECT TO REMOVAL AND REPLACEMENT AT THE CONTRACTOR'S SOLE EXPENSE.

ALL SPECIAL INSPECTIONS SHALL BE PERFORMED BASED ON APPROVED SHOP DRAWINGS. INSPECTIONS PERFORMED BASED ON UNAPPROVED DRAWINGS SHALL BE CONSIDERED INVALID AND SHALL BE REJECTED.

2. SPECIAL INSPECTION ITEMS REQUIRED BY NYC BUILDING CODE RELATED TO THE STRUCTURAL WORK NOT SHOWN ON GACE DRAWINGS. GACE SHALL NOT BE THE DESIGN APPLICANT FOR THESE ITEMS AND SHALL NOT BE LISTED AS SUCH ON THE TECHNICAL RESPONSIBILITY FORMS REQUIRED BY THE DEPARTMENT OF BUILDINGS. GACE SHALL TAKE NO RESPONSIBILITY FOR THE DESIGN AND/OR CONSTRUCTION OF SUCH ITEMS AND ANY RELATED WORK.

A. MASONRY
B. SUBGRADE INSPECTION
C. SUBSURFACE CONDITIONS - FILL PLACEMENT & IN-PLACE DENSITY
D. SUBSURFACE INVESTIGATION (BORINGS/TEST PITS) - TR4
E. EXCAVATIONS - SHEETING, SHORING, AND BRACING

NEW YORK CITY CODE NOTES

SCOPE OF WORK:
STRUCTURAL WORK PROPOSED FOR NEW BUILDING AS SHOWN ON PLANS HEREIN.

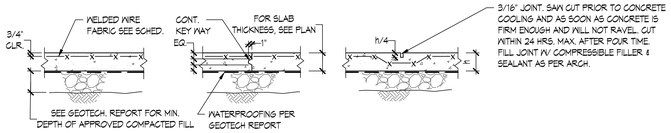
- ALL FOUNDATIONS EXTEND BELOW THE FROST LINE. BOTTOM OF FOOTING ELEVATIONS ARE ALL 4 FEET BELOW GRADE OF MORE.
- FOUNDATION DRAWINGS ARE IN COMPLIANCE WITH: AC 28-104.7, AC 28-104.8 AND BC 107.1.1.
- REFER TO DRAWING S-002 FOR LOAD CRITERIA AND SCHEDULES.

RELATED JOB APPLICATION NUMBERS:

NEW BUILDING (NB):	X01091719-I1
FOUNDATION (FO):	X01091719-S1
STRUCTURAL (ST):	X01091719-S3
SUPPORT OF EXCAVATION (SE):	X01091719-S2
MECHANICAL SYSTEMS (MS):	X01091719-S4
PLUMBING (PL):	X01091719-S5
STANDPIPE, SPRINKLER:	X01091719-S6

REINFORCEMENT SCHEDULE

SLAB THICKNESS	REINFORCEMENT	MAX. JOINT SPACING (@ INTERIOR SLABS)	MAX. JOINT SPACING (@ EXTERIOR SLABS)
4"	6x6-W1.4xW1.4	10'-0" E/W.	8'-0" E/W.
5"	6x6-W2.1xW2.1	12'-0" E/W.	10'-0" E/W.
6"	6x6-W2.9xW2.9	15'-0" E/W.	12'-0" E/W.

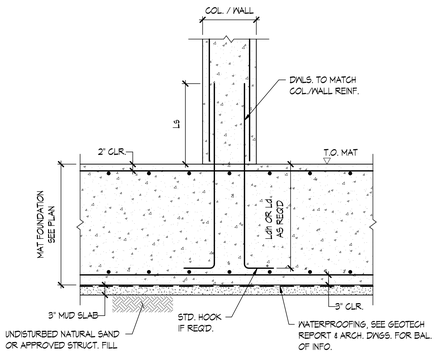


TYPICAL SLAB-ON-GRADE CONSTRUCTION JOINT SAW CUT CONTRACTION JOINT

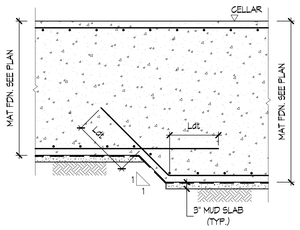
NOTE: PROVIDE CONTINUOUS WATERSTOP IN ALL JOINTS AS REQ'D. BY ARCHITECT.

NOTES:
1. FOR MAXIMUM SPACING SEE TABLE ABOVE. PROVIDE JOINTS AT HALF THE INDICATED SPACING WHEN ADJACENT TO SLAB STEPS.
2. CONTRACTOR TO PROVIDE PROPOSED JOINT LAYOUT PLAN FOR REVIEW AND APPROVAL.

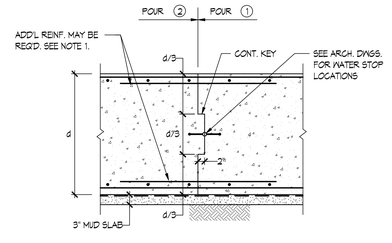
1 TYPICAL SLAB-ON-GRADE
3/4" = 1'-0"



3 TYPICAL MAT FOUNDATION
3/4" = 1'-0"

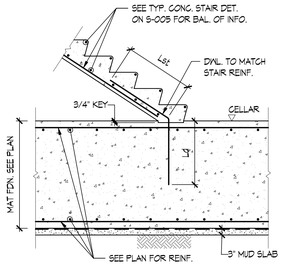


4 TYPICAL CHANGE IN MAT FOUNDATION THICKNESS
1/2" = 1'-0"

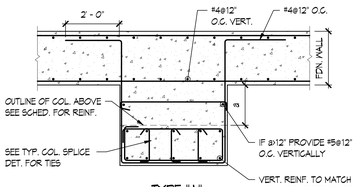


5 TYPICAL MAT FOUNDATION CONSTRUCTION JOINT
3/4" = 1'-0"

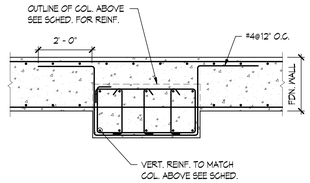
NOTES:
1. CONTRACTOR SHALL SUBMIT ALL PROPOSED CONSTRUCTION JOINTS FOR APPROVAL.
2. SEE FO-001 FOR BALANCE OF INFORMATION.



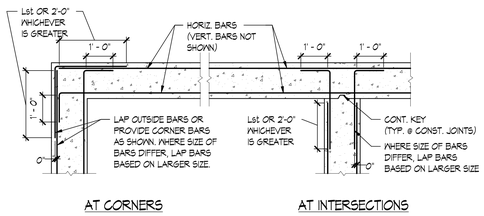
6 TYPICAL CONCRETE STAIR AT CELLAR CONNECTION
1/2" = 1'-0"



TYPE "A"



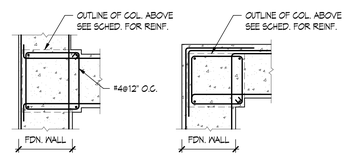
TYPE "B" COLUMN BUTTRESS WITHIN FOUNDATION WALL



AT CORNERS AT INTERSECTIONS

7 TYPICAL HORIZONTAL REINFORCING FOR CONCRETE WALLS (PLAN)
1/2" = 1'-0"

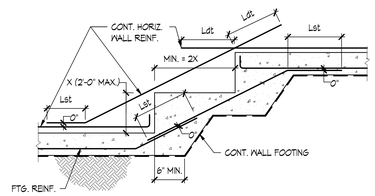
NOTE: PROVIDE CONTINUOUSE WATERSTOPS IN ALL JOINTS AS REQUIRED BY ARCHITECT.



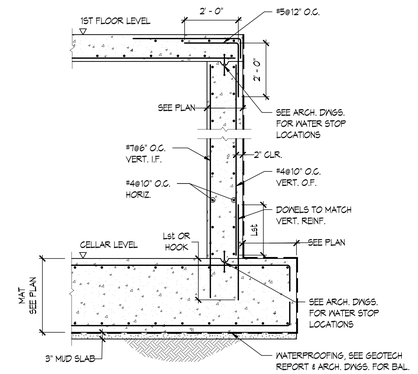
TYPE "C" TYPE "D"

8 TYPICAL COLUMN BUTTRESS PLAN
1/2" = 1'-0"

NOTE: FOR BALANCE OF WALL REINFORCEMENT & OTHER INFORMATION SEE TYPICAL WALL SECTIONS / PIER-BUTTRESS DETAIL.

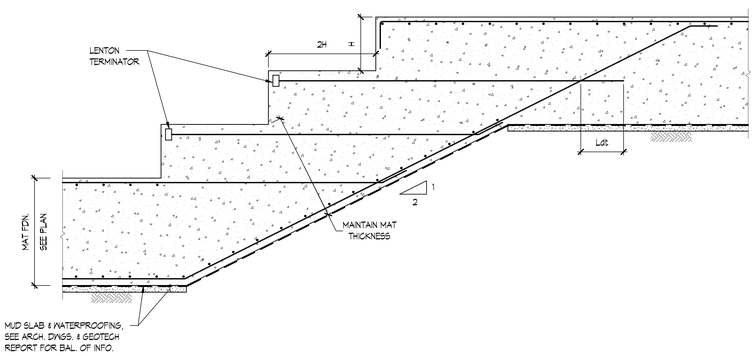


9 TYPICAL STEPPED WALL FOOTING
1/2" = 1'-0"

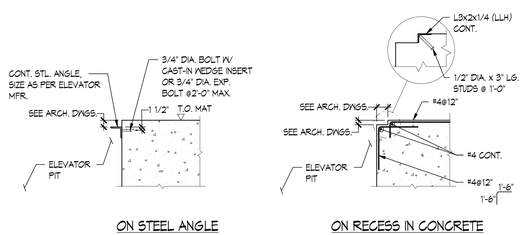


10 TYPICAL FOUNDATION WALL
1/2" = 1'-0"

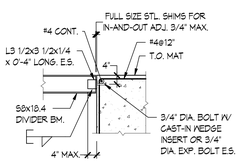
NOTE: PROVIDE CONTINUOUS WATERSTOPS IN JOINTS AS REQUIRED BY ARCHITECT.



11 TYPICAL STEPPED MAT
1/2" = 1'-0"

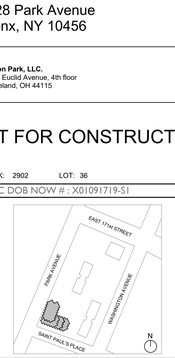


ELEVATOR SILL



DIVIDER BEAM CONNECTION TO ELEVATOR PIT

12 TYPICAL ELEVATOR PIT DETAILS
1/2" = 1'-0"



Key Plan:

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NOT FOR CONSTRUCTION

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NYC DOB NOW # : X01091719-S1

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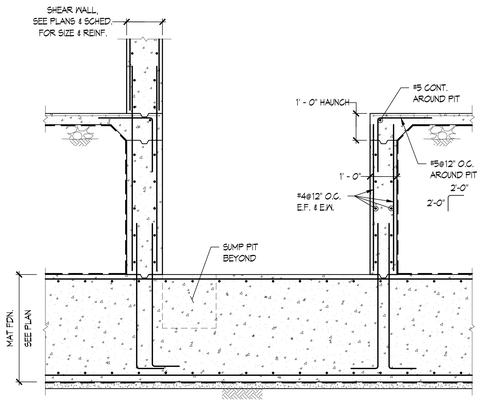
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FOUNDATION NOTES & DETAILS

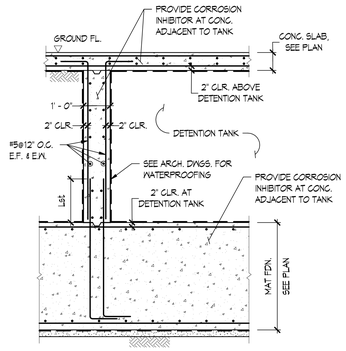
DOB SEAL:

SEAL & SIGNATURE:

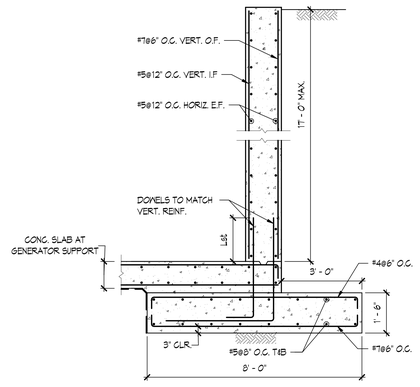
PROJECT No:	C1238.00
DRAWING BY:	MO
CHK BY:	MM
DWG No:	FO-001.00
SCALE: As indicated	3 OF 32



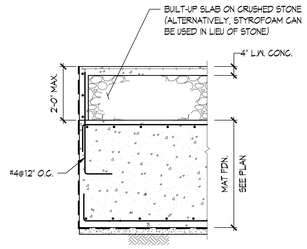
1 SECTION
1/2" = 1'-0"



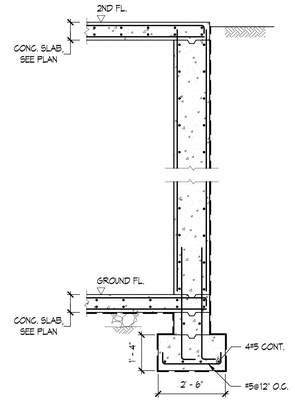
2 SECTION
1/2" = 1'-0"



3 SECTION
1/2" = 1'-0"



4 SECTION
1/2" = 1'-0"
NOTE: SEE DETAIL 6 ON S-004 FOR BALANCE OF INFORMATION.



5 SECTION
1/2" = 1'-0"
NOTE: SEE TYPICAL FOUNDATION WALL DETAIL 10 ON FO-001 FOR BALANCE OF INFORMATION.

Sol On Park

3728 Park Avenue
Bronx, NY 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB NOW # : X01091719-S1



Key Plan:

NUMBER	DATE	DESCRIPTION
1	06/28/2024	FULL DD SET/DOB FILING
2	07/25/2024	TA FILING SET
3	08/23/2024	DOB FILING
4	04/11/2025	REPRICING SET - CELLAR REMOVAL

Revisions:

Architect:

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42 West 39th Street, 15th Floor
New York NY 10018
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New York NY 10007
Tel (212) 964 4494

Do Not Scale Plans
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FOUNDATION SECTIONS

DOB SEAL:

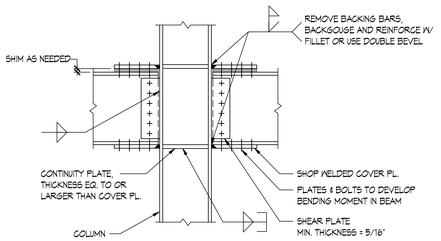
SEAL & SIGNATURE:

PROJECT No: C1238.00
DRAWING BY: MO
CHK BY: MM
DWG No:

FO-201.00

SCALE: 1/2" = 1'-0"

5 OF 32

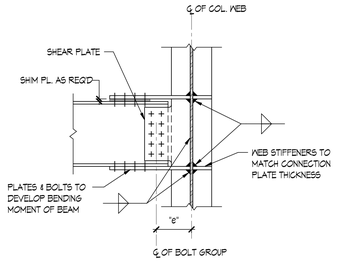


1 TYPICAL MOMENT CONNECTION AT COLUMN FLANGE

3/4" = 1'-0"

NOTES:

1. MOMENT CONNECTIONS SHALL DEVELOP FULL PLASTIC MOMENT CAPACITY OF BEAM U.O.N.
2. ADDITIONAL CHANNEL SUPPORTS FOR FLOOR STRUCTURE SUPPORT NOT SHOWN FOR CLARITY.

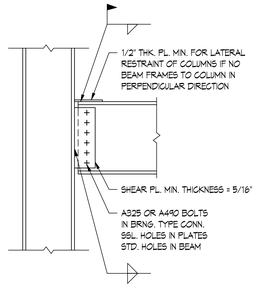


2 TYPICAL BEAM TO COLUMN WEB MOMENT CONNECTION

3/4" = 1'-0"

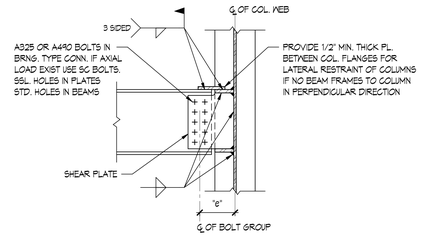
NOTES:

1. DESIGN SHEAR CONNECTION FOR ECCENTRICITY "e".
2. IF THERE IS ALSO A MOMENT CONNECTION TO FLANGE OF COLUMN, WELDS OF MOMENT CONNECTING PLATE TO COLUMN ARE TO BE PROPORTIONED TO TAKE FORCES FROM BOTH DIRECTIONS SIMULTANEOUSLY.



3 TYPICAL BEAM TO COLUMN FLANGE SHEAR CONNECTION

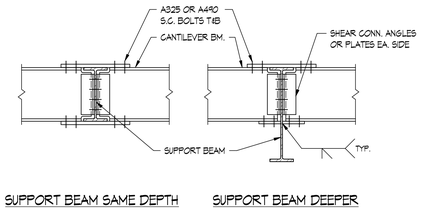
3/4" = 1'-0"



4 TYPICAL BEAM TO COLUMN WEB SHEAR CONNECTION

3/4" = 1'-0"

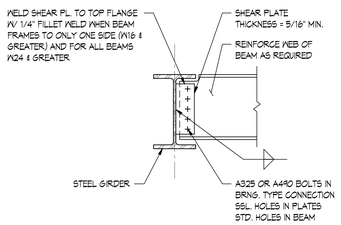
NOTE: DESIGN CONNECTION FOR ECCENTRICITY "e"



SUPPORT BEAM SAME DEPTH SUPPORT BEAM DEEPER

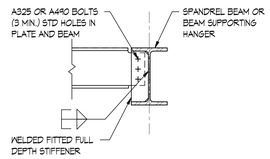
5 TYPICAL CANTILEVER BEAM CONNECTION

3/4" = 1'-0"



6 TYPICAL BEAM TO GIRDER CONNECTION

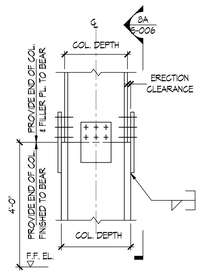
3/4" = 1'-0"



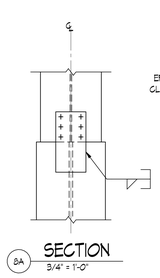
7 TYPICAL END CONNECTION TO SPANDREL BEAMS OR STAIR HANGERS

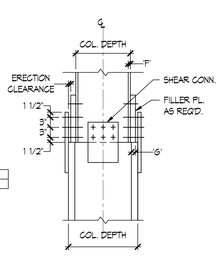
3/4" = 1'-0"

NOTE: SEE TYPICAL BEAM TO GIRDER CONNECTION FOR BALANCE OF INFORMATION.



WITHOUT FILLER PLATE



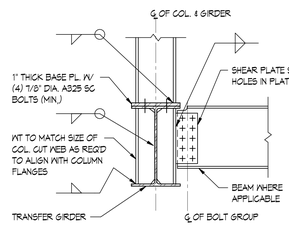


WITH FILLER PLATE

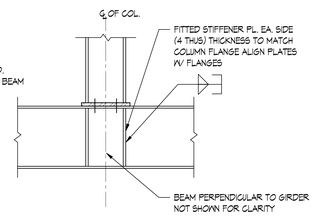
8 TYPICAL STEEL COLUMN SPLICE

3/4" = 1'-0"

NOTE: BEARING DIMENSION 'G' SHALL BE EQUAL OR GREATER THAN 'F'.



COLUMN WEB PERPENDICULAR TO GIRDER

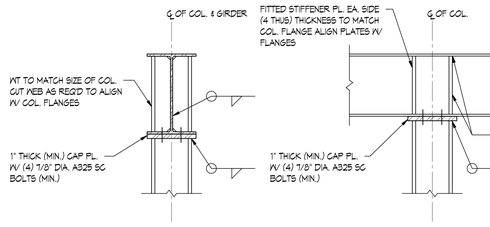


COLUMN WEB PARALLEL TO GIRDER

9 TYPICAL COLUMN TRANSFER

3/4" = 1'-0"

NOTE: DESIGN CONNECTION FOR ECCENTRICITY "e"

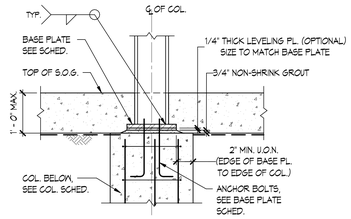


COLUMN WEB PERPENDICULAR TO GIRDER

COLUMN WEB PARALLEL TO GIRDER

10 BEAM ON TOP OF COLUMN

3/4" = 1'-0"



11 TYPICAL STEEL COLUMN TO CONCRETE COLUMN CONNECTION (NON-SEISMIC)

3/4" = 1'-0"

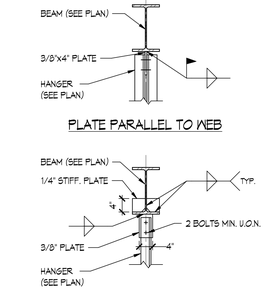


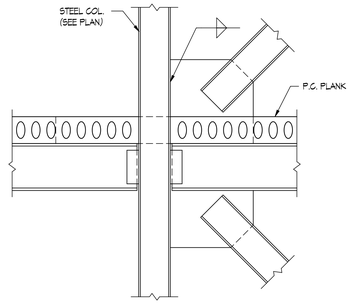
PLATE PARALLEL TO WEB

PLATE PERPENDICULAR TO WEB

12 TYPICAL HANGER CONNECTION

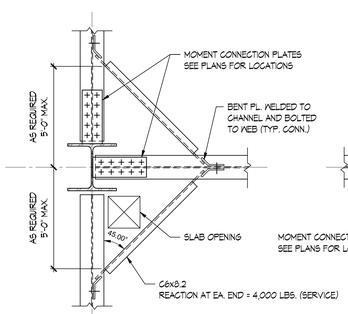
3/4" = 1'-0"

NOTE: SIZE OF PLATES, WORKING WELDS AND NUMBER OF BOLTS SHALL BE DESIGNED INDIVIDUALLY IF HANGER LOAD IS IN EXCESS OF 10,000 LBS.

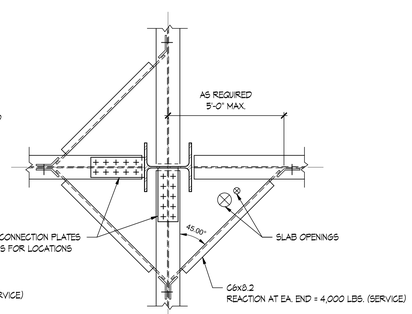


13 TYPICAL BRACE CONNECTION

3/4" = 1'-0"



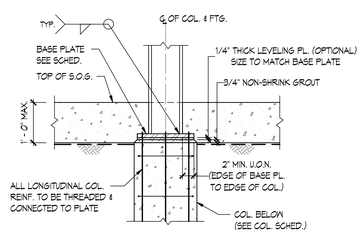
AT EXTERIOR COLUMNS WHERE REQUIRED



AT INTERIOR COLUMNS WHERE REQUIRED

14 TYPICAL METAL DECK SUPPORTS AT COLUMNS WITH OPENINGS AND/OR MOMENT CONNECTION PLATES

3/4" = 1'-0"



15 LATERAL STEEL COLUMN TO CONCRETE COLUMN CONNECTION (NON-SEISMIC)

3/4" = 1'-0"

Sol On Park

3728 Park Avenue
Bronx, NY 10456

Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB NOW # : X01091719-S3



Key Plan:

NUMBER	DATE	DESCRIPTION
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Revisions:

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Magnusson Architecture & Planning PC
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New York NY 10018
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Landscape Architect:

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Brooklyn NY 11201
Tel (212) 981 3933

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New York, NY 10016
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JM Zoning LLC
225 Broadway #1300
New York NY 10007
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Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

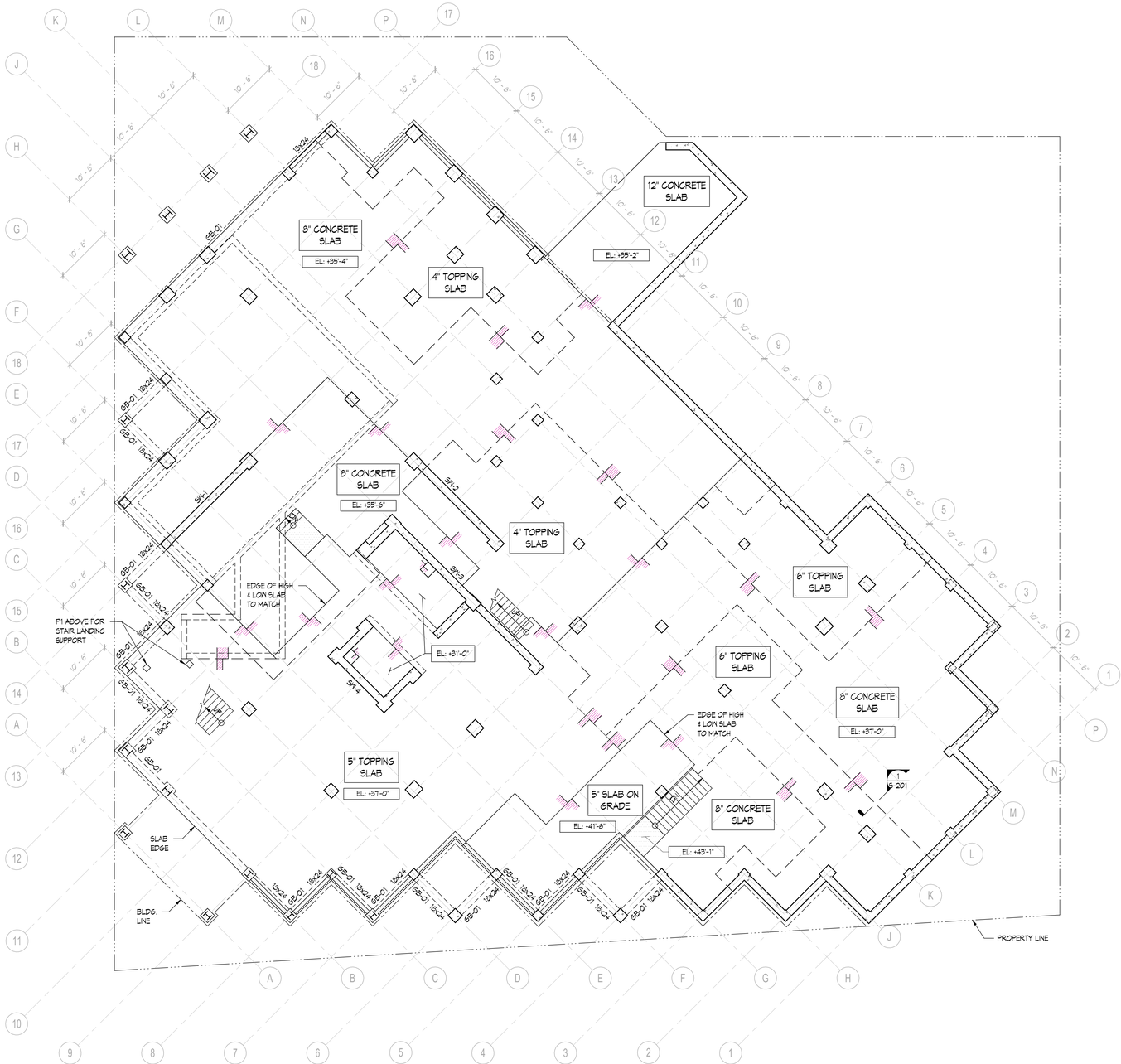
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TYPICAL DETAILS 4

DOB SEAL:

SEAL & SIGNATURE:

PROJECT No:	C1238.00
DRAWING BY:	MO
CHK BY:	MM
DWG No:	S-006.00
SCALE: 3/4" = 1'-0"	9 OF 32



1ST (GROUND) FLOOR FRAMING PLAN

1/8" = 1'-0"

NOTES:

1. X" CONCRETE SLAB — DENOTES CONCRETE SLAB OF THICKNESS 'X'. SEE CONCRETE NOTES ON DRAWING S-001 FOR BALANCE OF INFORMATION.
2. EL. XX'-XX" — DENOTES TOP OF SLAB ELEVATION WITH RESPECT TO NAVD88 DATUM.
3. REINFORCING BARS SHOWN ON PLAN TO BE PLACED IN ACCORDANCE WITH TYPICAL FLAT PLATE DETAILS ON DRAWING S-003 AND IN ADDITION TO ANY STANDARD REINFORCEMENT CALLED FOR IN THOSE DETAILS.
4. ALL REINFORCING SHOWN ON PLAN IS TO BE PLACED IN ADDITION TO TYPICAL BOTTOM REINFORCEMENT OF #5@12" EACH WAY CONTINUOUS AND TYPICAL TOP REINFORCEMENT OF #6@12" EACH WAY CONTINUOUS..
5. ___ (B) ___ — DENOTES ADDITIONAL BOTTOM REINFORCEMENT.
6. _____ — DENOTES ADDITIONAL TOP REINFORCEMENT.
7. PLACE EAST-WEST REINFORCEMENT IN THE OUTERMOST LAYER.
8. ALL REINFORCEMENT IN BALCONIES, EYEBROWS & OTHER AREAS OF EXPOSED CONCRETE ARE TO BE EPOXY COATED. INCREASE BAR LENGTHS AS REQUIRED PER SCHEDULE ON S-002.
9. SLAB OPENINGS AND PENETRATIONS SHOWN SHALL BE COORDINATED WITH ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING & SPRINKLER DRAWINGS.
10. FOR BEAM REINFORCEMENT, SEE BEAM SCHEDULES ON DRAWING S-305. TOP OF BEAMS TO BE EVEN WITH TOP OF SLAB, UNLESS OTHERWISE NOTED THUS (X-X").
11. FOR COLUMN DIMENSIONS & REINFORCEMENT, SEE COLUMN SCHEDULE ON DRAWINGS S-301 THRU S-304.
12. SW-XX — DENOTES CONCRETE SHEAR WALL. SEE DRAWING S-401 FOR BALANCE OF INFORMATION.
13. ___ X-X-- ___ — DENOTES STEEL FRAMING.
14. [ ] — DENOTES RAISED LIGHTWEIGHT CONCRETE SLAB. SEE DETAIL 6 ON DRAWING S-004.
15. P1 — DENOTES 12x12 CONCRETE POST WITH 4#6 VERTICAL BARS.

GRAPHIC SCALE 8' 0' 8' 16'

DOB SEAL:

Sol On Park

3728 Park Avenue
Bronx, NY 10456

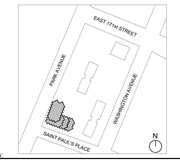
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NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB NOW # : X01091719-S3



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1ST (GROUND) FLOOR FRAMING PLAN

SEAL & SIGNATURE:

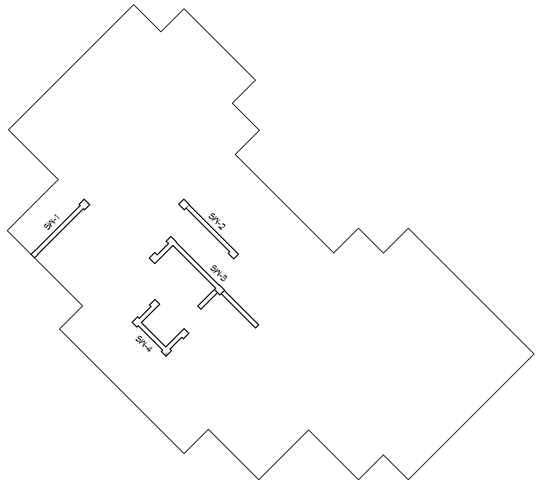
PROJECT No:	C1238.00
DRAWING BY:	MO
CHK BY:	MM
DWG No:	S-101.00
SCALE: 1/8" = 1'-0"	11 OF 32

SHEAR WALL SCHEDULE

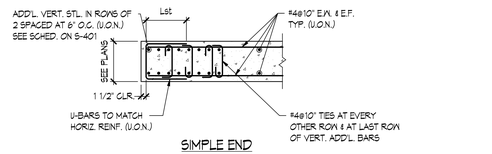
FLOOR \ GROUP	ADDITIONAL VERTICAL REINFORCEMENT GROUPS												
	GROUP 1A	GROUP 1B	GROUP 2A	GROUP 3A	GROUP 3B	GROUP 3C	GROUP 3D	GROUP 3E	GROUP 4A	GROUP 4B	GROUP 4C	GROUP 4D
2ND	12#9	16#10	10#10	12#11	20#11	16#11	8#8	8#10	14#10	20#11	20#11	16#10
1ST	16#10	20#10	12#10	12#11	20#11	16#11	8#8	10#11	14#10	22#11	27#11	18#10

NOTES:

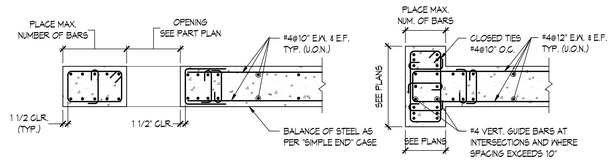
1. ALL BARS USED IN SHEAR WALLS MUST BE TENSION SPLICED. SEE SCHEDULE ON S-003.
2. STANDARD MATS TO BE PLACED AT EACH FACE OF WALLS.
3. ADDITIONAL VERTICAL GROUP REINFORCEMENT IN WALLS SHALL BE TIED WITH TIE HOOKS (SEE DETAIL 1 ON S-401)
4. THE CONTRACTOR SHALL NOT TROWEL CONSTRUCTION JOINTS BETWEEN SLABS AND SHEAR WALLS.
5. OPENINGS AND PENETRATIONS ARE SHOWN SCHEMATICALLY TO PROVIDE GOVERNING CRITERIA WHERE REQUIRED FOR STRUCTURAL REASONS ONLY. REFER TO MECHANICAL, ELECTRICAL & PLUMBING DRAWINGS FOR BALANCE OF INFO.
6. SEE DETAIL 1 ON S-401 FOR TYPICAL DETAIL AT SHEAR WALL EXTREMITIES.
7. SEE PLANS FOR LOCATION OF SHEAR WALLS.



KEY PLAN
N.T.S.



SIMPLE END



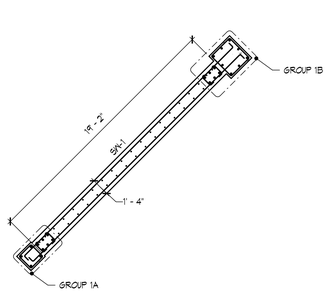
INTERRUPTED END

HAMMERHEAD END

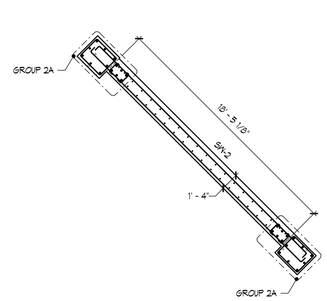
1 TYPICAL DETAIL AT SHEAR WALL EXTREMITIES
3/4" = 1'-0"

NOTE:

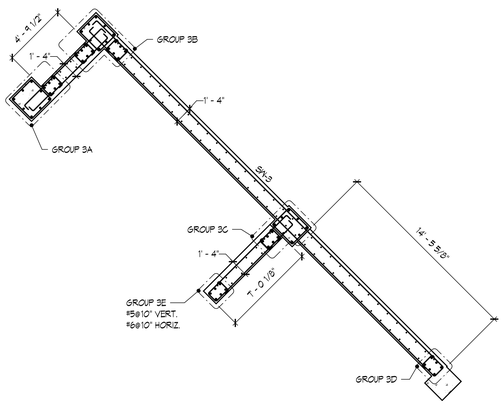
1. SEE SHEAR WALL PLANS FOR BALANCE OF INFORMATION.



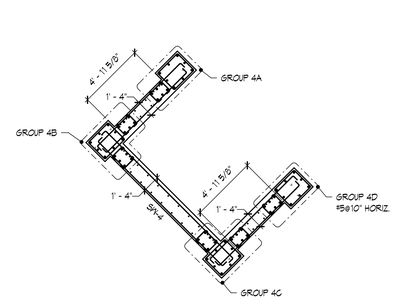
2 SW-1 @ FIRST THRU 2ND FLOOR PART PLAN
1/4" = 1'-0"



3 SW-2 @ FIRST THRU 2ND FLOOR PART PLAN
1/4" = 1'-0"



4 SW-3 @ FIRST THRU 2ND FLOOR PART PLAN
1/4" = 1'-0"



5 SW-4 @ FIRST THRU 3RD FLOOR PART PLAN
1/4" = 1'-0"

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1	04/12/2024	4/12/2024 DD PROGRESS
2	04/19/2024	TA FILING SET
3	06/28/2024	FULL DD SET/DOB FILING
4	07/25/2024	TA FILING SET
5	08/23/2024	DOB FILING
6	04/11/2025	REPRICING SET - CELLAR REMOVAL

Revisions:

Architect:

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42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

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New York NY 10016
Tel (212) 545 7878

MEP Engineer:

Ettinger Engineering Associates
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New York NY 10018
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W Architecture & Landscape Architecture
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Brooklyn NY 11201
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Civil Engineer:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016
Tel (212) 696 0670

Filing Representative:

JM Zoning LLC
225 Broadway #1300
New York NY 10007
Tel (212) 964 4464

Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

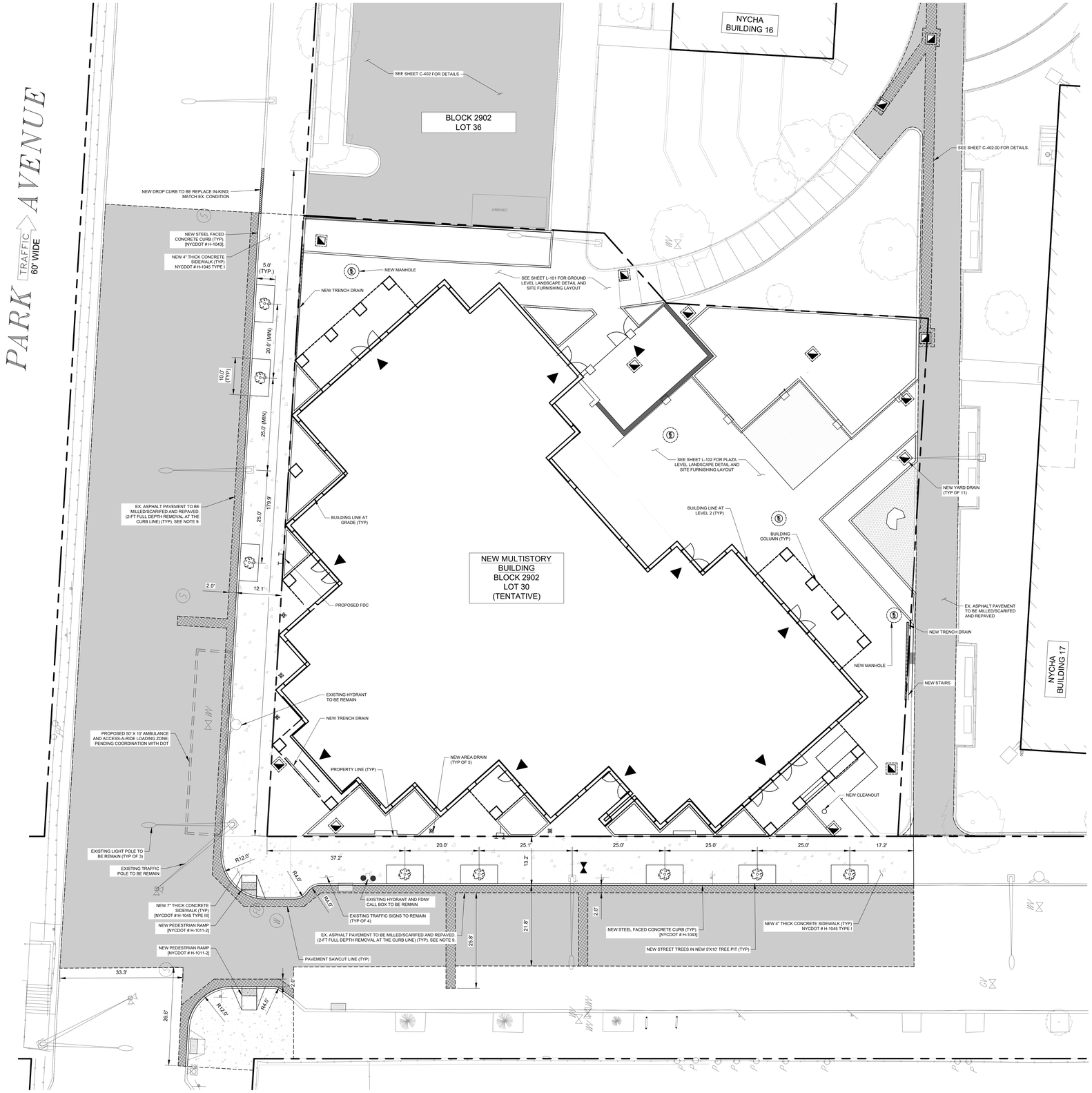
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SHEAR WALL DETAILS AND SCHEDULE

DOB SEAL:

SEAL & SIGNATURE:

PROJECT No: C1238.00
DRAWING BY: MO
CHK BY: MM
DWG No: S-401.00
SCALE: As indicated
28 OF 32



GENERAL NOTES

01 SCOPE SUBJECT TO CHANGE PENDING NYC AGENCY APPROVALS.

02 ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88) AS ESTABLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). REFER TO SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. PC. DATED JANUARY 24, 2023

03 CONTRACTOR TO VERIFY ALL FIELD CONDITIONS WITH THE ENGINEER.

04 FOR ALL CONSTRUCTION OUTSIDE OF THE PROPERTY LINE, THE CONTRACTOR SHALL REFER TO THE APPROVED PERMIT PLAN.

05 CONTRACTOR TO COORDINATE ALL BPP STRUCTURES WITH PROPOSED UTILITIES

06 THE CONTRACTOR SHALL ENSURE THAT ANY DOOR ENCROACHMENTS ONTO THE SIDEWALK SHALL NOT EXCEED 18-INCHES, AS PER THE NYC DOB BC.

07 ALL VAULT GRATING SHALL BE ADA COMPLIANT.

08 ALL PAVEMENT STRIPING WITHIN THE CITY RIGHT-OF-WAY DISTURBED DUE TO CONSTRUCTION ACTIVITY TO BE REPLACED IN-KIND UNLESS NOTED OTHERWISE.

09 RIGHT-OF-WAY PAVEMENT RESTORATION AREA MAY WIDEN TO CURB-TO-CURB, PENDING OFFICIAL DOT "PROTECTED" STREET STATUS NOTIFICATION FOR PARK AVENUE AND SAINT PAUL'S PLACE.

STREET TREE TABLE:

(NEW BUILDING FRONTAGE ONLY)

TOTAL NUMBER OF TREES REQUIRED BY NYC DOB	14
EXISTING TREES TO PROTECT	0
EXISTING TREES TO REMOVE/RELOCATE	0
PROPOSED TREES TO PLANT ON-SITE	8
TREES TO PLANT OFF-SITE	0
TREES TO PAY INTO TREE FUND AS ON-SITE PLANTINGS	0
TREES TO PAY INTO TREE FUND AS OFF-SITE PLANTINGS	6

LEGEND

- PROPERTY LINE
- NEW BUILDING
- NEW SIDEWALK CONCRETE PAVEMENT
- NEW ASPHALT PAVEMENT
- NEW FULL DEPTH ASPHALT PAVEMENT
- BUILDING DOOR / ACCESS
- NEW YARD DRAIN
- NEW PLANER DRAIN
- NEW FLOOR DRAIN
- NEW MANHOLE
- NEW STREET TREE IN NEW 5'X10' TREE PIT

0 5 10 20
SCALE: 1" = 10'

SITE/CIVIL ENGINEER

akrf

AKRF INC.
440 PARK AVENUE SOUTH
NEW YORK, NY 10016
(212) 696-0670

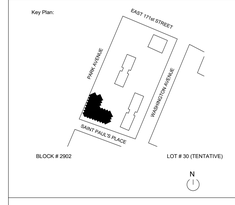
OWNER
NYC HOUSING AUTHORITY
90 CHURCH STREET
NEW YORK, NY 10007
(212)306-4019

DEVELOPER
SOL ON PARK LLC
1228 EUCLID AVENUE, 4TH FLOOR
CLEVELAND, OH 44115
(646)259-3590

ARCHITECT
MAGNUSSON ARCHITECTURE & PLANNING PC
42 WEST 39TH STREET, 15TH FLOOR
(212)253-7820

SURVEYOR
CONTROL POINT ASSOCIATES INC PC
9 TIMES SQUARE,
200 WEST 41ST STREET, 14TH FLOOR
NEW YORK, NY 10036
(646)780-0411

Key Plan:



NEW YORK STATE EDUCATION LAW 145, SECTION 7209, PROHIBITS ANY INDIVIDUAL FROM ALTERING THESE DRAWINGS AND/OR ACCOMPANYING SPECIFICATIONS IN ANY WAY, UNLESS IT IS UNDER THE DIRECT SUPERVISION OF A LICENSED PROFESSIONAL ENGINEER. IF ALTERATIONS ARE MADE, THE ALTERING ENGINEER MUST SIGN, SEAL, DATE, AND DESCRIBE THE FULL DESCRIPTION OF THE ALTERATION ON THE DRAWING AND/OR SPECIFICATIONS.

JOHN CARBONE, P.E.

REVISIONS

No.	DATE	DESCRIPTION
	04/11/2025	REPRICING SET - CELLAR REMOVAL

PROJECT
SOL ON PARK

ADDRESS:
3728 PARK AVENUE, BRONX, NY
3730 PARK AVENUE, BRONX, NY
449 ST. PAUL'S PLACE, BRONX, NY
451 ST. PAUL'S PLACE, BRONX, NY

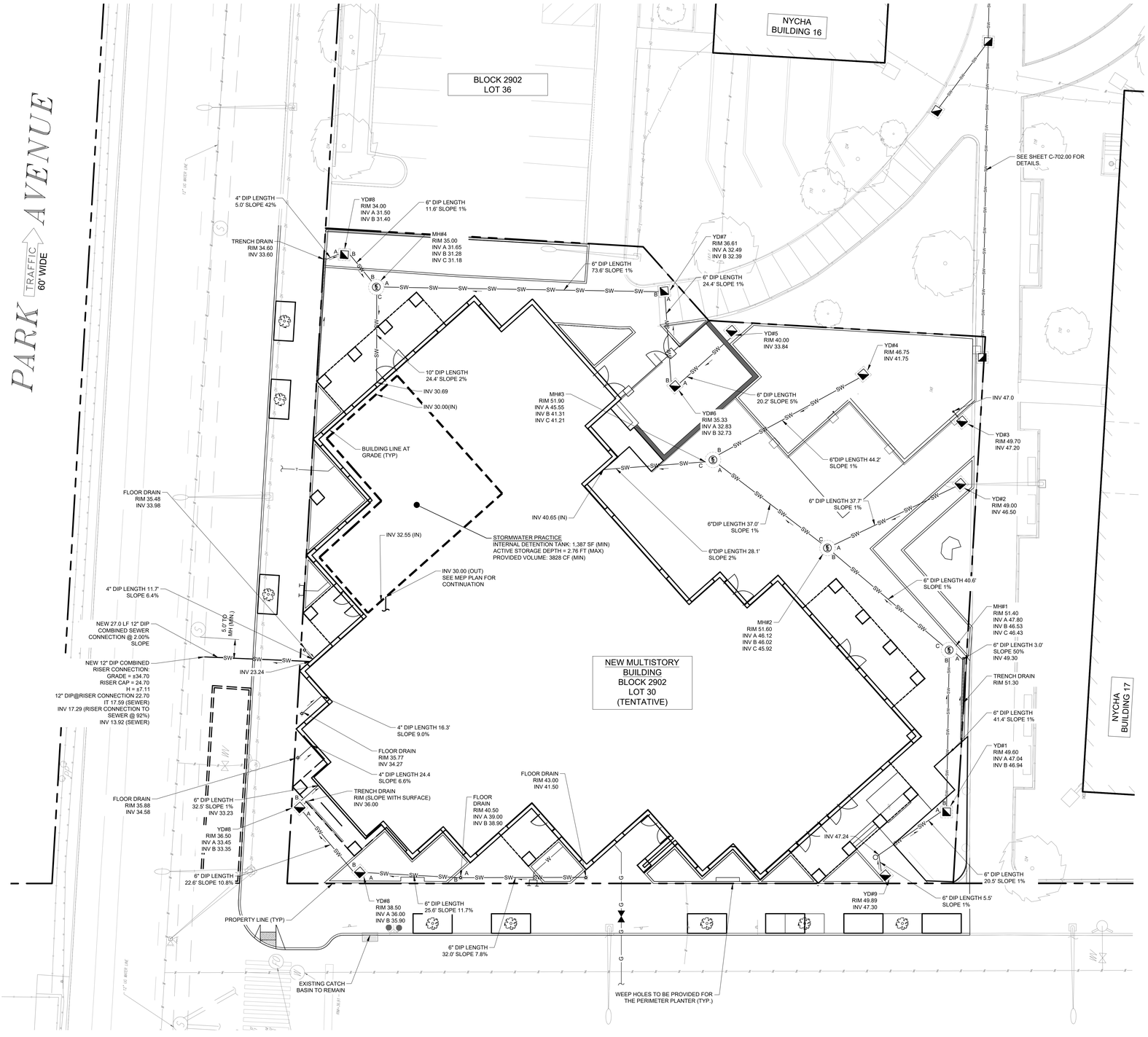
BLOCK: 2902, LOT: 30 (TENATIVE)

DRAWN BY	CHECKED BY
JL	AA
SCALE	DATE
1"=10'	11/18/2024

DRAWING TITLE
SITE PLAN 1

DRAWING NO.
C-401.00

SHEET NO.
SHEET OF



GENERAL NOTES

01 SCOPE SUBJECT TO CHANGE PENDING NYC AGENCY APPROVALS.

02 ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88) AS ESTABLISHED BY THE NATIONAL GEODETIC SURVEY (NGS).REFER TO SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. PC. DATED JANUARY 24, 2023

03 CONTRACTOR TO VERIFY ALL FIELD CONDITIONS WITH THE ENGINEER.

04 FOR ALL CONSTRUCTION OUTSIDE OF THE PROPERTY LINE, THE CONTRACTOR SHALL REFER TO THE APPROVED PERMIT PLAN.

05 CONTRACTOR TO SUBMIT SHOP DRAWINGS AND MATERIAL SUBMITTALS TO ENGINEER FOR REVIEW.

06 ALL DAMAGED MANHOLES AND SEWER PIPING CAUSED BY THE CONTRACTOR'S WORK SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR, AS DIRECTED BY THE ENGINEER, AT NO COST TO THE OWNER/CITY.

07 CONTRACTOR TO RESET ALL EXISTING ELECTRICAL, WATER AND GAS VALVE COVERS AND ALL OTHER SURFACE UTILITY COVERS TO THE PROPOSED GRADE. THE CONTRACTOR SHALL COORDINATE WITH CON EDISON, NATIONAL GRID, NYCDEP AND OTHER RESPECTIVE UTILITY AGENCIES FOR THE RESETTING OF COVERS. FOR SERVICES TO REMAIN, CONTRACTOR IS RESPONSIBLE TO PROTECT ALL SERVICES AND UTILITY INFRASTRUCTURE TO REMAIN DURING CONSTRUCTION.

LEGEND

- PROPERTY LINE
- NEW BUILDING
- BUILDING DOOR / ACCESS
- NEW STORMWATER PIPING
- NEW COMBINED STORM/SANITARY SEWER CONNECTION
- NEW WATER SERVICE
- NEW ELECTRICAL SERVICE
- NEW GAS SERVICE
- NEW TELECOMMUNICATION SERVICE
- NEW YARD DRAIN
- NEW PLANER DRAIN
- NEW FLOOR DRAIN
- NEW MANHOLE

0 5 10 20
SCALE: 1" = 10'

SITE/CIVIL ENGINEER
akrf
AKRF INC.
440 PARK AVENUE SOUTH
NEW YORK, NY 10016
(212) 696-0670

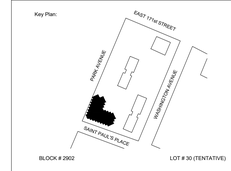
OWNER
NYC HOUSING AUTHORITY
90 CHURCH STREET
NEW YORK, NY 10007
(212)306-4019

DEVELOPER
SOL ON PARK LLC
1228 EUCLID AVENUE, 4TH FLOOR
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(646)259-3590

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CONTROL POINT ASSOCIATES INC PC
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200 WEST 41ST STREET, 14TH FLOOR
NEW YORK, NY 10036
(646)780-0411

Key Plan:



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JOHN CARBONE, P.E.

REVISIONS

No.	DATE	DESCRIPTION
	04/11/2025	REPRICING SET - CELLAR REMOVAL

PROJECT
SOL ON PARK

ADDRESS:
3728 PARK AVENUE, BRONX, NY
3730 PARK AVENUE, BRONX, NY
449 ST. PAUL'S PLACE, BRONX, NY
451 ST. PAUL'S PLACE, BRONX, NY

BLOCK: 2902, LOT: 30 (TENATIVE)

DRAWN BY	CHECKED BY
JL	AA
SCALE	DATE
AS NOTED	11/18/2024

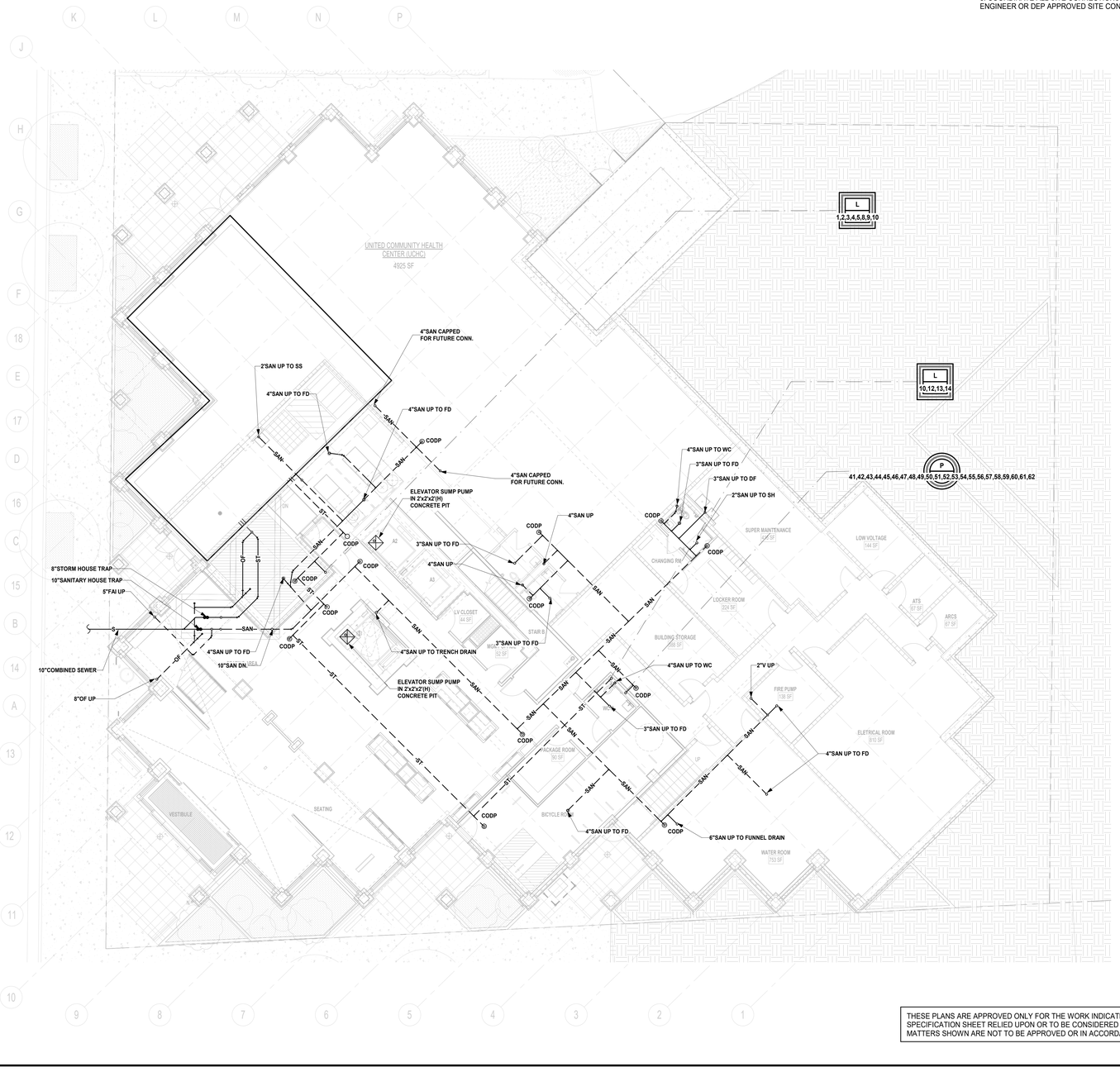
DRAWING TITLE
DRAINAGE PLAN 1

DRAWING NO.
C-701.00

SHEET NO.
SHEET OF

UNDERGROUND COORDINATION NOTES:

1. CONTRACTOR SHALL COORDINATE SOIL TYPE AND ANGLE OF REPOSE
PERMITTED WITH ALL THE BUILDING NEW BUILDING SEWERS AND HORIZONTAL
BRANCHES.
2. CONTRACTOR SHALL VERIFY ALL EXISTING SANITARY, STORM SEWER
ELEVATIONS AND FOOTING ELEVATIONS AND COORDINATE DETAILS OF PIPING
THROUGH OUTSIDE WALL WITH THE ARCHITECT, GENERAL CONTRACTOR AND
STRUCTURAL ENGINEERS ETC.
3. CONTRACTOR SHALL COORDINATE ALL HATCHED AREAS ON THIS PLAN
WITH STRUCTURAL ENGINEER FOR DROPPED FOOTING PRIOR TO ANY FOOTING
POURING AND CONSTRUCTION BEGINS.
4. CONTRACTOR SHALL USE DEEP SEAL TRAP ON ALL FLOOR DRAINS.
5. WHERE THE EXISTING FOOTING WALLS ARE DISTURBED DURING THE
INSTALLATIONS OF NEW PIPING, RESTORE TO ORIGINAL CONDITION AND NOTIFY
ARCHITECT TO INSPECT PRIOR TO BACKFILL.
6. CONTRACTOR SHALL VERIFY ALL EXISTING SANITARY, STORM SEWER AND/OR
FIRE MAIN PRIOR TO BID SUBMISSIONS.
7. CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO STORM, SANITARY
LATERALS INSTALLED BY SITE CONTRACTOR BUT NOT LIMITED TO.
8. COORDINATE ALL SITE CONNECTIONS WORK WITH CIVIL ENGINEER OR DEP APPROVED SITE CONNECTION DOCUMENTS.



THESE PLANS ARE APPROVED ONLY FOR THE WORK INDICATED ON THE APPLICATION SPECIFICATION SHEET RELIED UPON OR TO BE CONSIDERED AS EITHER BEING ALL OTHER MATTERS SHOWN ARE NOT TO BE APPROVED OR IN ACCORDANCE WITH APPLICABLE CODES.

DOB SEAL:

Sol on Park

3728 Park Avenue
Bronx, NY, 10456

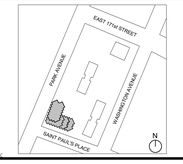
Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB # : X01091719-S5



Key Plan:

NUMBER	DATE	DESCRIPTION
1	04-14-23	SD Progress
2	05-01-23	100% SD SUBMISSION
3	09-01-23	50% DD
4	04-12-2024	DD PROGRESS
5	05-31-2024	DD PROGRESS
6	06-28-2024	FULL DD SET / DOB FILING
7	04-11-2025	REPRICING SET - CELLAR REMOVAL

Revisions:

Architect:

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New York NY 10018
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GACE Consulting Engineers
148 Madison Avenue 4th Floor
New York NY 10016
Tel (212) 545 7878

MEP Engineer:

Ettinger Engineering Associates
505 8th Avenue #2400
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225 Broadway #1300
New York NY 10007
Tel (212) 964 4464

Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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PLUMBING - UNDERGROUND PLAN

SEAL & SIGNATURE:



PROJECT No:	2675
DRAWING BY:	EK
CHK BY:	AS
DWG No:	P-099.00
SCALE:	1/8" = 1'-0"

GENERAL NOTES

1. SCOPE OF WORK: THE SCOPE OF WORK SHALL INCLUDE, BUT NOT BE LIMITED TO, THE LAYOUT AND INSTALLATION FOR SOLDIER PILES, LAGGING, SOIL TIEBACK ANCHORS, SOIL MIX COLUMNS, AND PERFORMING GENERAL EXCAVATION AS NEEDED TO ACHIEVE FINAL FOUNDATION SUBGRADES FOR THE PROPOSED DEVELOPMENT. THE CONTRACTOR SHALL PROVIDE ALL LABOR, MATERIALS, AND OTHER APPURTENANCES AS MAY BE REASONABLY INFERRED TO BE NECESSARY TO FACILITATE THE INSTALLATION OF THE SUPPORT OF EXCAVATION SYSTEM SHOWN AND DESCRIBED HEREIN.
2. THESE PLANS ARE FILED IN CONJUNCTION WITH THE NEW BUILDING APPLICATION (DOB NOW #X01091719-I1) AND WITH THE FO-SERIES DRAWINGS (DOB NOW #X01091719-S1)
3. FOR THE PURPOSES OF THESE DRAWINGS, "ENGINEER OF RECORD" AND "EOR" SHALL REFER TO THE ENGINEER OF RECORD FOR SUPPORT OF EXCAVATION UNLESS OTHERWISE NOTED.
4. ALL ELEVATIONS SHOWN ON THESE DRAWINGS ARE REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM (NAVD) 1988, UNLESS OTHERWISE NOTED.
   DATUM CONVERSIONS:
   NGVD29 = NAVD88 +1.109'
5. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OUTLINED ON THESE DRAWINGS AND AS INDICATED IN THE PROJECT SPECIFICATIONS.
6. ALL WORK SHALL COMPLY WITH THE REQUIREMENTS OF THE NEW YORK CITY BUILDING CODE AND THE REQUIREMENTS OF ALL OTHER AGENCIES HAVING JURISDICTION.
7. THE CONTRACTOR SHALL FOLLOW ALL APPLICABLE FEDERAL, STATE, AND CITY REGULATIONS.
8. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS FROM THE APPROPRIATE AGENCIES PRIOR TO COMMENCING WORK, AS REQUIRED.
9. THE CONTRACTOR SHALL REVIEW ALL EXISTING CONDITIONS IN THE FIELD PRIOR TO COMMENCING WORK. VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING FOUNDATIONS AND UTILITIES AND REPORT ANY DISCREPANCIES BETWEEN SURVEYS, CONTRACT DRAWINGS, AND THE FIELD CONDITIONS TO THE OWNER AND ENGINEER OF RECORD (EOR) FOR CLARIFICATION PRIOR TO COMMENCING WORK.
10. SHOULD FIELD CONDITIONS CONFLICT WITH THOSE INDICATED ON THESE DRAWINGS, THE EOR SHALL DETERMINE IMPACTS TO THE DESIGN AND PROVIDE REQUIRED DESIGN CHANGES, IF ANY.
11. THE WORK SHOWN IN THESE DRAWINGS SHALL BE EXECUTED IN CONJUNCTION WITH DRAWINGS OF ALL OTHER DISCIPLINES. DISCREPANCIES BETWEEN THESE DRAWINGS AND THOSE OF OTHER DISCIPLINES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION PRIOR TO COMMENCING WORK.
12. THE CONTRACTOR SHALL ACCOUNT FOR ENCOUNTERING NUMEROUS OBSTRUCTIONS, SUCH AS REMNANTS FROM PAST LAND USES, BULKHEADS, TIMBER PILES, TIMBER CRIBS, CONCRETE FOOTINGS AND SLABS, BOULDERS OR LARGE PIECES OF DEBRIS, IN THE FILL MATERIAL.
13. THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THAT OF OTHER TRADES, INCLUDING BUT NOT LIMITED TO: SITE UTILITIES, GENERAL EARTHWORK, AND BUILDING FOUNDATION CONSTRUCTION.
14. REFER TO STRUCTURAL DRAWINGS (FO AND S SERIES) FOR ALL FOUNDATION AND OTHER BUILDING DETAILS.
15. REFER TO ARCHITECTURAL DRAWINGS (A SERIES) FOR GENERAL BUILDING AND WATERPROOFING DETAILS.
16. REFER TO CIVIL DRAWINGS (C SERIES) FOR SITE UTILITIES AND GRADING DETAILS.
17. EXISTING UTILITIES AND STRUCTURES TO REMAIN SHALL BE PROTECTED, AS REQUIRED.
18. THE CONTRACTOR SHALL COORDINATE WITH AND OBTAIN APPROVAL FROM THE EOR PRIOR TO RELOCATING ANY SUPPORT OF EXCAVATION ELEMENT.
19. BENCH CUT OR SLOPE ALL EXCAVATIONS IN ACCORDANCE WITH OSHA STANDARDS AND SECTION 3304.4.2 OF THE NEW YORK CITY BUILDING CODE UNLESS SUITABLE TEMPORARY SHORING OR BRACING IS PROVIDED.
20. DO NOT OVER-EXCAVATE UNLESS DIRECTED BY THE EOR.
21. SURVEY BACKGROUND TAKEN FROM DRAWING TITLED "BOUNDARY, TOPOGRAPHIC & UTILITY SURVEY" DRAWING BY CONTROL POINT ASSOCIATES, INC. PC. LAST REVISED 16 NOVEMBER 2022.
22. FOUNDATION BACKGROUND TAKEN FROM PROGRESS DRAWING FO-101.00 PROVIDED BY GACE CONSULTING ENGINEERS PROVIDED 19 APRIL 2024.
23. REFER TO THE GEOTECHNICAL ENGINEERING REPORT PREPARED BY LANGAN (DATED 02 AUGUST 2024) FOR INFORMATION PERTAINING TO GENERAL SUBSURFACE CONDITIONS. THE SUBSURFACE CONDITIONS INDICATED ON THESE DRAWINGS ARE INFERRED FROM A LIMITED NUMBER OF TEST LOCATIONS. THE ACTUAL SUBSURFACE CONDITIONS MAY VARY.
24. THE SUPPORT OF EXCAVATION SYSTEM HAS BEEN DESIGNED ASSUMING A UNIFORM VERTICAL SURCHARGE OF 300 PSF (DESIGN SURCHARGE) UNLESS OTHERWISE INDICATED ON THE DRAWINGS. THE DESIGN SURCHARGE SHALL NOT BE EXCEEDED WITHOUT PRIOR APPROVAL.
25. IF CONSTRUCTION ENTERS A "STALLED SITE" CONDITION, THE EXCAVATION SHALL BE BACKFILLED OR THE PERIMETER BERMED TO PROTECT ADJOINING PROPERTY AND RIGHTS-OF-WAY AS REQUIRED BY THE EOR AND DOB. WHERE SLOPES ARE UTILIZED, THE INCLINATION SHALL NOT EXCEED 1V:1.5H.

GENERAL PHASING NOTES

1. THE CONTRACTOR SHALL ESTABLISH AND INSTALL ALL REQUIRED MONITORING FOR ADJACENT BUILDINGS AND STRUCTURES, IN CONSULTATION WITH THE ENGINEER OF RECORD.
2. THE CONTRACTOR SHALL VERIFY LOCATION OF, AND CLEAR ALL UTILITIES AND STRUCTURES OVER AND UNDER AREA OF EXCAVATION.
3. INSTALL PERIMETER SOLDIER PILES PER SEQUENCING NOTES AND DETAILS PROVIDED HEREIN.
4. PERFORM GENERAL EXCAVATION TO TEMPORARY SUBGRADE ELEVATIONS, AND INSTALL BRACING ELEMENTS WHERE REQUIRED PER SEQUENCING NOTES PROVIDED HEREIN, OR AS DIRECTED BY THE OWNER'S ENGINEER.
5. CONTINUE GENERAL EXCAVATION TO GENERAL SUBGRADE ELEVATION SHOWN ON THESE DRAWINGS, OR AS DIRECTED BY THE OWNER'S ENGINEER.
6. BACKFILL ANNULUS BETWEEN SUPPORT OF EXCAVATION SYSTEM AND NEW FOUNDATION WALLS PER THE NOTES PROVIDED HEREIN AND THE CONTRACT SPECIFICATIONS. BACKFILL SHALL NOT BE PLACED UNTIL THE FOUNDATION WALLS HAVE BEEN SUITABLY BRACED AGAINST LATERAL MOVEMENT AND HAVE ATTAINED SUITABLE STRENGTH AS DETERMINED BY THE OWNER'S STRUCTURAL ENGINEER.
7. REMOVE BRACING ONLY AT APPROVED INTERVALS FOLLOWING CONSTRUCTION OF PERMANENT FOUNDATION ELEMENTS AND PLACEMENT OF BACKFILL.
8. REMOVE ANY SOE ELEMENTS LOCATED OUTSIDE THE PROPERTY LIMITS TO A MINIMUM DEPTH OF 4'-0" BELOW FINAL GRADE.

STRUCTURAL STEEL NOTES

1. STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A572 OR A992, GRADE 50, U.O.N.
2. PLATES AND ALL OTHER MISCELLANEOUS STEEL SHALL CONFORM TO THE REQUIREMENTS OF ASTM A572, GRADE 50, U.O.N.
3. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS.
4. FIELD AND SHOP WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE LATEST AMERICAN WELDING SOCIETY STRUCTURAL WELDING CODE.
5. WELDING ELECTRODES SHALL BE E70XX, U.O.N.
6. SINGLE PASS FILLET WELDS SHALL BE AS NOTED ON THESE DRAWINGS, BUT SHOULD NOT BE LESS THAN 1/4 INCH.
7. REFER TO STRUCTURAL DRAWINGS (FO AND S SERIES) AND THE PROJECT SPECIFICATIONS FOR STRUCTURAL STEEL REQUIREMENTS RELATED TO ALL OTHER WORK.

TIMBER NOTES

1. TIMBER FOR GUARDRAILS SHALL BE ROUGH SAWN, FULL SIZE, CONSTRUCTION GRADE LUMBER WITH A MINIMUM ALLOWABLE BENDING STRESS OF 1,500 PSI.
2. ALL OTHER TIMBER SHALL BE ROUGH SAWN, FULL SIZE, SELECT STRUCTURAL GRADE LUMBER. SHEETING MEMBERS SHALL HAVE A MINIMUM ALLOWABLE BENDING STRESS OF 1,450 PSI. ALL TIMBERS SHALL BE OF THE MINIMUM SIZES SHOWN ON THE DRAWINGS.
3. ALL TIMBER SHALL BE OF THE MINIMUM DIMENSIONS SHOWN ON THE CONTRACT DRAWINGS.

GROUT NOTES

1. GROUT SHALL CONSIST OF A PUMPABLE MIXTURE OF PORTLAND CEMENT (TYPE I, II, OR III) AND WATER, AND ANY REQUIRED FINE AGGREGATE, SUPPLEMENTAL CEMENTITIOUS MATERIALS, OR ADMIXTURES.
2. THE CONTRACTOR SHALL SUBMIT A GROUT MIX DESIGN SUITABLE FOR ACHIEVING A MINIMUM UNCONFINED COMPRESSIVE STRENGTH AT 28 DAYS (F'C) OF 5,000 PSI.
3. GROUT SHALL BE MIXED THOROUGHLY WITH A HIGH-SPEED PADDLE MIXER. READY- MIX GROUT SHALL BE AN ACCEPTABLE ALTERNATIVE.
4. GROUT SHALL BE PLACED BY TREMIE METHODS.
5. ONE SET OF SIX 3-INCH X 6-INCH CYLINDERS SHALL BE TAKEN BY AN INDEPENDENT TESTING AGENCY FOR EVERY 50 CUBIC YARDS OF GROUT PLACED OR A MINIMUM OF ONE SET FOR EACH DAY THAT GROUT IS CAST. SAMPLES SHALL BE COMPRESSION TESTED AS FOLLOWS: (1) @ 3 DAYS, (1) @ 7 DAYS, (1) @ 14 DAYS, AND (2) @ 28 DAYS AND (1) RESERVE. SAMPLES ATTAINING THE REQUIRED COMPRESSIVE STRENGTH PRIOR TO THE NEXT TESTING INTERVAL SHALL NOT REQUIRE FURTHER TESTING. COMPRESSION TESTING SHALL BE IN ACCORDANCE WITH ASTM C39.

SOLDIER PILE AND LAGGING WALL

1. ALL SOLDIER PILES SHALL BE INSTALLED AT THE LOCATIONS SHOWN ON THE CONTRACT DRAWINGS UNLESS OTHERWISE APPROVED BY THE EOR. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE PILES THROUGH ANY OBSTRUCTIONS WITHOUT CAUSING ANY DAMAGE TO SURROUNDING STRUCTURES, SIDEWALKS, PAVEMENTS, AND UTILITIES.
2. PILES SHALL NOT DEVIATE FROM THE THEORETICAL LOCATION BY MORE THAN 3 INCHES AND FROM THE VERTICAL PLUMB BY MORE THAN 1%. SOLDIER PILES INSTALLED OUTSIDE OF THE ABOVE TOLERANCES SHALL BE EXTRACTED AND REINSTALLED.
3. SOLDIER PILES INSTALLATION SEQUENCE:
   3.1. GRADE SURFACE AS REQUIRED TO PROVIDE LEVEL WORKING PLATFORM.
   3.2. PERFORM PRE-EXCAVATIONS AS REQUIRED ALONG ALIGNMENT TO CLEAR UTILITIES OR OBSTRUCTIONS, WITHIN 30 FEET OF ADJACENT NEIGHBORING STRUCTURES/UTILITIES OR WHEREVER NEEDED.
   3.3. SET UP RIG AT THE PROPER LOCATION AND PLUMB MAST.
   3.4. INSTALL SOLDIER PILES TO THE REQUIRED DEPTH INDICATED ON THE CONTRACT DRAWINGS.
   3.5. CUT SOLDIER PILES TO PROPER ELEVATION AS SHOWN ON THE CONTRACT DRAWINGS.
4. LAGGING BOARDS SHALL BE INSTALLED AS THE EXCAVATION PROGRESSES. IN NO CASE SHALL THE EXCAVATION EXTEND MORE THAN 2 FT BELOW LAGGED SECTIONS OF WALL.
5. ADJACENT LAGGING BOARDS SHALL BE LOUVERED 2 INCHES TO ALLOW FOR BACKPACKING OF DISTURBED AREAS OR VOIDS.
6. DISTURBED AREAS, VOIDS AND MATERIAL LOST BEHIND LAGGING SHALL BE BACKPACKED WITH A DRY SOIL/CEMENT MIXTURE. HAY OR FILTER FABRIC SHALL BE USED TO PREVENT MIGRATION OF FINES THROUGH LOUVER OPENINGS.

TIEBACK ANCHOR GENERAL NOTES

1. THE CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING UTILITIES BEFORE STARTING TIEBACK INSTALLATION WORK.
2. CONTRACTOR SHALL SUBMIT ANCHOR SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCING ANCHOR INSTALLATION. SHOP DRAWINGS SHALL CONTAIN ANCHOR DETAILS, INSTALLATION & TESTING PROCEDURES.
3. PROVIDE FREE STRESSING LENGTHS AS INDICATED ON EACH SOE SECTION USING SMOOTH PVC SHEATH.
4. THE ANCHOR BOND ZONE SHALL HAVE A MINIMUM NOMINAL DIAMETER OF AT LEAST 6 INCHES.
5. WELDING SHALL NOT BE PERFORMED ON OR IN THE VICINITY OF ANCHOR BARS. ANCHOR BARS SHALL NOT BE USED AS A WELDING GROUND AND SHALL NOT BE EXCESSIVELY HEATED. CUTTING OF ANCHOR BARS SHALL BE PERFORMED WITH A METAL CUT-OFF SAW; TORCHES AND PLASMA CUTTERS SHALL NOT BE USED.
6. MATERIAL:
   6.1. ANCHORS SHALL CONSIST OF SINGLE-CORROSION PROTECTION HOLLOW BARS MANUFACTURED BY STRESSBAR SYSTEMS INTERNATIONAL, LLC (SSSI), OR APPROVED EQUIVALENT.
   6.2. PLATES SHALL CONFORM TO ASTM A-36.
   6.3. NUTS & COUPLERS SHALL BE CAPABLE OF DEVELOPING 100% OF THE ULTIMATE STRENGTH OF ANCHOR BARS.
   6.4. CARE SHALL BE TAKEN NOT TO DAMAGE THE ANCHOR BARS. THE ANCHOR BARS SHALL BE KEPT FREE OF DIRT OR OTHER DELETERIOUS SUBSTANCES.
   6.5. ANCHOR BARS SHALL NOT BE WELDED OR USED AS A GROUND FOR WELDING.
   6.6. GROUT SHALL CONSIST OF A MIXTURE OF PORTLAND CEMENT (TYPE I, II, OR III) AND WATER. SUBMIT MIX DESIGN SUITABLE FOR ACHIEVING AN UNCONFINED COMPRESSIVE STRENGTH AT 28 DAYS (F'C) OF 5,000 PSI.
7. INSTALLATION PROCEDURES:
   7.1. THE CONTRACTOR MUST BE AWARE OF THE PRESENCE OF DEBRIS AND OBSTRUCTIONS IN THE SOIL AND SELECT MEANS AND METHODS APPROPRIATE FOR BYPASSING OBSTRUCTIONS AT NO ADDITIONAL COST TO THE OWNER. GRADE SHALL NOT BE EXCAVATED MORE THAN 2 FEET BELOW THE DESIGN ANCHOR ELEVATION UNTIL THE ROW OF ANCHORS ARE TESTED AND LOCKED OFF.
   7.2. DRILL TIE-BACK ANCHOR HOLLOW BARS USING A SACRIFICIAL DRILL BIT AT THE LOCATIONS INDICATED ON THESE DRAWINGS. DRILLING SHALL BE PERFORMED AS FOLLOWS:
      7.2.1. THE CONTRACTOR SHALL USE APPROPRIATE MEANS AND METHODS TO PREVENT LOSS OF GROUND DURING DRILLING. SIMULTANEOUS DRILLING AND GROUTING SHALL BE USED. CONSTANT GROUT SUPPLY SHALL BE MAINTAINED TO ENSURE THAT THE GROUT CIRCULATES WITHIN THE DRILL HOLE DURING DRILLING. AIR DRILLING SHALL NOT BE ALLOWED.
      7.2.2. REJECTION OF DRILL HOLES: HOLES REJECTED BECAUSE OF NON-CONFORMANCE TO ALIGNMENT TOLERANCES OR BECAUSE THEY INTERCEPT OTHER HOLES SHALL BE FILLED WITH GROUT AND ANOTHER HOLE SHALL BE DRILLED AT THE CONTRACTOR'S EXPENSE.
      7.2.3. GROUT SHALL BE CEMENT GROUT HAVING A MINIMUM 28-DAY COMPRESSIVE STRENGTH OF 5000 PSI.
      7.2.4. THE HOLES SHALL BE GROUTED UNTIL UNCONTAMINATED GROUT RETURNS TO THE SURFACE.
   7.3. ANCHOR BAR PLACEMENT:
      7.3.1. A SMOOTH PLASTIC TUBING, FITTING SNUGLY OVER THE ANCHOR BAR, SHALL BE PROVIDED IN THE FREE STRESSING LENGTH OF THE TIE-BACK ANCHORS AND SHALL GUARANTEE UNOBSTRUCTED ELONGATION DURING STRESSING.
      7.3.2. ANCHOR CENTERLINES SHALL BE NORMAL TO THE BEARING PLATES.
8. TIE-BACK ANCHOR TESTING:
   8.1. TEN PERCENT (10%) OF THE TIE-BACK ANCHORS SHALL BE PERFORMANCE TESTED. ALL OTHER ANCHORS SHALL BE PROOF TESTED USING A CALIBRATED CENTER HOLE JACK. ALL TESTING SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN THE POST-TENSIONING INSTITUTE (PTI) DOCUMENT "RECOMMENDATIONS FOR PRESTRESSED ROCK AND SOIL ANCHORS", PTI-DC35.1-04.
   8.2. JACKING SHALL BE PERFORMED UTILIZING A CALIBRATED CENTER-HOLE JACK.
   8.3. ANCHOR MOVEMENTS SHALL BE RECORDED WITH A DIAL INDICATOR CAPABLE OF READING TO INCREMENTS OF 0.001-INCH.
   8.4. PERFORMANCE AND PROOF TESTING SHALL BE AS FOLLOWS:
      PERFORMANCE TEST:
      AL, .25P
      AL, .25P, .50P
      AL, .25P, .50P, .75P
      AL, .25P, .50P, .75P, 1.00P
      AL, .25P, .50P, .75P, 1.00P, 1.20P
      AL, .25P, .50P, .75P, 1.00P, 1.20P, 1.33P
      HOLD 1.33P FOR CREEP TEST. RECORD MOVEMENTS USING A DIAL INDICATOR CAPABLE OF READING INCREMENTS OF 0.001-INCH. RECORD READINGS AT 0, 1, 2, 3, 4, 5, 6 AND 10 MINUTES. IF THE INCREMENTAL MOVEMENT IS GREATER THAN 0.04-INCH, HOLD FOR AN ADDITIONAL 50 MINUTES AND TAKE READINGS IN 10 MINUTE INTERVALS. RELEASE TO ALIGNMENT LOAD, RE-STRESS TO TRANSFER LOAD, AND LOCK OFF ANCHOR NUT. PERFORM A LIFT-OFF TEST TO CONFIRM THE ACTUAL LOCK-OFF LOAD IS WITHIN 5% OF THE DESIGN LOCK-OFF LOAD.

      PROOF TEST:
      AL, .25P, .50P, .75P, 1.00P, 1.20P, 1.33P.
      HOLD 1.33P FOR CREEP TEST. RECORD MOVEMENTS USING A DIAL INDICATOR CAPABLE OF READING INCREMENTS OF 0.001-INCH. RECORD READINGS AT 0, 1, 2, 3, 4, 5, 6 AND 10 MINUTES. IF THE INCREMENTAL MOVEMENT IS GREATER THAN 0.04-INCH, HOLD FOR AN ADDITIONAL 50 MINUTES AND TAKE READINGS IN 10 MINUTE INTERVALS. RELEASE TO ALIGNMENT LOAD, RE-STRESS TO TRANSFER LOAD, AND LOCK OFF ANCHOR NUT. PERFORM A LIFT-OFF TEST TO CONFIRM THE ACTUAL LOCK-OFF LOAD IS WITHIN 5% OF THE DESIGN LOCK-OFF LOAD.
   8.5. ACCEPTANCE: IF THE INCREMENTAL MOVEMENT BETWEEN 0 AND 10 MINUTES IS LESS THAN 0.04-INCH, OR THAT BETWEEN 6 AND 60 MINUTES IS LESS THAN 0.08-INCH; AND THE APPARENT FREE LENGTH IS GREATER THAN 80% OF THE DESIGN FREE LENGTH AND LESS THAN 100% FREE LENGTH PLUS 50% BOND LENGTH; THE ANCHOR WILL BE ACCEPTED.
   8.6. REJECTED ANCHORS SHALL BE ABANDONED AND REPLACEMENT ANCHORS DRILLED AT CONTRACTOR'S EXPENSE.
   8.7. THE LOCK-OFF LOAD FOR ALL ANCHORS SHALL BE AT 80% OF THE DESIGN LOAD.

DRAINAGE NOTES

1. CONTRACTOR SHALL IMPLEMENT PROPER DRAINAGE MEASURES AS TO PREVENT THE ACCUMULATION OF WATER OR WATER DAMAGE TO ANY FOUNDATIONS ON THE PREMISES OR TO ADJOINING PROPERTY.
2. NO CONDITION SHALL BE CREATED AS A RESULT OF CONSTRUCTION OR DEMOLITION OPERATIONS THAT WILL INTERFERE WITH NATURAL SURFACE DRAINAGE. WATER COURSES, DRAINAGE DITCHES, ETC., SHALL NOT BE OBSTRUCTED BY DEBRIS, REFUSE, WASTE BUILDING MATERIALS, EARTH, STONES, TREE STUMPS, BRANCHES, OR OTHER OBJECTS THAT MAY INTERFERE WITH SURFACE DRAINAGE OR CAUSE THE IMPOUNDMENT OF SURFACE WATERS.
3. ALL EXCAVATIONS SHALL BE DRAINED, AND THE DRAINAGE SHALL BE MAINTAINED AS LONG AS THE EXCAVATION CONTINUES OR REMAINS. WHERE NECESSARY, PUMPING SHALL BE USED, PROVIDED PROPER PERMITS ARE OBTAINED FROM THE NEW YORK CITY DEPARTMENT OF ENVIRONMENTAL PROTECTION AND ALL REVELANT AGENCIES HAVING JURISDICTION.
4. A MAJOR DEWATERING SYSTEM IS NOT NEEDED IN ORDER TO EXCAVATE, INSTALL SOE AND FOUNDATIONS. THE SOE IS NOT DESIGNED AS A GROUNDWATER CUTOFF SYSTEM. LOCAL GROUNDWATER CONTROL MAY BE REQUIRED AT CERTAIN LOCATIONS FOR SURFACE RUNOFF (BY OTHERS), AND SHALL BE PERFORMED IN ACCORDANCE TO THE NEW YORK CITY BUILDING CODE AND ALL LOCAL JURISDICTIONS.

UTILITY NOTES

1. IDENTIFIED UTILITIES ARE SHOWN ON THE PROVIDED SITE SURVEY. AT THIS TIME, NO UTILITIES ARE ANTICIPATED WITHIN THE FOOTPRINT OF THE PROPOSED SUPPORT OF EXCAVATION SYSTEM AND OVERALL EXCAVATION, HOWEVER IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS, ELEVATIONS, AND LOCATIONS OF EXISTING UTILITIES. CONTRACT SHALL PROTECT AND MAINTAIN EXISTING UTILITIES.

NYC DEPARTMENT OF BUILDINGS NOTES

1. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE REQUIREMENTS OUTLINED IN THE 2022 NEW YORK CITY BUILDING CODE.
2. EXCAVATION AND FILL OPERATIONS SHALL BE CONDUCTED IN SUCH A MANNER THAT LIFE AND PROPERTY ARE NOT ENDANGERED AS PER SECTION 3304 OF THE NEW YORK CITY BUILDING CODE.
3. THE CONTRACTOR SHALL NOTIFY THE DEPARTMENT OF BUILDINGS AT LEAST 24 HOURS, BUT NO MORE THAN 48 HOURS PRIOR TO COMMENCING EXCAVATION, OR ON THE LAST BUSINESS DAY BEFORE THE COMMENCEMENT DATE AS PER SECTION 3304.3.1 OF THE NEW YORK CITY BUILDING CODE.
4. THE CONTRACTOR SHALL PROVIDE A WRITTEN NOTICE TO THE ADJACENT PROPERTY OWNER NOT LESS THAN 10 DAYS PRIOR TO THE SCHEDULED STARTING DATE OF EXCAVATION. THE WRITTEN NOTICE SHALL PROVIDE A DESCRIPTION OF THE WORK TO BE PERFORMED, THE TIMEFRAME AND SCHEDULE, AND THE CONTACT INFORMATION OF THE PERSON CAUSING THE EXCAVATION AND OF THE DEPARTMENT AS PER SECTION 3304.3.2 OF THE NEW YORK CITY BUILDING CODE.
5. ALL SIDES OR SLOPES OF EXCAVATIONS OR EMBANKMENTS SHALL BE INSPECTED AFTER RAINSTORMS, OR ANY OTHER HAZARD-INCREASING EVENT, AND SAFE CONDITIONS SHALL BE RESTORED AS PER SECTION 3304.5.1 OF THE NEW YORK CITY BUILDING CODE.
6. WATER CONDITIONS SHALL BE IN ACCORDANCE WITH SECTION 3303.14 OF THE NEW YORK CITY BUILDING CODE, INCLUDING: 3303.14.2 - PROTECTION OF FOUNDATIONS; 3303.14.3 - DRAINAGE OF EXCAVATIONS; AND 3303.14.5 - DEWATERING. WHERE DEWATERING IS REQUIRED, PERMITS SHALL BE OBTAINED FROM THE AGENCIES HAVING JURISDICTION.
7. THE CONTRACTOR IS RESPONSIBLE FOR THE WEATHERPROOFING INTEGRITY OF ADJOINING STRUCTURES IN ACCORDANCE WITH SECTION 3309.9 OF THE NEW YORK CITY BUILDING CODE
8. ALL CONSTRUCTION FENCES SHALL COMPLY WITH THE REQUIREMENTS OUTLINED IN SECTION 3307.7 OF THE NEW YORK CITY BUILDING CODE AND SITE SAFETY PLANS (SSP) BY OTHERS.
9. ALL WORK CONTAINED HEREIN SHALL BE SUBJECT TO SPECIAL INSPECTIONS IN ACCORDANCE WITH CHAPTER 17 AND SECTION 3304.5 OF THE NEW YORK CITY BUILDING CODE. SPECIAL INSPECTORS SHALL MEET THE QUALIFICATIONS OUTLINED IN THE RULES OF THE CITY OF NEW YORK, CHAPTER 101-06. REQUIRED SPECIAL INSPECTIONS INCLUDE:
   9.1. EXCAVATIONS - SHEETING, SHORING, AND BRACING (BC 1705.25.3, 1817, AND 3304.4)
   9.2. GROUTING OPERATIONS (BC 1812.1.1.2)
      9.2.1. GROUT MIX DESIGN
      9.2.2. GROUT CYLINDERS AND TESTING
10. ALL SPECIAL INSPECTIONS ASSOCIATED WITH EXCAVATIONS - SHEETING, SHORING AND BRACING SHALL BE PERFORMED ON A CONTINUOUS BASIS UNLESS OTHERWISE APPROVED BY THE ENGINEER OF RECORD BASED ON THE CONDITIONS OBSERVED DURING CONSTRUCTION.
11. AN ACCREDITED SPECIAL INSPECTION FIRM SHALL BE RETAINED TO PERFORM THE REQUIRED SPECIAL INSPECTIONS.
12. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION ON SCOPE AND DETAILED REQUIREMENTS FOR INSPECTIONS AND TESTING PERTAINING TO THIS WORK.
13. REFER TO THE PROJECT SPECIFICATIONS AND CONTRACT DRAWINGS FOR INSPECTION AND TESTING REQUIREMENTS PERTAINING TO ALL OTHER WORK.

GENERAL EXCAVATION NOTES

1. SLOPED EXCAVATIONS SHALL BE PERMITTED WHERE ADEQUATE CLEARANCES EXIST.
2. EXCAVATIONS SHALL BE SLOPED IN ACCORDANCE WITH THESE DRAWINGS AND ALL APPLICABLE OSHA AND DOB STANDARDS.
3. SOIL SLOPES SHALL NOT EXCEED AN INCLINATION OF 1H:1.5V OR AS SHOWN ON PLANS. THE INCLINATION SHALL BE DECREASED SHOULD INSTABILITY SUCH AS RAVELING BE OBSERVED OR WHERE WATER IS FOUND FLOWING THROUGH THE SLOPE FACE.
4. STOCKPILING OF EXCAVATED MATERIAL SHALL NOT BE PERMITTED WITHIN 10'-0" OF THE TOP OF SLOPES OR SOE WALLS, OR OTHERWISE APPROVED BY THE EOR.
5. EXCAVATION WITHIN 10'-0" OF THE SITE PERIMETER SHALL NOT EXTEND MORE THAN 2'-0" BELOW THE BRACING LEVELS INDICATED ON THESE DRAWINGS UNTIL SUCH BRACING HAS BEEN INSTALLED, TESTED, AND PRELOADED, OR OTHERWISE APPROVED BY THE EOR.
6. EXCAVATION SHOULD BE MAINTAINED REASONABLY DRY FOR THE ENTIRE SOE AND FOUNDATION CONSTRUCTION DURATION. CONTRACTOR MUST USE APPROPRIATE MEANS AND METHODS SO AS NOT TO CAUSE ANY ADVERSE IMPACTS TO NEIGHBORING STRUCTURES AND SURROUNDING UTILITIES.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDRESSING ALL WATER CONDITIONS PURSUANT TO SECTION 3303.14 OF THE NEW YORK CITY BUILDING CODE.
8. ACCORDING TO THE FEDERAL EMERGENCY MANAGEMENT AGENCY (FEMA) PRELIMINARY FLOOD INSURANCE RATE MAP (FIRM) OF 2013, THE PROPOSED BUILDING FOOTPRINT FALLS WITHIN ZONE AE, A COASTAL FLOOD ZONE WITH A BASE FLOOD ELEVATION (BFE) OF 12. ACCORDING TO THE BUILDING CODE APPENDIX G, ZONE AE IS DEEMED AS AN AREA THAT REQUIRES SPECIAL FLOOD HAZARD CONSIDERATIONS.

BACKFILL NOTES

1. BACKFILL SHALL CONSIST OF CERTIFIED, CLEAN GRANULAR SOIL, FREE OF ORGANIC AND OTHER DELETERIOUS MATERIALS, IN ACCORDANCE WITH SECTION 1804.2 OF THE NEW YORK CITY BUILDING CODE, AND MEETING THE FOLLOWING GRADATION REQUIREMENTS:

SIEVE SIZE	PERCENT PASSING BY WEIGHT
3-INCH	100
1/4-INCH	30 TO 75
NO.40	5 TO 40
NO.200	0 TO 10

2. MOLE ROCK SHALL NOT BE PERMITTED.
3. THE CONTRACTOR SHALL SUBMIT GRADATION TEST RESULTS AND MOISTURE DENSITY RELATIONSHIPS FOR ALL PROPOSED FILL MATERIALS.
4. ALL BACKFILL MATERIALS SHALL BE APPROVED BY THE PROJECT ENVIRONMENTAL AND GEOTECHNICAL ENGINEER PRIOR TO DELIVERY OR PLACEMENT.
5. BACKFILL SHALL BE PLACED IN HORIZONTAL LIFTS. THE THICKNESS OF LIFTS PRIOR TO COMPACTION SHALL NOT EXCEED 1'-0".
6. BACKFILL SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D1557 (MODIFIED PROCTOR).
7. COMPACTION SHALL BE VERIFIED BY THE SPECIAL INSPECTOR IN ACCORDANCE WITH ASTM D2922, AS APPLICABLE. TESTING SHALL BE PERFORMED AT INTERVALS OF ONE TEST PER 1,000 SQUARE FEET FOR EACH LIFT PLACED OR MORE FREQUENTLY IF REQUESTED BY THE SPECIAL INSPECTOR OR EOR.
8. FREE DRAINING GRAVEL OR CRUSHED STONE (NYSDOT ITEM 605.0901 UNDERDRAIN FILTER TYPE I OR AAHSTO NO. 57), LEAN CONCRETE, AND CONTROLLED LOW STRENGTH MATERIAL (CLSM) SHALL BE ACCEPTABLE ALTERNATES

MONITORING NOTES

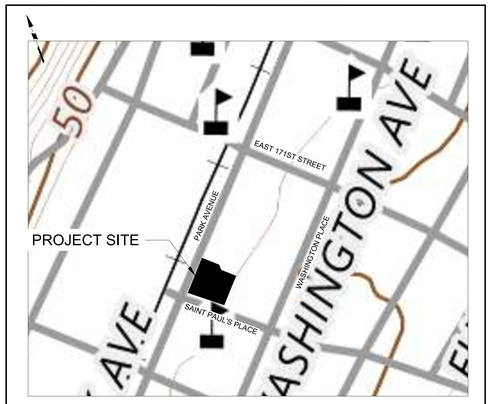
1. REFER TO SOE-110 FOR MONITORING PLAN AND DETAILS.
2. OPTICAL SURVEY MONITORING POINTS ON SUPPORT OF EXCAVATION ELEMENTS MUST BE INSTALLED AT LOCATIONS DETERMINED IN CONSULTATION WITH THE OWNER'S GEOTECHNICAL AND SOE ENGINEERS. OPTICAL MONITORING POINTS MUST BE INSTALLED AND BASELINE READINGS BE TAKEN BEFORE COMMENCING EXCAVATION ACTIVITIES.
3. THE QUANTITY AND LOCATION OF OPTICAL MONITORING POINTS MAY BE REVISED AS REQUIRED BASED ON OBSERVED FIELD CONDITIONS.

ENERGY CODE NOTES

1. THE SCOPE OF WORK SHOWN HEREIN IS SOLELY FOR TEMPORARY CONSTRUCTION PURPOSES AND IS NOT SUBJECT TOT THE REQUIREMENTS OF THE 2020 NEW YORK CITY ENERGY CONSERVATION CONSTRUCTION CODE. REFER TO THE TABLE BELOW FOR TABULAR ANALYSIS.

WORK ITEMS	PROPOSED DESIGN VALUES	CODE-PRESCRIBED VALUE & CITATION
STEEL SOLDIER PILES	N/A	N/A
TIMBER LAGGING	N/A	N/A
TEMPORARY SOIL TIEBACKS	N/A	N/A

TO THE BEST OF MY KNOWLEDGE, BELIEF, AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK.



PLOT PLAN

SCALE: 1" = 200'

SOURCE:
"CENTRAL PARK QUADRANGLE MAP, NEW YORK 7.5-MINUTE SERIES", U.S. GEOLOGICAL SURVEY, 2011

Sol On Park



A SUPPORT OF EXCAVATION PLAN
Scale: 1/8" = 1'-0"

Sol On Park

3728 Park Avenue
Bronx, NY 10456

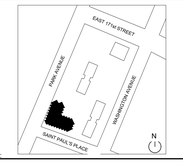
Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB # : X01091719-S2



Key Plan:

NUMBER	DATE	DESCRIPTION
1	04/25/2025	ISSUED FOR PRICING

Revisions:

Architect:

Magnusson Architecture & Planning PC
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New York NY 10018
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MEP Engineer:

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New York NY 10018
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Tel (212) 981 3933

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New York, NY 10016
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New York NY 10007
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Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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SUPPORT OF EXCAVATION PLAN

SEAL & SIGNATURE:

DOB SEAL:

PROJECT No:	C1238.00
DRAWING BY:	LFP/CT
CHK BY:	HF
DWG No:	SOE-101.00
SCALE: 1/8" = 1'-0"	2 OF 5

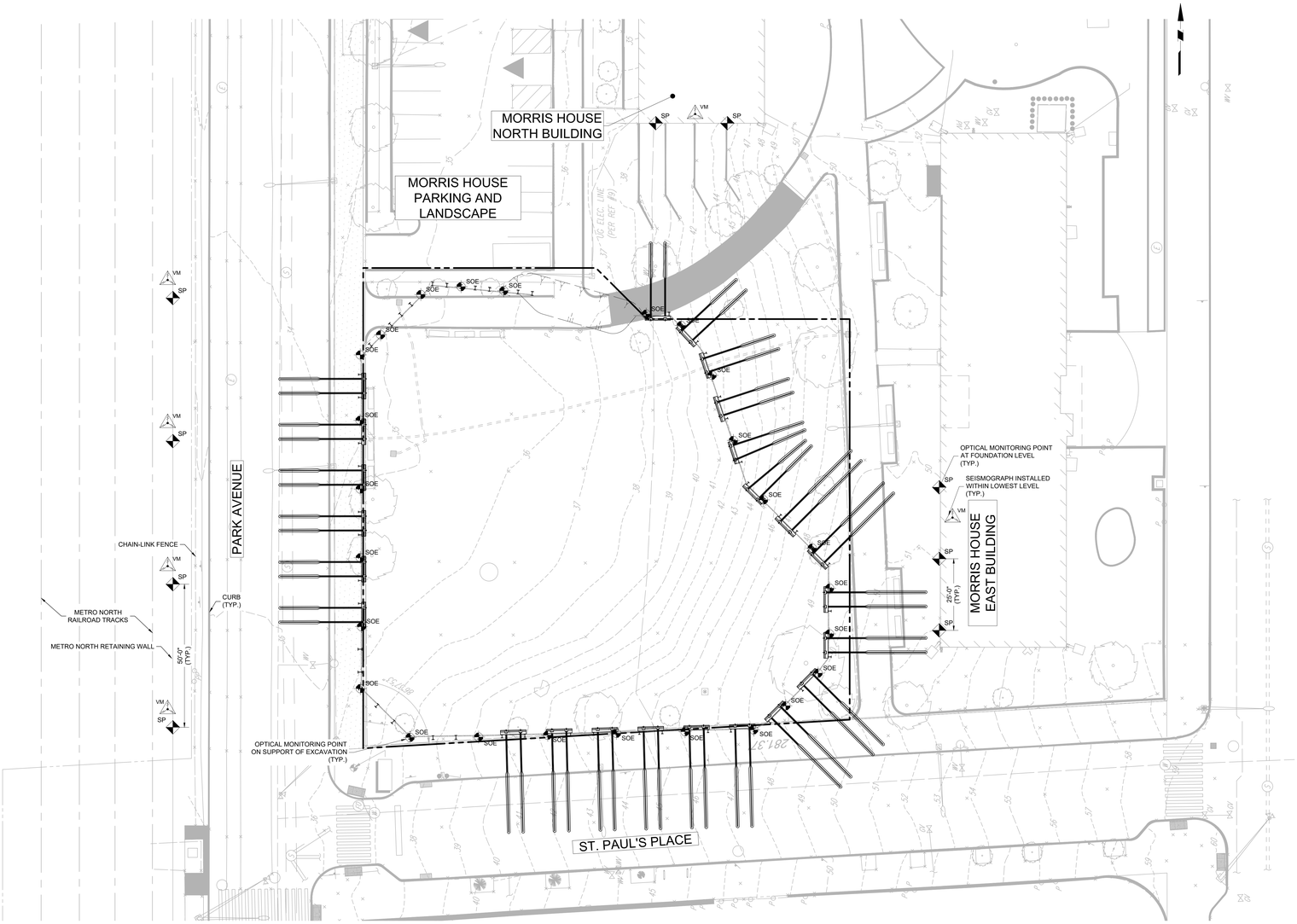
MONITORING NOTES

1. SURVEY MONITORING POINTS LOCATIONS ARE APPROXIMATE AND MAY BE MODIFIED IN THE FIELD BY THE OWNER'S ENGINEER BASED ON SITE CONDITIONS.
2. PRIOR TO START OF WORK, PERFORM PRECONSTRUCTION CONDITIONS DOCUMENTATION OF ADJACENT STRUCTURES: MORRIS HOUSE EAST BUILDING AND MORRIS HOUSE NORTH BUILDING - 1451 WASHINGTON AVENUE, 10456 (BLOCK 2902, LOT 36), AND METRO NORTH RAILROAD RETAINING WALL.
3. INSTALL SURVEY MONITORING POINTS WHERE SHOWN AT MAXIMUM HORIZONTAL INTERVALS OF 25 FT, AND NOT LESS THAN TWO POINTS PER ALIGNMENT.
4. MONITORING INTERVALS MAY BE INCREASED WHERE MOVEMENTS ARE FOUND TO EXCEED THE THRESHOLD LIMIT PRESCRIBED ALERT LEVELS.
5. IN THE EVENT THAT MONITORING INDICATES LATERAL MOVEMENT EXCEEDS THE LIMIT LEVELS DEFINED IN THE PROJECT SPECIFICATIONS AND IN THE TABLE BELOW, THE CONTRACTOR SHALL CEASE CONSTRUCTION ACTIVITIES. WHERE REQUIRED, THE CONTRACTOR SHALL PROVIDE STABILIZATION OF THE EXCAVATION SUPPORT SYSTEM VIA INSTALLATION OF TEMPORARY EARTHEN BERMS AND/OR ADDITIONAL BRACING. ADDITIONAL EXCAVATION ACTIVITIES SHALL NOT PROCEED WITHOUT THE AUTHORIZATION OF THE SOE ENGINEER OF RECORD AND ANY AGENCIES HAVING JURISDICTION.
6. ALL SURVEY MONITORING POINTS SHALL BEAR A UNIQUE IDENTIFICATION. AS-BUILT PLANS SHALL BE PREPARED FOR ALL SURVEY MONITORING POINTS INSTALLED. PLANS SHALL BE AMENDED AS REQUIRED DURING CONSTRUCTION FOR THE ABANDONMENT, REPLACEMENT, OR ADDITION OF NEW SURVEY MONITORING LOCATIONS. ALL MONITORING RESULTS SHALL BE PROVIDED TO THE CONSTRUCTION MANAGER AND ALL PARTIES WITHIN 24 HOURS OF TAKING READINGS.
7. A BASELINE SURVEY SHALL BE PERFORMED PRIOR TO START OF WORK ON ADJACENT STRUCTURES AND ONCE EACH SOLDIER PILE IS INSTALLED AND THE TIMBER LAGGING BEHIND IS INSTALLED UP TO 4 FEET BELOW THE SIDEWALK GRADE. SOLDIER PILE SURVEY MONITORING WILL START AFTER THE LAGGING IS INSTALLED TO THE FULL DEPTH OF EXCAVATION, AND WILL CONCLUDE ONCE THE FOUNDATION WALLS IN FRONT OF THE SOLDIER PILES ARE CONSTRUCTED AND BACKFILLED; AND THE STRUCTURAL ENGINEER HAS DEEMED THE STRUCTURE IS CAPABLE OF SUSTAIN THE EARTH PRESSURES BEHIND THE WALL.
8. ALL SURVEY MONITORING SYSTEMS SHOULD HAVE AN ACCURACY OF AT LEAST 0.005". THRESHOLD AND LIMIT VALUES ARE AS SUCH:

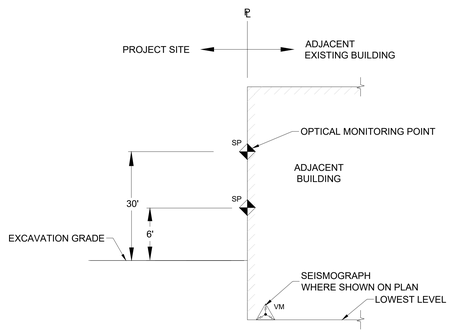
INSTRUMENT RESPONSIBILITY, INSTALLATION AND MONITORING SCHEDULE

SYMBOL	INSTRUMENTS	READING FREQUENCY	ALERT CRITERIA	LIMITING CRITERIA
VM	SEISMOGRAPH (ADJACENT BUILDINGS)	CONTINUOUS 15-MIN. HISTOGRAM SUPPLEMENTED WITH A WAVEFORM FOR EVENTS ABOVE THE THRESHOLD CRITERIA, MONITOR CONTINUOUSLY THROUGHOUT SOE INSTALLATION, GENERAL EXCAVATION AND FOUNDATION CONSTRUCTION.	0.5 IN/SEC	1.0 IN/SEC
	SEISMOGRAPH (METRO NORTH RAILROAD RETAINING WALL)	CONTINUOUS 15-MIN. HISTOGRAM SUPPLEMENTED WITH A WAVEFORM FOR EVENTS ABOVE THE THRESHOLD CRITERIA, MONITOR CONTINUOUSLY THROUGHOUT SOE INSTALLATION.	0.5 IN/SEC	1.0 IN/SEC
SP	OPTICAL MONITORING POINT (BUILDINGS AND STRUCTURES)	MONITORING ALL POINTS (X, Y, Z POSITION) TWICE PER WEEK DURING EXCAVATION. MONITORING ALL POINTS (X, Y, Z POSITION) ONCE PER WEEK AFTER COMPLETING EXCAVATION UNTIL FOUNDATION WALL IS CONSTRUCTED AND BACKFILLED.	0.5 INCH	0.75 INCH
	OPTICAL MONITORING POINT (METRO NORTH RAILROAD RETAINING WALL)		1/8 INCH HORIZONTAL OR VERTICAL	1/4 INCH HORIZONTAL OR VERTICAL
SOE	OPTICAL MONITORING POINT (SOLDIER PILES)		0.5 INCH	1.0 INCH

9. IN THE EVENT THAT MONITORING INDICATES MOVEMENT EXCEEDS THE ABOVE DEFINED ALERT LEVELS (LATERAL OR VERTICAL), SOE EOR WILL EVALUATE THE READINGS AND INFORM THE CONTRACTOR IF THEY NEED TO CEASE EXCAVATION AND PROVIDE STABILIZATION OF THE EXCAVATION SUPPORT SYSTEM VIA INSTALLATION OF TEMPORARY EARTHEN BERMS AND/OR ADDITIONAL BRACING.
10. EXCEEDANCE ACTION PLAN:
    A. IF ANY MONITORING MEASUREMENT EXCEEDS ALLOWABLE LIMITS, THE OWNER, CONSTRUCTION MANAGER, AND CONTRACTOR WILL BE NOTIFIED AND THE FOLLOWING ACTIONS SHALL BE TAKEN.
    a. THE CONTRACTOR WILL IMMEDIATELY STOP WORK IN THE VICINITY OF THE EXCEEDANCE.
    b. INSPECT THE BUILDING (OR PORTIONS THEREOF) FOR POTENTIAL DAMAGE. INSPECTIONS SHALL BE MADE BY SPECIAL INSPECTION ENGINEER FOR STRUCTURAL STABILITY, THE CONTRACTOR, HIS ENGINEER, ARCHITECT, THE CONSTRUCTION MANAGER, OWNER'S ENGINEERS, AND THE ADJACENT BUILDING'S ENGINEERS.
    c. IMMEDIATE NOTIFICATION TO DOB IN CASE OF DAMAGE OR UNSAFE CONDITION.
    d. EXCAVATION AND FOUNDATION CONSTRUCTION PROCEDURES SHALL BE RE-ASSESSED AS NECESSARY TO MAINTAIN VIBRATION LEVELS AND MOVEMENTS WITHIN ACCEPTABLE LIMITS.
    e. WORK STOPPAGE TO ASSESS EXCAVATION METHODS AND TO INSPECT THE BUILDINGS IDENTIFIED HEREIN FOR DAMAGE IS AT THE OWNER'S DISCRETION.
    f. DEVELOP ALTERNATE METHODS AND PROCEDURES, SUBJECT TO THE REVIEW AND APPROVAL OF THE OWNER'S ENGINEERS AND THE ADJACENT BUILDING'S ENGINEERS.
    g. RESUME WORK USING THE AGREED UPON ALTERNATIVE METHOD.
    h. DOB WILL BE NOTIFIED OF EVENTS THAT EXCEED ALLOWABLE LIMITS AND OF CORRECTIVE MEASURES IMPLEMENTED TO MAINTAIN ACCEPTABLE LIMITS.
    i. MONITORING SHALL REMAIN IN PLACE AND WILL BE INSPECTED DURING ALL PHASES OF CONSTRUCTION.



A MONITORING PLAN
Scale: 1/16" = 1'-0"



1 BUILDING OPTICAL MONITORING
Scale: N.T.S.

Sol On Park

3728 Park Avenue
Bronx, NY 10456

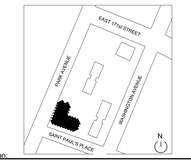
Owner:

Sol on Park, LLC.
1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB # : X01091719-S2



Key Plan:

NUMBER	DATE	DESCRIPTION
1	04/25/2025	ISSUED FOR PRICING

Revisions:

Architect:

Magnusson Architecture & Planning PC
42 West 39th Street, 15th Floor
New York NY 10018
Tel (212) 253 7820 Fax (212) 253 1276

Structural Engineer:

GACE Consulting Engineers
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Do Not Scale Plans
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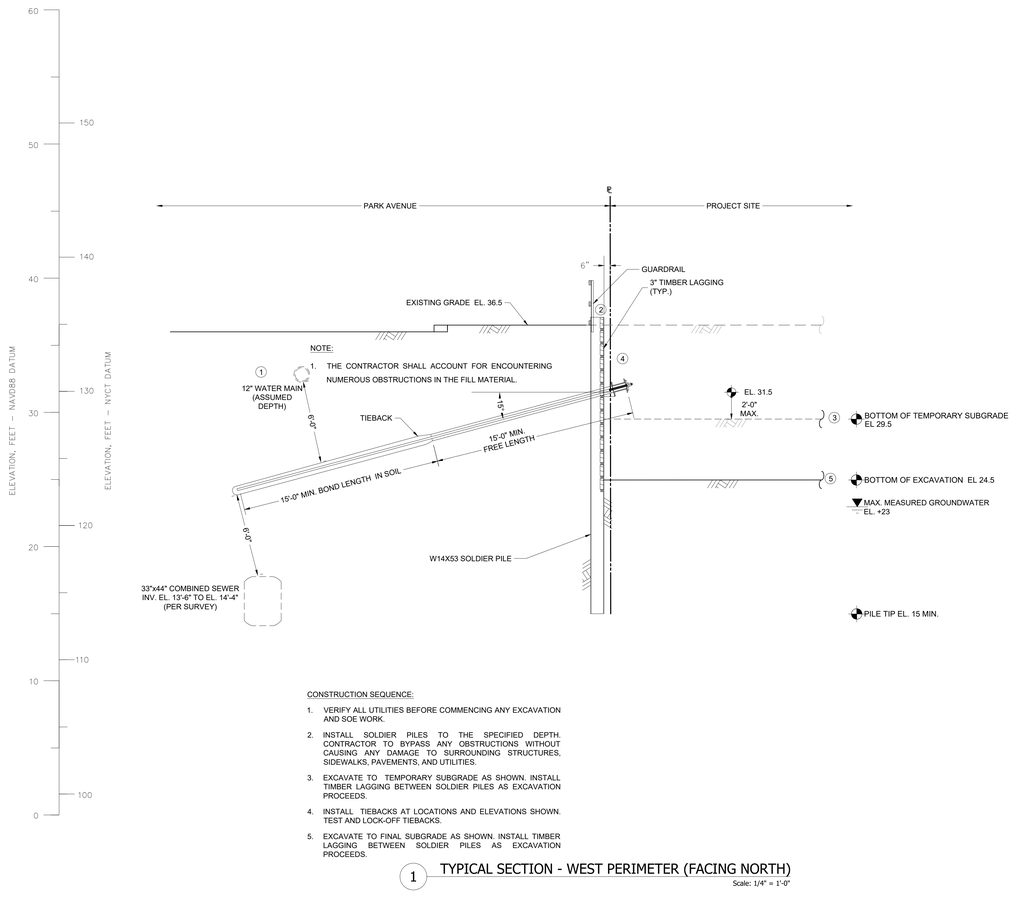
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SUPPORT OF EXCAVATION MONITORING PLAN

DOB SEAL:

SEAL & SIGNATURE:

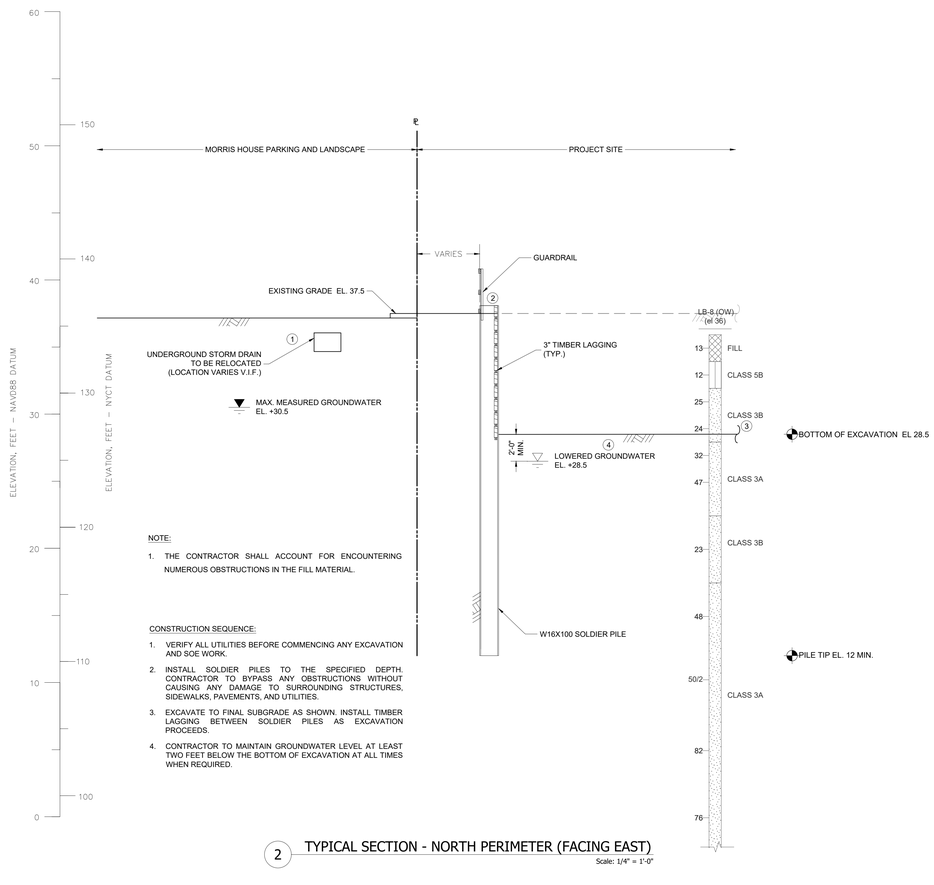
PROJECT No:	C1238.00
DRAWING BY:	LFP/CT
CHK BY:	HF
DWG No:	SOE-110
SCALE: 1/16" = 1'-0"	3 OF 5



CONSTRUCTION SEQUENCE:

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2. INSTALL SOLDIER PILES TO THE SPECIFIED DEPTH. CONTRACTOR TO BYPASS ANY OBSTRUCTIONS WITHOUT CAUSING ANY DAMAGE TO SURROUNDING STRUCTURES, SIDEWALKS, PAVEMENTS, AND UTILITIES.
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4. INSTALL TIEBACKS AT LOCATIONS AND ELEVATIONS SHOWN. TEST AND LOCK-OFF TIEBACKS.
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1 TYPICAL SECTION - WEST PERIMETER (FACING NORTH)
Scale: 1/4" = 1'-0"



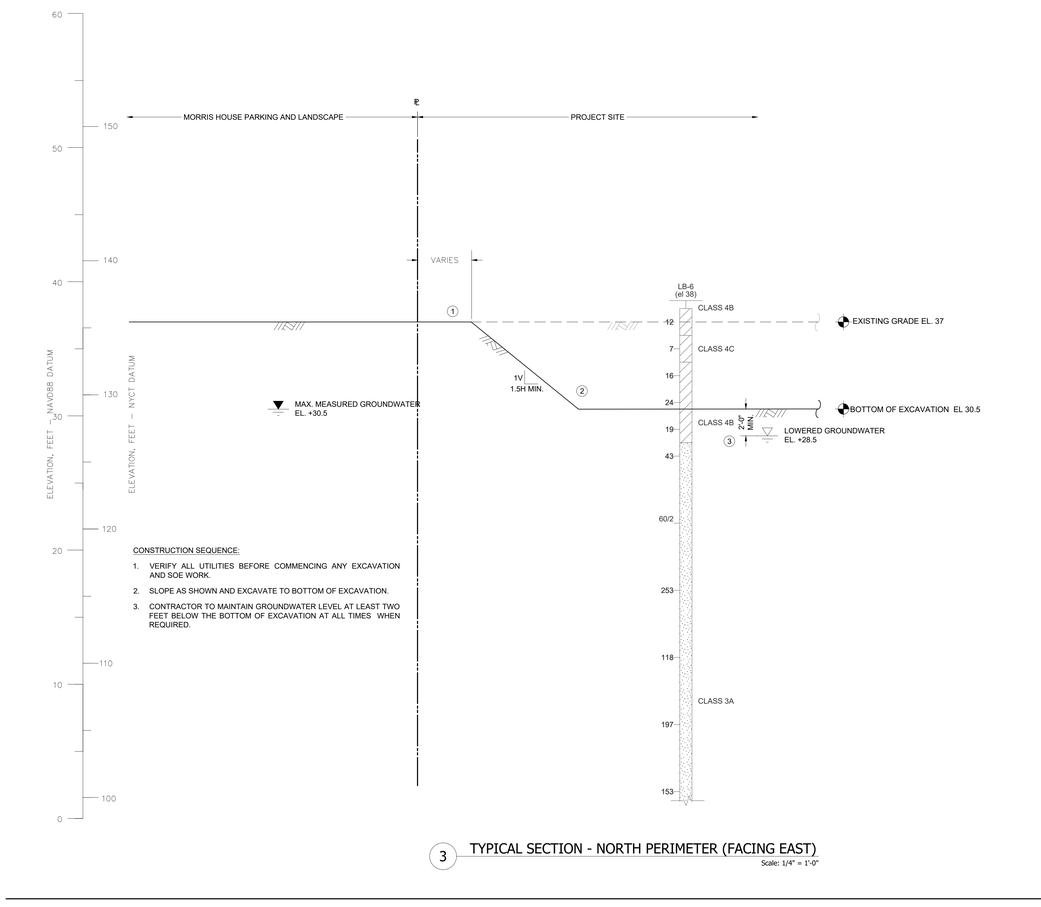
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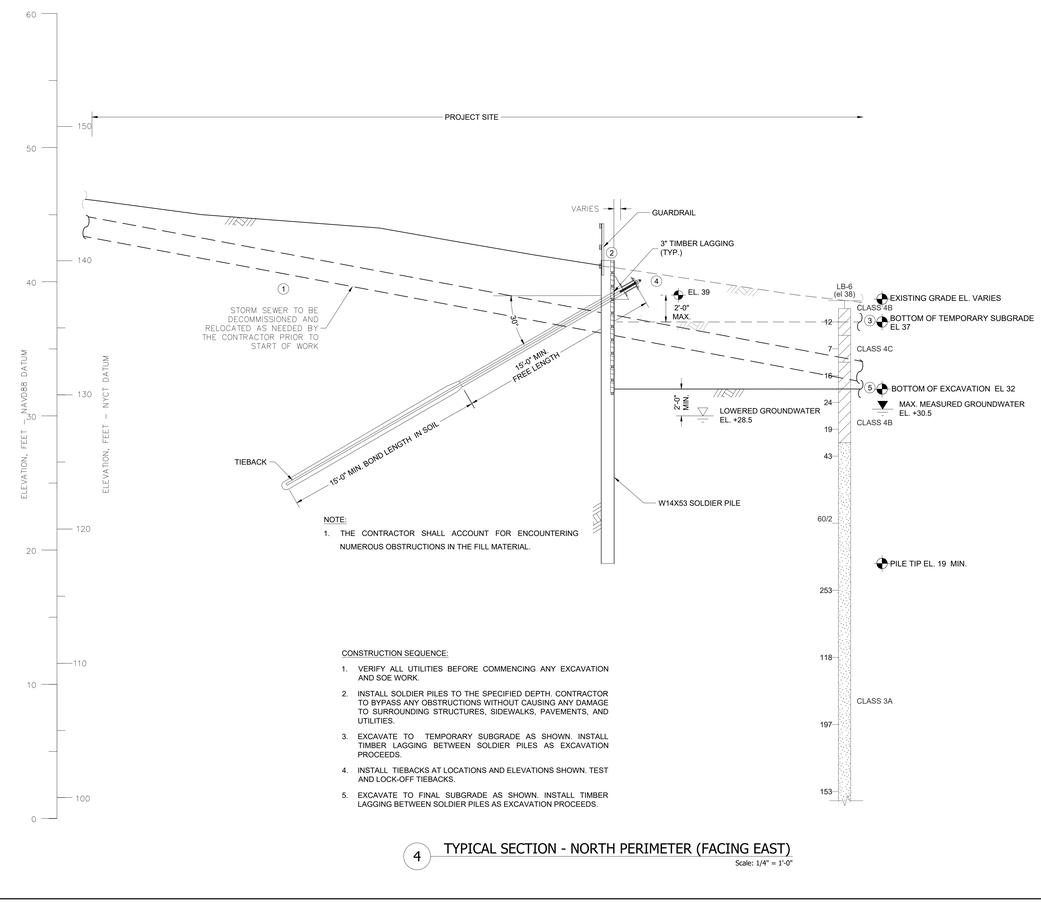
2 TYPICAL SECTION - NORTH PERIMETER (FACING EAST)
Scale: 1/4" = 1'-0"



CONSTRUCTION SEQUENCE:

1. VERIFY ALL UTILITIES BEFORE COMMENCING ANY EXCAVATION AND SOE WORK.
2. SLOPE AS SHOWN AND EXCAVATE TO BOTTOM OF EXCAVATION.
3. CONTRACTOR TO MAINTAIN GROUNDWATER LEVEL AT LEAST TWO FEET BELOW THE BOTTOM OF EXCAVATION AT ALL TIMES WHEN REQUIRED.

3 TYPICAL SECTION - NORTH PERIMETER (FACING EAST)
Scale: 1/4" = 1'-0"



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Sol On Park

3728 Park Avenue
Bronx, NY 10456

Owner:

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1228 Euclid Avenue, 4th floor
Cleveland, OH 44115

NOT FOR CONSTRUCTION

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SUPPORT OF EXCAVATION SECTIONS

DOB SEAL:

SEAL & SIGNATURE:

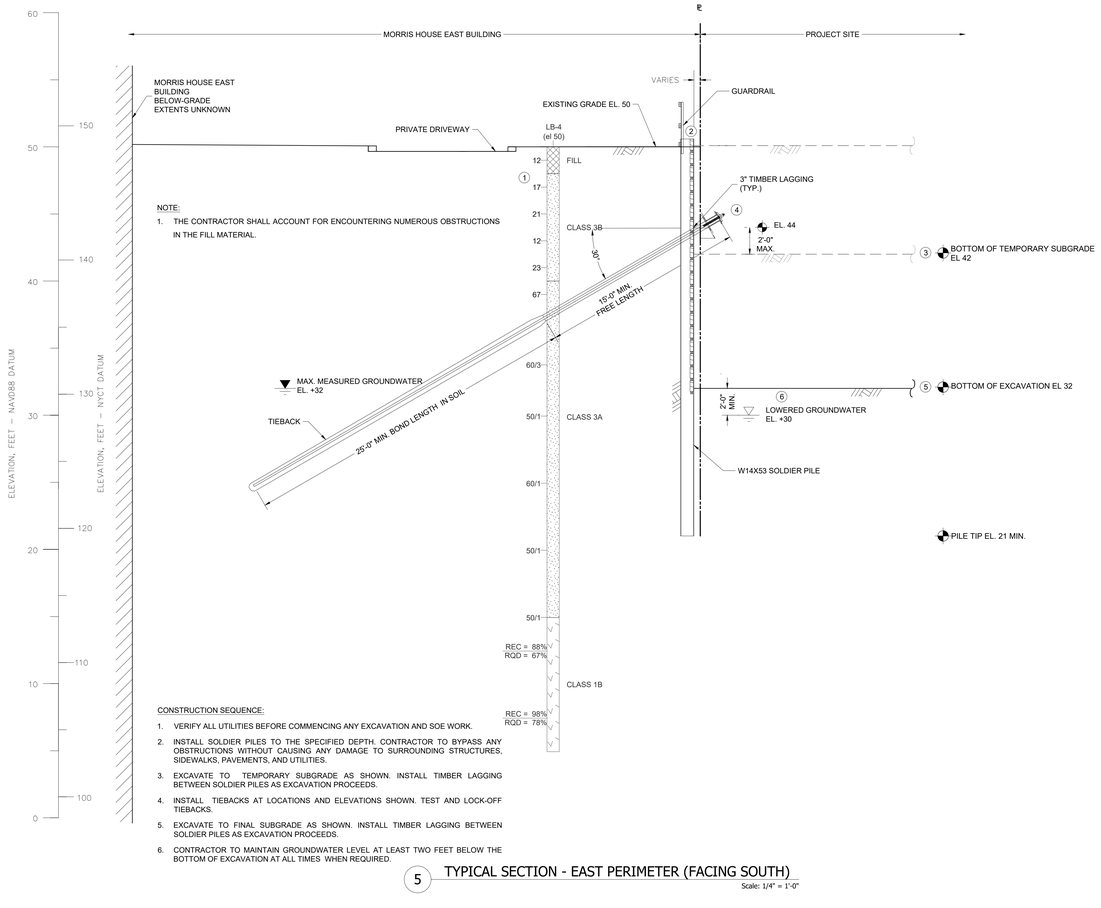
PROJECT No:	C1238.00
DRAWING BY:	LFP/CT
CHK BY:	HF

DWG No:

SOE-301.00

SCALE: 1/4" = 1'-0"

4 OF 5



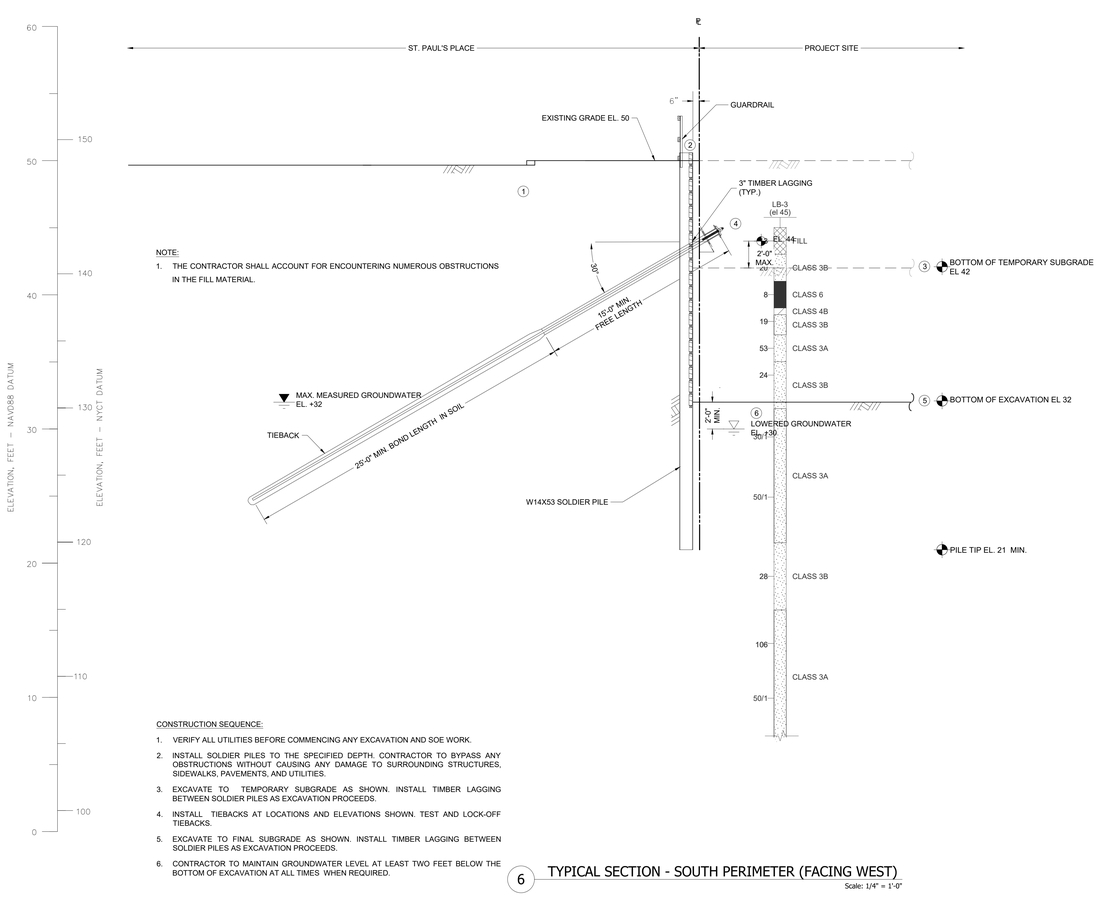
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5 TYPICAL SECTION - EAST PERIMETER (FACING SOUTH)
Scale: 1/4" = 1'-0"



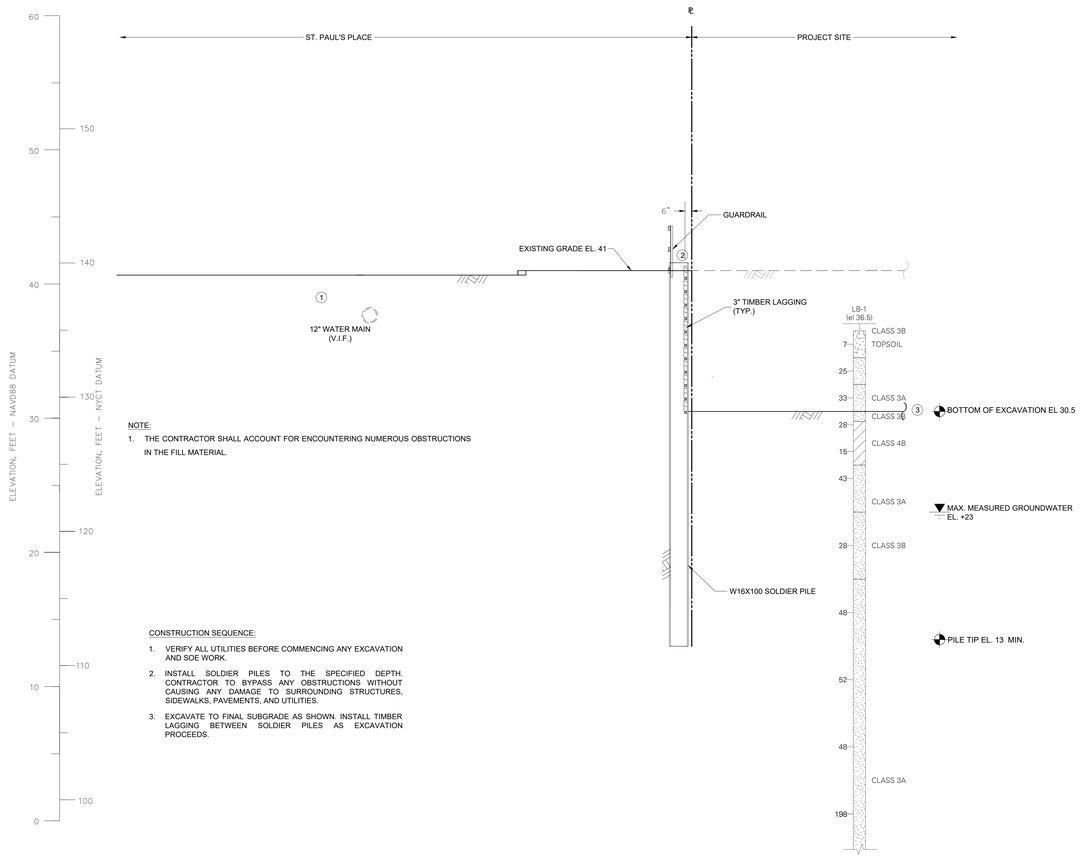
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6 TYPICAL SECTION - SOUTH PERIMETER (FACING WEST)
Scale: 1/4" = 1'-0"



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7 TYPICAL SECTION - SOUTH PERIMETER (FACING WEST)
Scale: 1/4" = 1'-0"

Sol On Park

3728 Park Avenue
Bronx, NY 10456

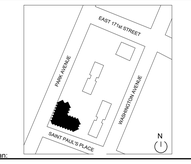
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NOT FOR CONSTRUCTION

BLOCK: 2902 LOT: 36

NYC DOB # : X01091719-S2



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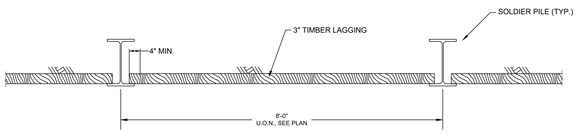
SEAL & SIGNATURE:

PROJECT No:	C1238.00
DRAWING BY:	LFP/CT
CHK BY:	HF

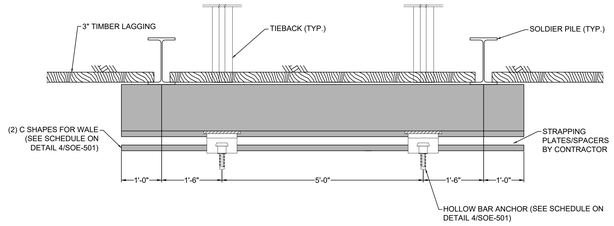
DWG No:

SOE-302.00

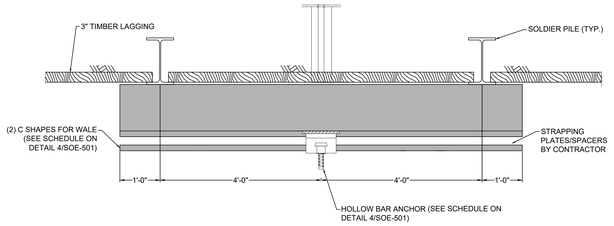
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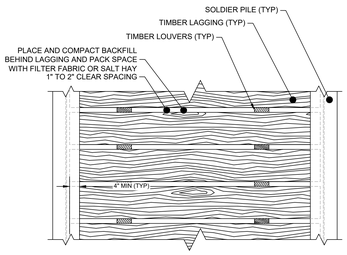
1A SOE-501 TYPICAL SOLDIER PILE DETAILS - PLAN
SCALE: NTS



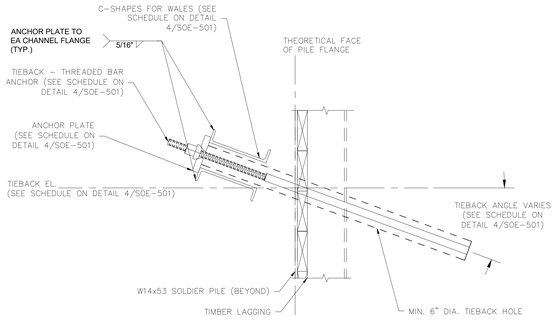
1A SOE-501 TYPICAL TIEBACK DETAIL - PLAN
SCALE: NTS

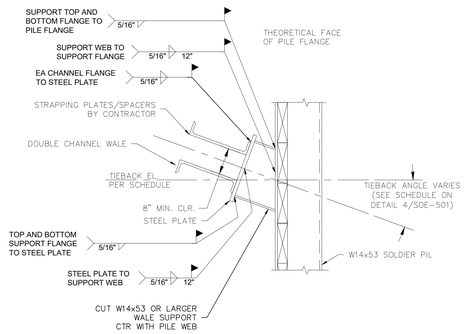


1C SOE-501 TYPICAL TIEBACK DETAIL - PLAN
SCALE: NTS

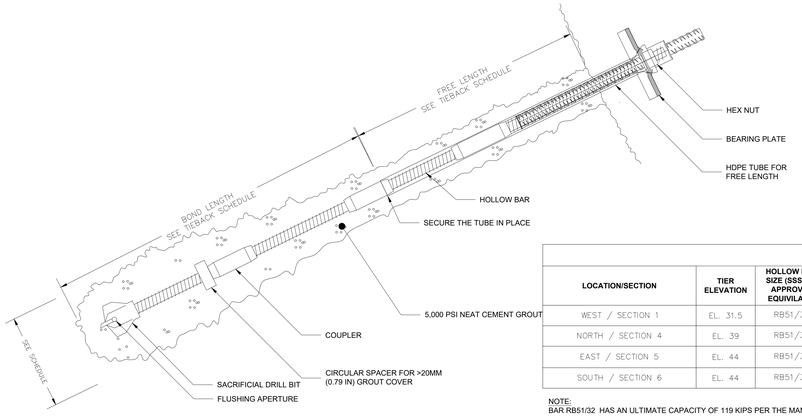


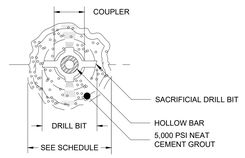
2 SOE-501 TYPICAL LAGGING INSTALLATION BETWEEN SOLDIER PILES
SCALE: NTS





3 SOE-501 SECTIONS - TIEBACK SUPPORT ON W-SHAPE SOLDIER PILES
SCALE: 3/4" = 1'-0"

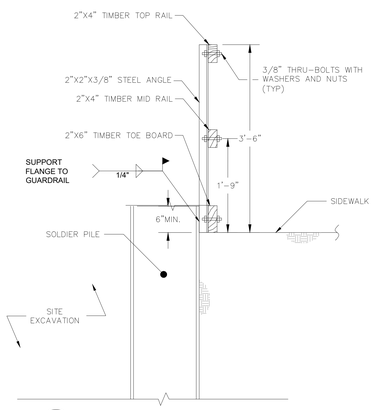




TIEBACK SCHEDULE											
LOCATION/SECTION	TIER ELEVATION	HOLLOW BAR SIZE (SSSI OR APPROVED EQUIVILANT)	WALER	BEARING PLATE	ANGLE DEGREES	FREE LENGTH FEET	SOIL BOND LENGTH FEET	MIN. DRILL HOLE DIAMETER INCHES	DESIGN LOAD KIPS	TEST LOAD KIPS	LOCK-OFF LOAD KIPS
WEST / SECTION 1	EL. 31.5	RB51/32	(2)C12X30	9"x9"x1.75"	15	15	15	6	45	60	35
NORTH / SECTION 4	EL. 39	RB51/32	(2)C12X30	9"x9"x1.75"	30	15	15	6	30	45	25
EAST / SECTION 5	EL. 44	RB51/32	(2)C12X30	10"x10"x2"	30	15	25	6	70	95	55
SOUTH / SECTION 6	EL. 44	RB51/32	(2)C12X30	10"x10"x2"	30	15	25	6	70	95	55

NOTE:
BAR RB51/32 HAS AN ULTIMATE CAPACITY OF 119 KIPS PER THE MANUFACTURE SSSI

4 SOE-501 HOLLOW BAR TIEBACK DETAIL
SCALE: N.T.S.



5 SOE-501 TYPICAL GUARD RAIL DETAIL
SCALE: 1" = 1'-0"

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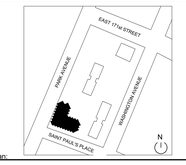
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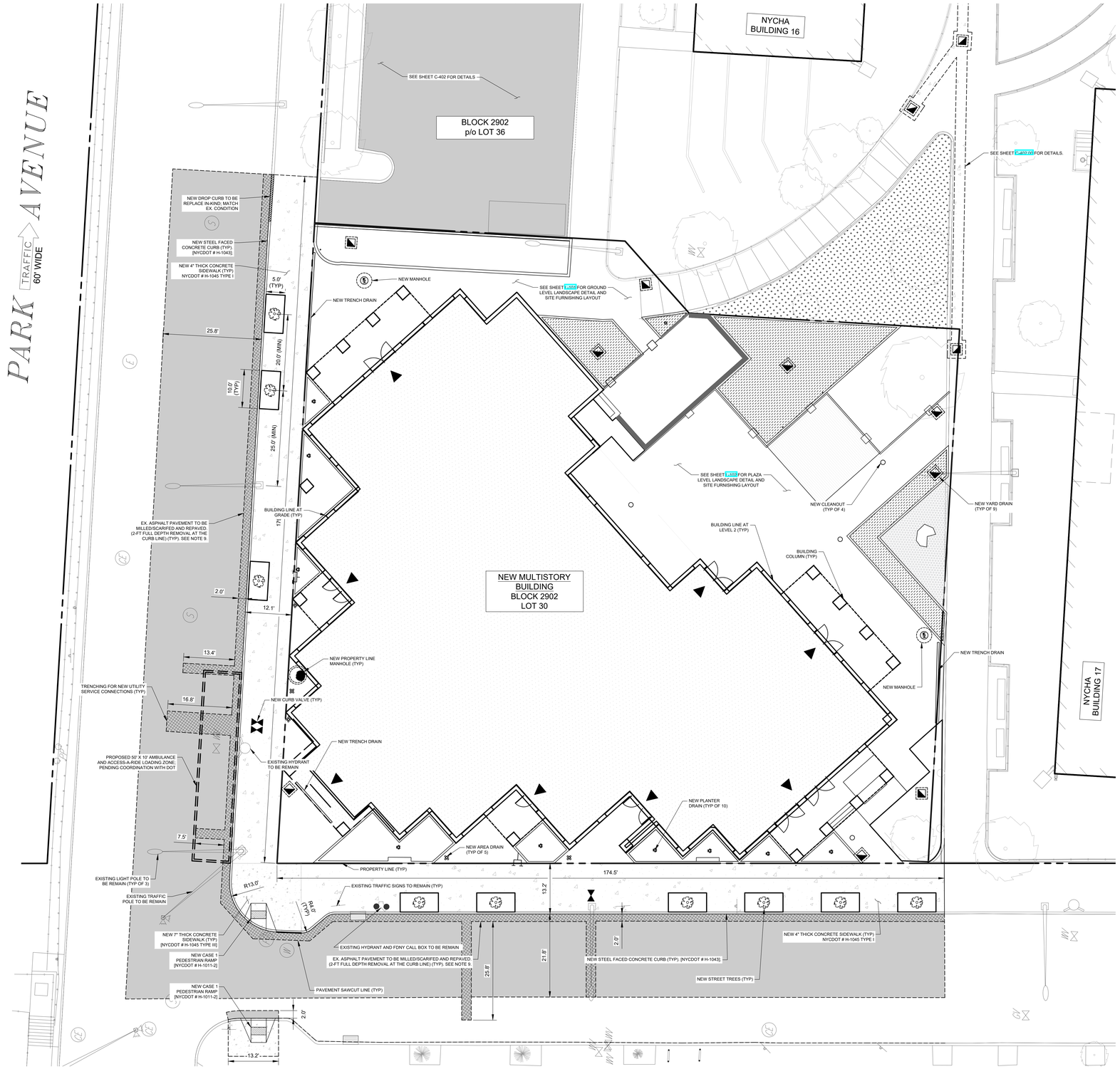
SEAL & SIGNATURE:

PROJECT No:	C1238.00
DRAWING BY:	LFP/CT
CHK BY:	HF

DWG No:

SOE-501

SCALE: NTS



GENERAL NOTES

01 SCOPE SUBJECT TO CHANGE PENDING NYC AGENCY APPROVALS.

02 ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM 1988 (NAVD 88) AS ESTABLISHED BY THE NATIONAL GEODETIC SURVEY (NGS). REFER TO SURVEY PREPARED BY CONTROL POINT ASSOCIATES, INC. PC. DATED JANUARY 24, 2023

03 CONTRACTOR TO VERIFY ALL FIELD CONDITIONS WITH THE ENGINEER.

04 FOR ALL CONSTRUCTION OUTSIDE OF THE PROPERTY LINE, THE CONTRACTOR SHALL REFER TO THE APPROVED PERMIT PLAN.

05 CONTRACTOR TO COORDINATE ALL BPP STRUCTURES WITH PROPOSED UTILITIES

06 THE CONTRACTOR SHALL ENSURE THAT ANY DOOR ENCROACHMENTS ONTO THE SIDEWALK SHALL NOT EXCEED 18-INCHES, AS PER THE NYC DOB BC.

07 ALL VAULT GRATING SHALL BE ADA COMPLIANT.

08 ALL PAVEMENT STRIPING WITHIN THE CITY RIGHT-OF-WAY DISTURBED DUE TO CONSTRUCTION ACTIVITY TO BE REPLACED IN-KIND UNLESS NOTED OTHERWISE.

09 RIGHT-OF-WAY PAVEMENT RESTORATION AREA MAY WIDEN TO CURB-TO-CURB, PENDING OFFICIAL DOT "PROTECTED" STREET STATUS NOTIFICATION FOR PARK AVENUE AND SAINT PAUL'S PLACE.

STREET TREE TABLE:

(NEW BUILDING FRONTAGE ONLY)

TOTAL NUMBER OF TREES REQUIRED BY NYC DOB	14
EXISTING TREES TO PROTECT	0
EXISTING TREES TO REMOVE/RELOCATE	0
PROPOSED TREES TO PLANT ON-SITE	9
TREES TO PLANT OFF-SITE	0
TREES TO PAY INTO TREE FUND AS ON-SITE PLANTINGS	0
TREES TO PAY INTO TREE FUND AS OFF-SITE PLANTINGS	5

LEGEND

- PROPERTY LINE
- NEW BUILDING
- NEW SIDEWALK CONCRETE PAVEMENT
- NEW ASPHALT PAVEMENT
- NEW FULL DEPTH ASPHALT PAVEMENT
- BUILDING DOOR / ACCESS
- NEW YARD DRAIN
- NEW PLANER DRAIN
- NEW FLOOR DRAIN
- NEW MANHOLE
- NEW STREET TREE IN NEW 5'X10' TREE PIT

0 5 10 20
SCALE: 1" = 10'

Sol On Park

1451 Washington Ave
Bronx, NY

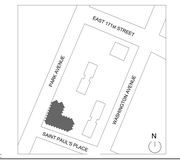
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Tel (212) 981 3933

Civil Engineer:

AKRF, Inc.
440 Park Avenue South, 7th Floor
New York, NY 10016
Tel (212) 696 0670

Filing Representative:

JM Zoning LLC
225 Broadway #1300
New York NY 10007
Tel (212) 964 4464

Do Not Scale Plans
Contractor to promptly notify Architect of any material variations between field conditions and existing conditions as indicated in Contract documents

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SITE PLAN 1

DOB SEAL:

SEAL & SIGNATURE:

PROJECT No: 22008
DRAWING BY: AA/JL
CHK BY: AA
DWG No:

C-401.00

SCALE: 1"=10'

7 OF

APPENDIX B

Previous Environmental Investigation Reports

APPENDIX C

Daily and CAMP Reports

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/20/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-78°F, Partly Cloudy, RH: 73% Pres: 29.94" Wind: NE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:00 – 14:15

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed monitoring well installation for RIMW-3 and RIMW-8.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 07:05 – 13:45. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil		TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS		USEPA Method 1633; Total Solids

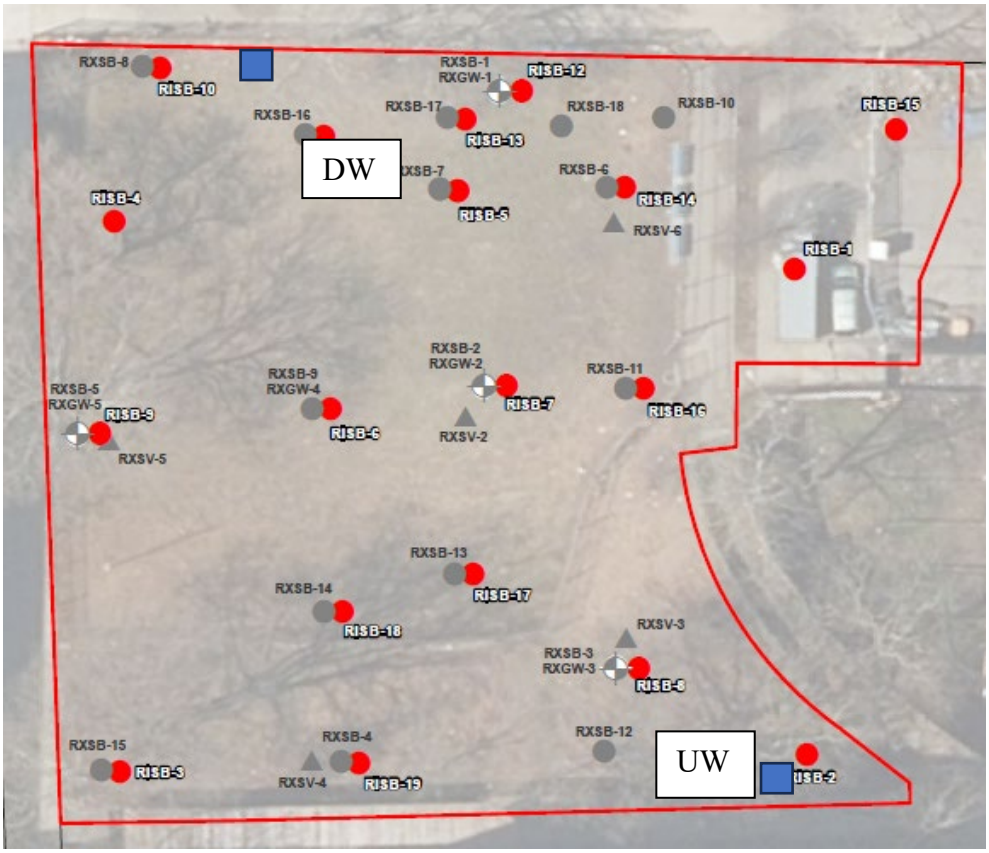
Upcoming work activities anticipated:

- Monitoring well installation utilizing auger and development of wells.
- Soil Vapor point installation utilizing the Geoprobe drill rig.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/20/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-78°F, Partly Cloudy, RH: 73% Pres: 29.94" Wind: NE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:00 – 14:15



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/20/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-78°F, Partly Cloudy, RH: 73% Pres: 29.94" Wind: NE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:00 – 14:15

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, view of downwind CAMP station setup.



Photo 2: Looking north, view of RIMW-8.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/20/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-78°F, Partly Cloudy, RH: 73% Pres: 29.94" Wind: NE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:00 – 14:15



Photo 3: Looking east, Trinity drilling RIMW-3.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/23/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-71°F, Cloudy, RH: 70% Pres: 30.07" Wind: ENE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:20 – 16:30

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed monitoring soil vapor monitoring point installation for RISV-2, RISV-3, RISV-4, RISV-5, and RISV-6.
- Trinity performed well development of on-Site monitoring wells.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:30 – 12:10. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil		TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS		USEPA Method 1633; Total Solids

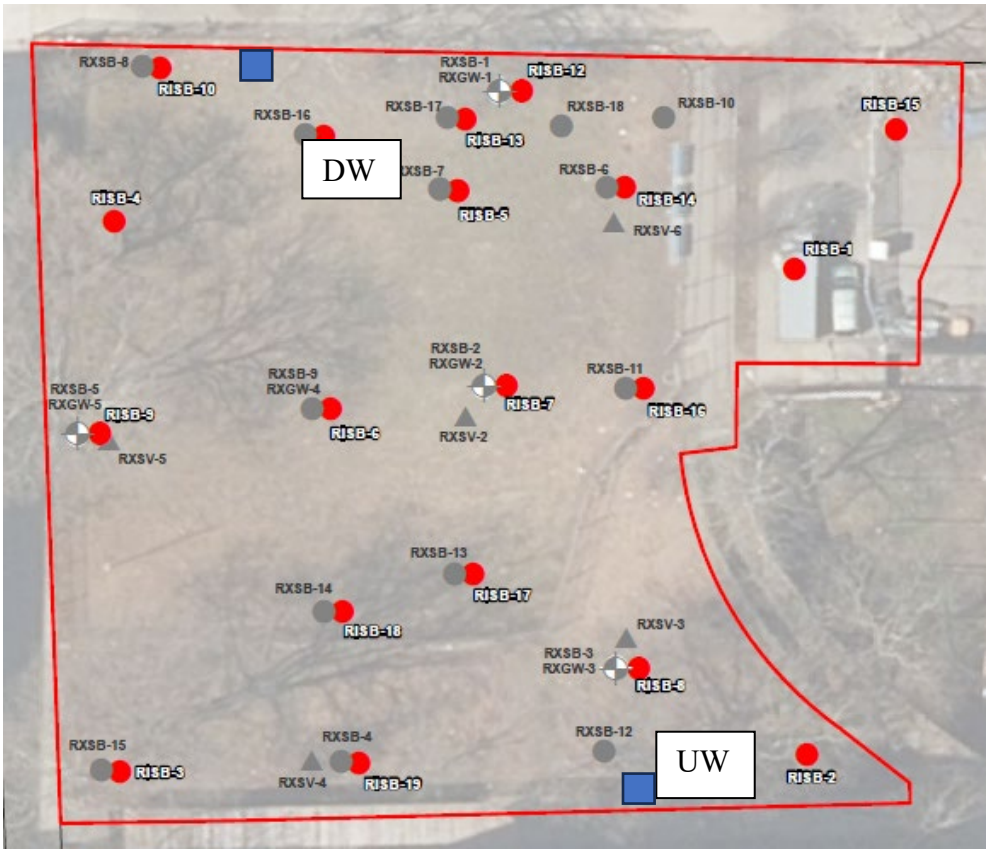
Upcoming work activities anticipated:

- Monitoring well installation utilizing auger and development of wells.
- Soil Vapor point installation utilizing the Geoprobe drill rig.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/23/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-71°F, Cloudy, RH: 70% Pres: 30.07" Wind: ENE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:20 – 16:30



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/23/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-71°F, Cloudy, RH: 70% Pres: 30.07" Wind: ENE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:20 – 16:30

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking east, view of upwind CAMP station setup.



Photo 2: Looking north, view of Trinity installing RISV-4.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/23/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-71°F, Cloudy, RH: 70% Pres: 30.07" Wind: ENE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:20 – 16:30



Photo 3: Looking southeast, Trinity drilling RISV-5.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	10/01/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-70°F, Cloudy, RH: 77% Pres: 30.04" Wind: ENE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	06:55 – 17:30

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Roux completed groundwater sampling at RIMW-1, RIMW-4, RIMW-5, RIMW-6, RIMW-7, and RIMW-8.
- Roux completed soil vapor sampling at RISV1-, RISV-2, RISV-3, RISV-4, RISV-7, RISV-8, and RISV-9.

CAMP data evaluation: No intrusive work occurred therefore no CAMP was performed

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Water	RIMW-1 RIMW-4 RIMW-5 RIMW-6 RIMW-7 RIMW-8	NYTCL 8260 + 10 Tentatively identified compounds (TICs); NYTCL 8270 SIM/RVT + 20 TICs; TAL 6020T/6020S NYTCL 8082 LM NYCTCL 8081/Herbicides HEXCR; Total Cyanide; 1,4 Dioxane
Water	RIMW-1_P RIMW-6_P	USEPA Method 1633;
Soil Vapor	RISV-1 RISV-2 RISV-3 RISV-4 RISV-7 RISV-8 RISV-9	TO-15

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	10/01/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-70°F, Cloudy, RH: 77% Pres: 30.04" Wind: ENE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	06:55 – 17:30

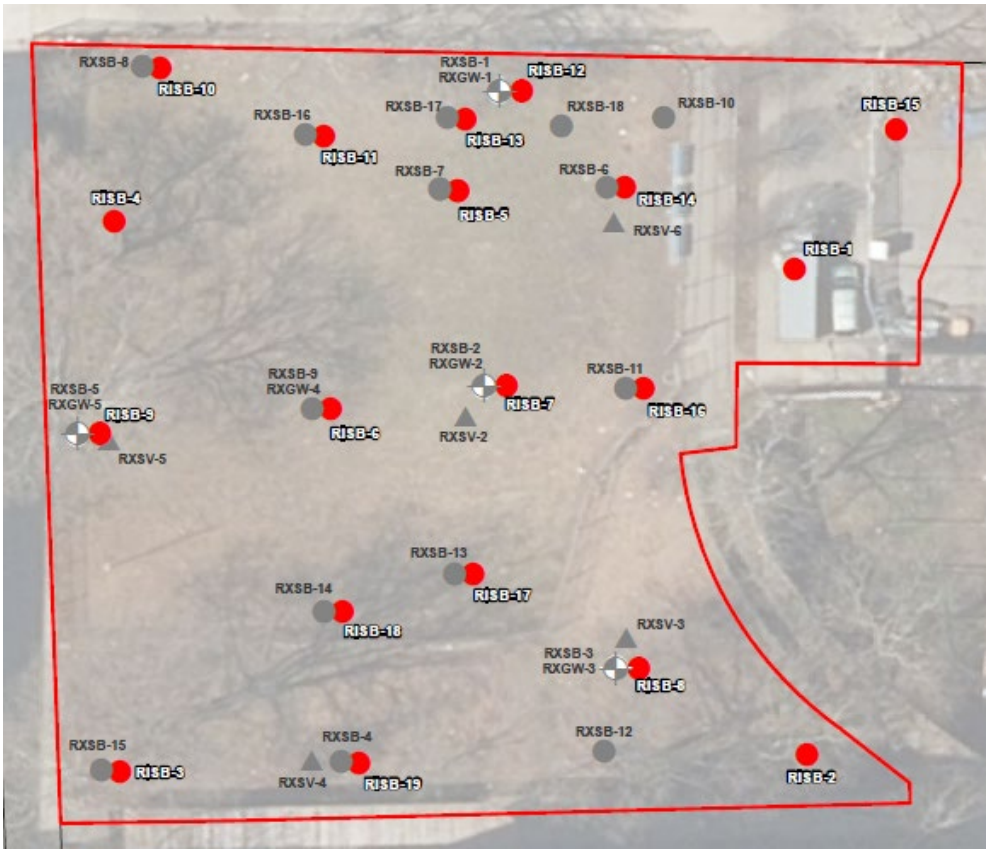
Upcoming work activities anticipated:

- None

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	10/01/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-70°F, Cloudy, RH: 77% Pres: 30.04" Wind: ENE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	06:55 – 17:30



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	10/01/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-70°F, Cloudy, RH: 77% Pres: 30.04" Wind: ENE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	06:55 – 17:30

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking west, view of Roux performing leak detection testing prior to soil vapor sampling at RISV-7.



Photo 2: Looking down, view of Roux performing low flow groundwater sampling at RIMW-6.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	10/01/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 58-70°F, Cloudy, RH: 77% Pres: 30.04" Wind: ENE @ 9 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	06:55 – 17:30



Photo 3: Looking northeast, Roux performing soil vapor sampling at RISV-2.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/04/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-78°F, Sunny, RH: 60% Pres: 30.41" Wind: E @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:45

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger	Mauricio Hollis – Roux D.P.C. Ron Lombino – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls).
- Trinity completed utility pre-clearing at Remedial Investigation (RI) locations RISB-4, RISB-11, RISB-12, RISB-13, and RISB-14.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 09:15 – 15:00. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-4_0-2 RISB-11_0-2 RISB-12_0-2 RISB-12_2-4 RISB-13_0-2 RISB-14_0-2	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS	RISB-4_0-2_P RISB-14_0-2_P	USEPA Method 1633; Total Solids

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/04/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-78°F, Sunny, RH: 60% Pres: 30.41" Wind: E @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:45

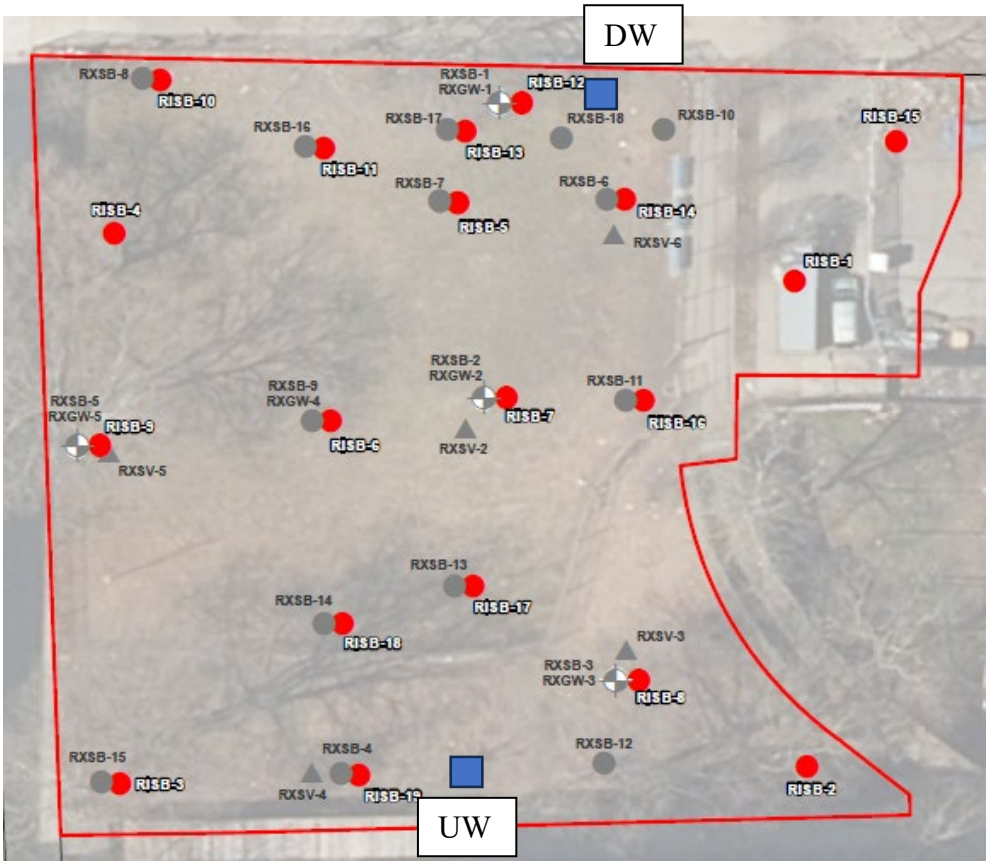
Upcoming work activities anticipated:

- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/04/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-78°F, Sunny, RH: 60% Pres: 30.41" Wind: E @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:45



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/04/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-78°F, Sunny, RH: 60% Pres: 30.41" Wind: E @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:45

PHOTOGRAPHS TAKEN TODAY: 366 Rockaway Avenue



Photo 1: Looking south, location of downwind CAMP station.



Photo 2: Looking north, Trinity preclearing RISB-12 to 5 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/04/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-78°F, Sunny, RH: 60% Pres: 30.41" Wind: E @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:45



Photo 3: Looking down, view of soil cuttings from RISB-4.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/4/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
9:26 AM	0.016	9:26 AM	0.017	0.001	
9:41 AM	0.016	9:41 AM	0.010	-0.006	
9:56 AM	0.017	9:56 AM	0.010	-0.007	
10:11 AM	0.016	10:11 AM	0.009	-0.007	
10:26 AM	0.018	10:26 AM	0.009	-0.009	
10:41 AM	0.017	10:41 AM	0.011	-0.006	
10:56 AM	0.018	10:56 AM	0.006	-0.012	
11:11 AM	0.017	11:11 AM	0.005	-0.012	
11:26 AM	0.018	11:26 AM	0.006	-0.012	
11:41 AM	0.017	11:41 AM	0.005	-0.012	
11:56 AM	0.018	11:56 AM	0.004	-0.014	
12:11 PM	0.018	12:11 PM	0.005	-0.013	
12:26 PM	0.019	12:26 PM	0.005	-0.014	
12:41 PM	0.019	12:41 PM	0.005	-0.014	
12:56 PM	0.021	12:56 PM	0.005	-0.016	
1:11 PM	0.021	1:11 PM	0.006	-0.015	
1:26 PM	0.022	1:26 PM	0.006	-0.016	
1:41 PM	0.023	1:41 PM	0.006	-0.017	
1:56 PM	0.022	1:56 PM	0.006	-0.016	
2:11 PM	0.022	2:11 PM	0.007	-0.015	
2:26 PM	0.022	2:26 PM	0.007	-0.015	
2:41 PM	0.022	2:41 PM	0.008	-0.014	
2:56 PM	0.022	2:56 PM	0.007	-0.015	
3:11 PM	0.023	3:11 PM	0.007	-0.016	
3:26 PM	NR	3:26 PM	0.009	NR	UW DT Shut down prior to DW DT

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

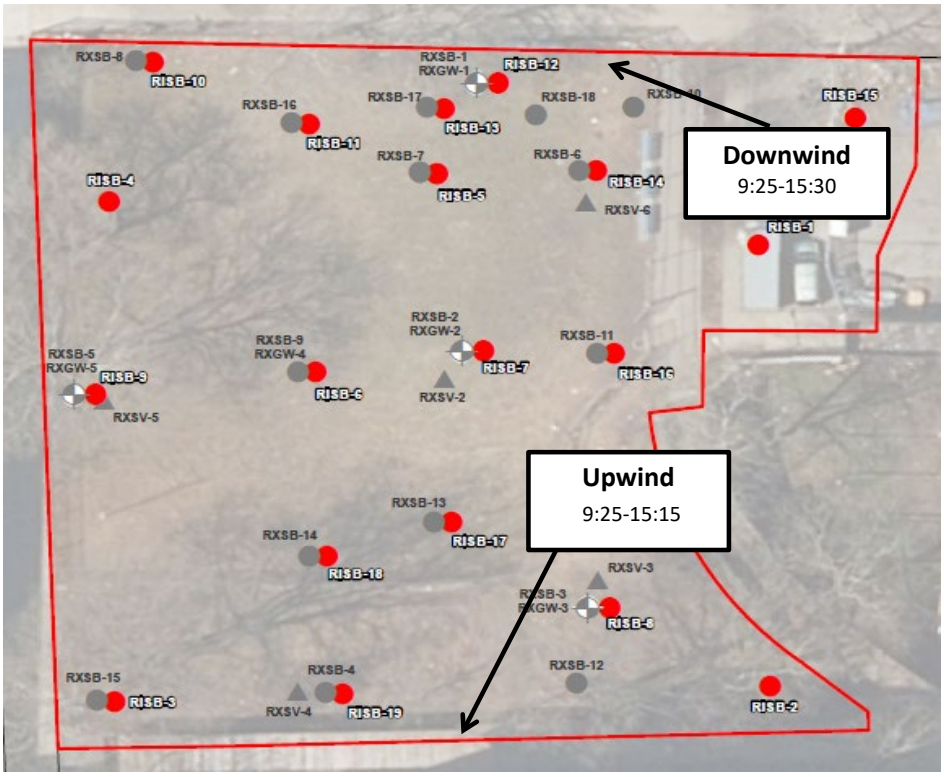
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/4/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-918177**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
9:27 AM	0.0	9:27 AM	0.0	0.00	
9:42 AM	0.0	9:42 AM	0.0	0.00	
9:57 AM	0.0	9:57 AM	0.0	0.00	
10:12 AM	0.1	10:12 AM	0.0	-0.10	
10:27 AM	0.1	10:27 AM	0.0	-0.10	
10:42 AM	0.1	10:42 AM	0.1	0.00	
10:57 AM	0.1	10:57 AM	0.0	-0.10	
11:12 AM	0.2	11:12 AM	0.0	-0.20	
11:27 AM	0.3	11:27 AM	0.0	-0.30	
11:42 AM	0.2	11:42 AM	0.0	-0.20	
11:57 AM	0.2	11:57 AM	0.0	-0.20	
12:12 PM	0.1	12:12 PM	0.0	-0.10	
12:27 PM	0.1	12:27 PM	0.0	-0.10	
12:42 PM	0.1	12:42 PM	0.0	-0.10	
12:57 PM	0.1	12:57 PM	0.0	-0.10	
1:12 PM	0.1	1:12 PM	0.0	-0.10	
1:27 PM	0.1	1:27 PM	0.0	-0.10	
1:42 PM	0.1	1:42 PM	0.0	-0.10	
1:57 PM	0.1	1:57 PM	0.0	-0.10	
2:12 PM	0.1	2:12 PM	0.0	-0.10	
2:27 PM	0.1	2:27 PM	0.0	-0.10	
2:42 PM	0.0	2:42 PM	0.0	0.00	
2:57 PM	0.0	2:57 PM	0.0	0.00	
3:12 PM	0.0	3:12 PM	0.0	0.00	
3:27 PM	NR	3:27 PM	0.0	NR	UW DT shut down prior to DW DT

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.



9/4/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: E @ 4 MPH

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/05/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 59-79°F, Sunny, RH: 67% Pres: 30.35" Wind: E @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls) with the exception of RISB-9 which was precleared to 6 ft bls for sampling purposes.
- Trinity completed utility pre-clearing at Remedial Investigation (RI) locations RISB-5, RISB-6, RISB-7, RISB-9, RISB-10 and RISB-18.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:00 – 14:40. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-10_0-2 RISB-5_0-2 RISB-6_0-2 RISB-7_0-2 RISB-9_0-2 RISB-9_2-4 RISB-9_4-6 RISB-18_0-2 DUP_09052024	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/05/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 59-79°F, Sunny, RH: 67% Pres: 30.35" Wind: E @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

Soil PFAS	RISB-6_0-2_P (MS/MSD) RISB-18_0-2_P	USEPA Method 1633; Total Solids

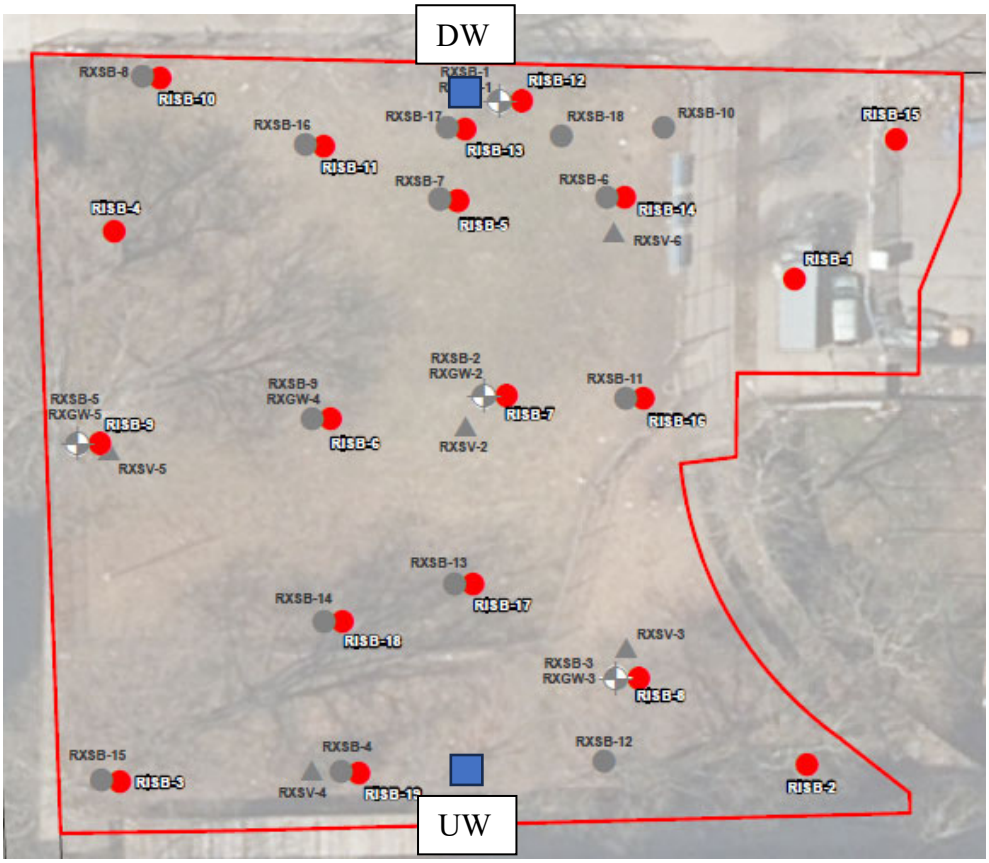
Upcoming work activities anticipated:

- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

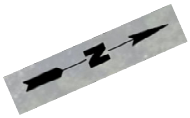
DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/05/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 59-79°F, Sunny, RH: 67% Pres: 30.35" Wind: E @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/05/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 59-79°F, Sunny, RH: 67% Pres: 30.35" Wind: E @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of downwind CAMP station.



Photo 2: Looking west, view of Trinity preclearing at RISB-10.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/05/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 59-79°F, Sunny, RH: 67% Pres: 30.35" Wind: E @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Photo 3: Looking down, view of soil cuttings from RISB-5.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/5/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:18 AM	0.022	8:18 AM	0.020	-0.002	
8:33 AM	0.021	8:33 AM	0.018	-0.003	
8:48 AM	0.019	8:48 AM	0.016	-0.003	
9:03 AM	0.022	9:03 AM	0.018	-0.004	
9:18 AM	0.018	9:18 AM	0.015	-0.003	
9:33 AM	0.018	9:33 AM	0.011	-0.007	
9:48 AM	0.016	9:48 AM	0.011	-0.005	
10:03 AM	0.017	10:03 AM	0.014	-0.003	
10:18 AM	0.015	10:18 AM	0.009	-0.006	
10:33 AM	0.015	10:33 AM	0.009	-0.006	
10:48 AM	0.015	10:48 AM	0.009	-0.006	
11:03 AM	0.016	11:03 AM	0.009	-0.007	
11:18 AM	0.016	11:18 AM	0.009	-0.007	
11:33 AM	0.017	11:33 AM	0.009	-0.008	
11:48 AM	0.017	11:48 AM	0.011	-0.006	
12:03 PM	0.018	12:03 PM	0.010	-0.008	
12:18 PM	0.018	12:18 PM	0.011	-0.007	
12:33 PM	0.018	12:33 PM	0.011	-0.007	
12:48 PM	0.018	12:48 PM	0.010	-0.008	
1:03 PM	0.019	1:03 PM	0.010	-0.009	
1:18 PM	0.019	1:18 PM	0.010	-0.009	
1:33 PM	0.018	1:33 PM	0.010	-0.008	
1:48 PM	0.019	1:48 PM	0.010	-0.009	
2:03 PM	0.019	2:03 PM	0.009	-0.010	
2:18 PM	0.018	2:18 PM	0.009	-0.009	
2:33 PM	0.018	2:33 PM	0.009	-0.009	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

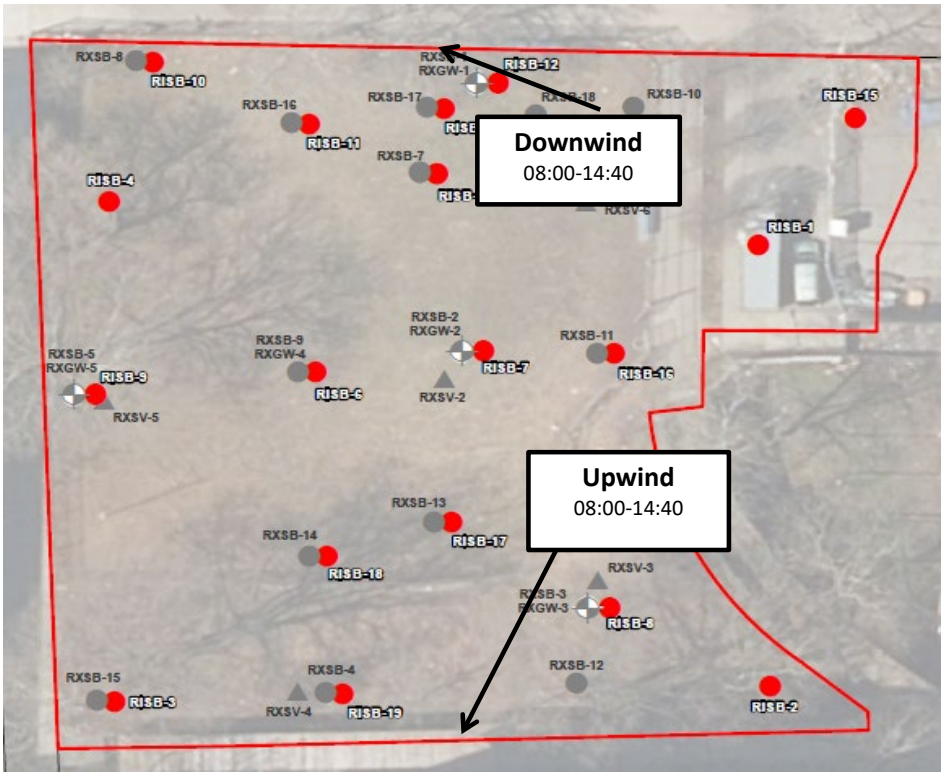
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/5/2024

Upwind VOC Meter Serial Number: **592-928160**
Downwind VOC Meter Serial Number: **592-918177**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:15 AM	0.0	8:15 AM	0.0	0.00	
8:30 AM	0.0	8:30 AM	0.0	0.00	
8:45 AM	0.0	8:45 AM	0.0	0.00	
9:00 AM	0.0	9:00 AM	0.0	0.00	
9:15 AM	0.0	9:15 AM	0.0	0.00	
9:30 AM	0.0	9:30 AM	0.0	0.00	
9:45 AM	0.0	9:45 AM	0.0	0.00	
10:00 AM	0.0	10:00 AM	0.0	0.00	
10:15 AM	0.0	10:15 AM	0.0	0.00	
10:30 AM	0.0	10:30 AM	0.0	0.00	
10:45 AM	0.0	10:45 AM	0.0	0.00	
11:00 AM	0.0	11:00 AM	0.0	0.00	
11:15 AM	0.0	11:15 AM	0.0	0.00	
11:30 AM	0.0	11:30 AM	0.0	0.00	
11:45 AM	0.0	11:45 AM	0.0	0.00	
12:00 PM	0.0	12:00 PM	0.0	0.00	
12:15 PM	0.0	12:15 PM	0.0	0.00	
12:30 PM	0.0	12:30 PM	0.0	0.00	
12:45 PM	0.0	12:45 PM	0.0	0.00	
1:00 PM	0.0	1:00 PM	0.0	0.00	
1:15 PM	0.0	1:15 PM	0.0	0.00	
1:30 PM	0.0	1:30 PM	0.0	0.00	
1:45 PM	0.0	1:45 PM	0.0	0.00	
2:00 PM	0.0	2:00 PM	0.0	0.00	
2:15 PM	0.0	2:15 PM	0.0	0.00	
2:30 PM	0.0	2:30 PM	0.0	0.00	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.



9/5/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: E @ 6 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/06/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-79°F, Partly Cloudy, RH: 77% Pres: 30.10" Wind: ENE @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor	Mauricio Hollis – Roux D.P.C. Ronald Lombino – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental Erick Bower – NYSDEC

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls).
- Trinity completed utility pre-clearing at Remedial Investigation (RI) locations RISB-1, RISB-8, RISB-15 and RISB-16.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:15 – 15:40. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-1_0-2	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs);
	RISB-15_0-2	TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs;
	RISB-16_0-2	TAL/Part 375 Metals (including hexavalent chromium);
	RISB-16_3-5	Polychlorinated biphenyls (PCBs);
	RISB-18_0-2	Mercury;
	RISB-18_2-4	Pesticides;
	RISB-18_4-6	Total Cyanide

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/06/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-79°F, Partly Cloudy, RH: 77% Pres: 30.10" Wind: ENE @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

Soil PFAS		USEPA Method 1633; Total Solids

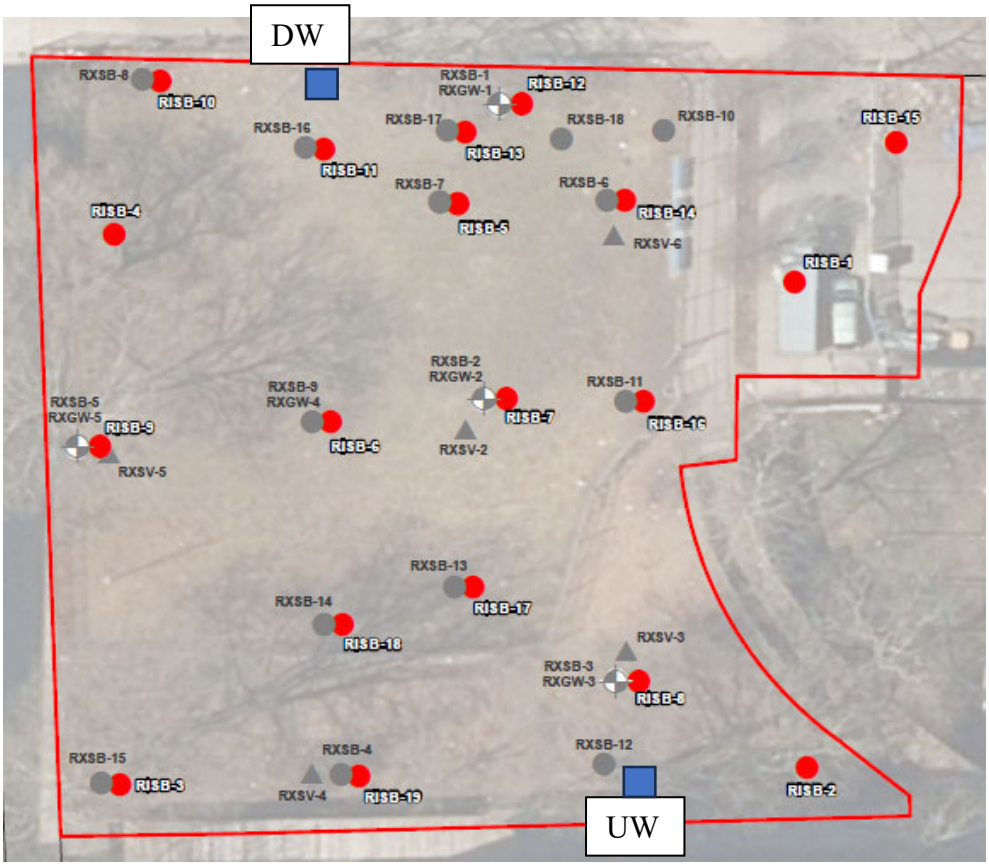
Upcoming work activities anticipated:

- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/06/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-79°F, Partly Cloudy, RH: 77% Pres: 30.10" Wind: ENE @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/06/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-79°F, Partly Cloudy, RH: 77% Pres: 30.10" Wind: ENE @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of downwind CAMP station.



Photo 2: Looking south, Trinity preclearing RISB-15 to 5 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/06/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 64-79°F, Partly Cloudy, RH: 77% Pres: 30.10" Wind: ENE @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Photo 3: Looking east, view of precleared soil to 5 ft bls from RISB-15.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/6/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:32 AM	0.013	8:32 AM	0.018	0.005	
8:47 AM	0.014	8:47 AM	0.016	0.002	
9:02 AM	0.015	9:02 AM	0.014	-0.001	
9:17 AM	0.015	9:17 AM	0.014	-0.001	
9:32 AM	0.015	9:32 AM	0.014	-0.001	
9:47 AM	0.015	9:47 AM	0.017	0.002	
10:02 AM	0.016	10:02 AM	0.017	0.001	
10:17 AM	0.016	10:17 AM	0.018	0.002	
10:32 AM	0.017	10:32 AM	0.018	0.001	
10:47 AM	0.017	10:47 AM	0.018	0.001	
11:02 AM	0.017	11:02 AM	0.017	0.000	
11:17 AM	0.016	11:17 AM	0.017	0.001	
11:32 AM	0.016	11:32 AM	0.016	0.000	
11:47 AM	0.017	11:47 AM	0.017	0.000	
12:02 PM	0.017	12:02 PM	0.018	0.001	
12:17 PM	0.016	12:17 PM	0.018	0.002	
12:32 PM	0.017	12:32 PM	0.018	0.001	
12:47 PM	0.017	12:47 PM	0.018	0.001	
1:02 PM	0.017	1:02 PM	0.018	0.001	
1:17 PM	0.017	1:17 PM	0.017	0.000	
1:32 PM	0.017	1:32 PM	0.017	0.000	
1:47 PM	0.017	1:47 PM	0.017	0.000	
2:02 PM	0.017	2:02 PM	0.017	0.000	
2:17 PM	0.017	2:17 PM	0.017	0.000	
2:32 PM	0.017	2:32 PM	0.018	0.001	
2:47 PM	0.016	2:47 PM	0.018	0.002	
3:02 PM	0.016	3:02 PM	0.018	0.002	
3:17 PM	0.016	3:17 PM	0.018	0.002	
3:32 PM	0.017	3:32 PM	0.019	0.002	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

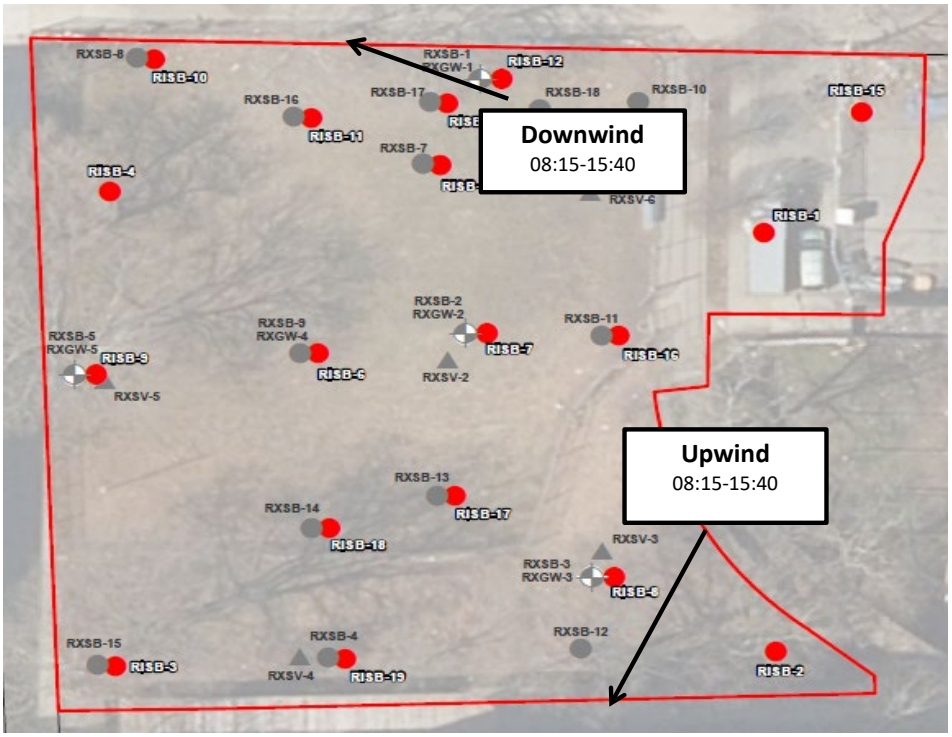
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/6/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-918177**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:29 AM	0.1	8:29 AM	0.0	-0.10	
8:44 AM	0.1	8:44 AM	0.0	-0.10	
8:59 AM	0.2	8:59 AM	0.0	-0.20	
9:14 AM	0.2	9:14 AM	0.0	-0.20	
9:29 AM	0.3	9:29 AM	0.0	-0.30	
9:44 AM	0.3	9:44 AM	0.0	-0.30	
9:59 AM	0.3	9:59 AM	0.0	-0.30	
10:14 AM	0.3	10:14 AM	0.0	-0.30	
10:29 AM	0.3	10:29 AM	0.0	-0.30	
10:44 AM	0.4	10:44 AM	0.0	-0.40	
10:59 AM	0.4	10:59 AM	0.0	-0.40	
11:14 AM	0.4	11:14 AM	0.0	-0.40	
11:29 AM	0.4	11:29 AM	0.0	-0.40	
11:44 AM	0.4	11:44 AM	0.0	-0.40	
11:59 AM	0.4	11:59 AM	0.0	-0.40	
12:14 PM	0.4	12:14 PM	0.0	-0.40	
12:29 PM	0.4	12:29 PM	0.0	-0.40	
12:44 PM	0.4	12:44 PM	0.0	-0.40	
12:59 PM	0.4	12:59 PM	0.0	-0.40	
1:14 PM	0.4	1:14 PM	0.0	-0.40	
1:29 PM	0.4	1:29 PM	0.0	-0.40	
1:44 PM	0.4	1:44 PM	0.0	-0.40	
1:59 PM	0.4	1:59 PM	0.0	-0.40	
2:14 PM	0.4	2:14 PM	0.0	-0.40	
2:29 PM	0.4	2:29 PM	0.0	-0.40	
2:44 PM	0.4	2:44 PM	0.0	-0.40	
2:59 PM	0.4	2:59 PM	0.0	-0.40	
3:14 PM	0.4	3:14 PM	0.0	-0.40	
3:29 PM	0.4	3:29 PM	0.0	-0.40	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.



Downwind
08:15-15:40

Upwind
08:15-15:40

9/6/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: ENE @ 6 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/09/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 57-77°F, Sunny, RH: 55% Pres: 30.12" Wind: WSW @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed soil boring advancement at Remedial Investigation (RI) locations RISB-10, RISB-11, RISB-12, RISB-13, and RISB-14.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:15 – 14:35. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-12_4-6 RISB-13_17-19 RISB-13_19-21 RISB-14_9-11 RISB-14_13-15 RISB-11_13-15 RISB-11_15-17 RISB-10_7-9 RISB-10_17-19	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS	RISB-13_17-19_P RISB-14_9-11_P RISB-14_13-15_P	USEPA Method 1633; Total Solids

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/09/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 57-77°F, Sunny, RH: 55% Pres: 30.12" Wind: WSW @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

Upcoming work activities anticipated:

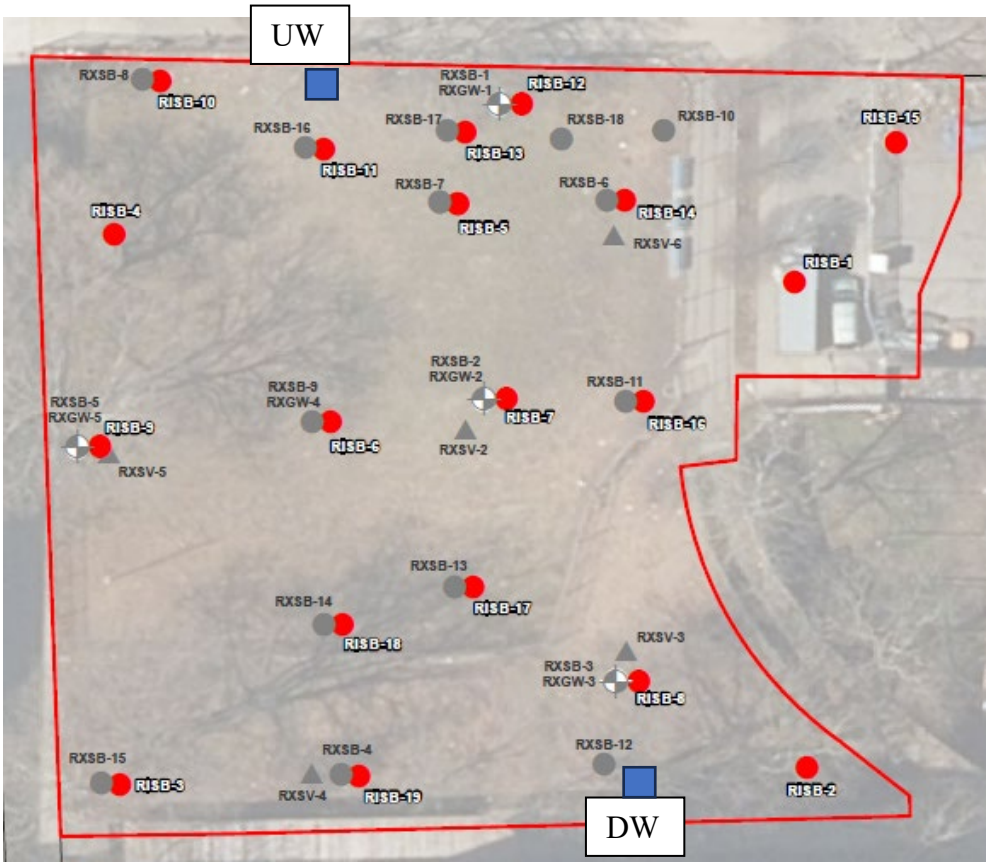
- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/09/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 57-77°F, Sunny, RH: 55% Pres: 30.12" Wind: WSW @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/09/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 57-77°F, Sunny, RH: 55% Pres: 30.12" Wind: WSW @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of upwind CAMP station.



Photo 2: Looking east, Trinity drilling RISB-13 to 21 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/09/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 57-77°F, Sunny, RH: 55% Pres: 30.12" Wind: WSW @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:45 – 15:20



Photo 3: Looking south, Trinity drilling RISB-15 to 21 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/9/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:27 AM	0.009	8:27 AM	0.009	0.000	
8:42 AM	0.010	8:42 AM	0.003	-0.007	
8:57 AM	0.011	8:57 AM	0.003	-0.008	
9:12 AM	0.011	9:12 AM	0.003	-0.008	
9:27 AM	0.013	9:27 AM	0.003	-0.010	
9:42 AM	0.015	9:42 AM	0.004	-0.011	
9:57 AM	0.017	9:57 AM	0.004	-0.013	
10:12 AM	0.018	10:12 AM	0.004	-0.014	
10:27 AM	0.016	10:27 AM	0.004	-0.012	
10:42 AM	0.019	10:42 AM	0.005	-0.014	
10:57 AM	0.018	10:57 AM	0.004	-0.014	
11:12 AM	0.018	11:12 AM	0.003	-0.015	
11:27 AM	0.016	11:27 AM	0.004	-0.012	
11:42 AM	0.017	11:42 AM	0.003	-0.014	
11:57 AM	0.016	11:57 AM	0.002	-0.014	
12:12 PM	0.021	12:12 PM	0.003	-0.018	
12:27 PM	0.026	12:27 PM	0.003	-0.023	
12:42 PM	0.025	12:42 PM	0.003	-0.022	
12:57 PM	0.017	12:57 PM	0.003	-0.014	
1:12 PM	0.017	1:12 PM	0.003	-0.014	
1:27 PM	0.017	1:27 PM	0.003	-0.014	
1:42 PM	0.018	1:42 PM	0.004	-0.014	
1:57 PM	0.024	1:57 PM	0.003	-0.021	
2:12 PM	0.022	2:12 PM	0.004	-0.018	
2:27 PM	0.023	2:27 PM	NR	NR	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.
2. NR - Not recorded

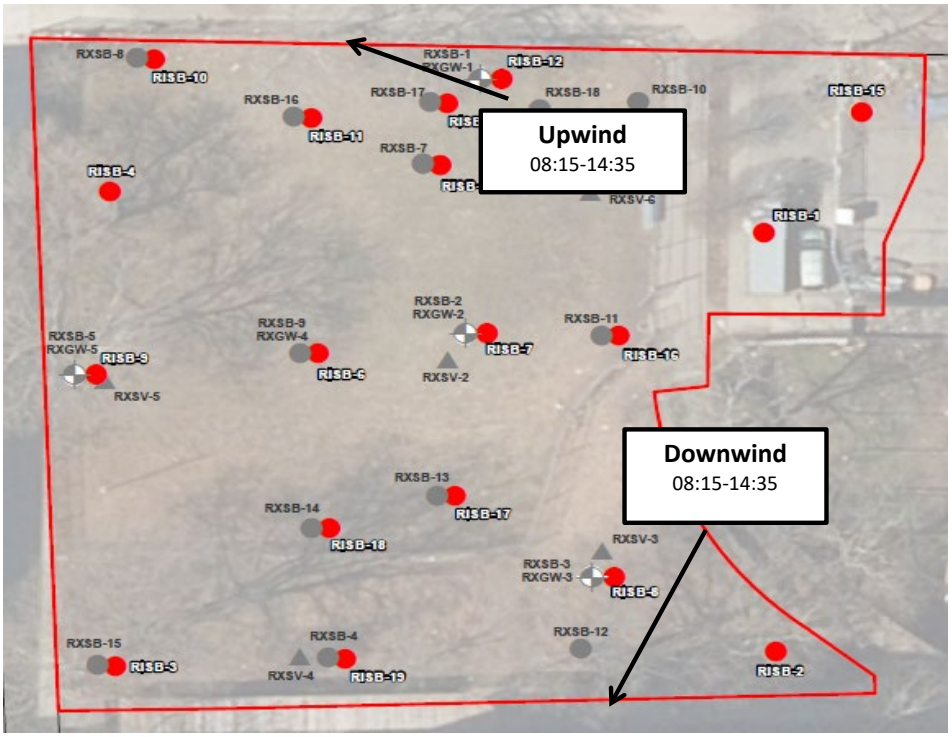
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/9/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-918177**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:30 AM	0.1	8:30 AM	0.0	-0.10	
8:45 AM	0.1	8:45 AM	0.0	-0.10	
9:00 AM	0.2	9:00 AM	0.0	-0.20	
9:15 AM	0.2	9:15 AM	0.0	-0.20	
9:30 AM	0.2	9:30 AM	0.0	-0.20	
9:45 AM	0.3	9:45 AM	0.0	-0.30	
10:00 AM	0.3	10:00 AM	0.0	-0.30	
10:15 AM	0.3	10:15 AM	0.0	-0.30	
10:30 AM	0.3	10:30 AM	0.0	-0.30	
10:45 AM	0.4	10:45 AM	0.0	-0.40	
11:00 AM	0.4	11:00 AM	0.0	-0.40	
11:15 AM	0.3	11:15 AM	0.0	-0.30	
11:30 AM	0.3	11:30 AM	0.0	-0.30	
11:45 AM	0.3	11:45 AM	0.0	-0.30	
12:00 PM	0.3	12:00 PM	0.0	-0.30	
12:15 PM	0.3	12:15 PM	0.0	-0.30	
12:30 PM	0.3	12:30 PM	0.0	-0.30	
12:45 PM	0.3	12:45 PM	0.0	-0.30	
1:00 PM	0.3	1:00 PM	0.0	-0.30	
1:15 PM	0.3	1:15 PM	0.0	-0.30	
1:30 PM	0.3	1:30 PM	0.0	-0.30	
1:45 PM	0.3	1:45 PM	0.0	-0.30	
2:00 PM	0.3	2:00 PM	0.0	-0.30	
2:15 PM	0.4	2:15 PM	NR	NR	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.
2. NR - Not recorded



Upwind
08:15-14:35

Downwind
08:15-14:35

9/9/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: WSW @ 8 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/10/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 60-79°F, Sunny, RH: 58% Pres: 30.07" Wind: NNW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:40

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls).
- Trinity completed utility pre-clearing at Remedial Investigation (RI) locations RISB-2, RISB-3, RISB-17 and RISB-19.
- Trinity completed soil boring advancement at Remedial Investigation (RI) location RISB-17.
- Trinity installed a soil vapor monitoring point at RI location RISV-8.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:15 – 15:15. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-2_0-2 RISB-19_0-2 (MS/MSD) RISB-3_0-2 RISB-17_0-2 RISB-17_12-14 RISB-17_15-17 RISB-17_18-20 DUP_09102024	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/10/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 60-79°F, Sunny, RH: 58% Pres: 30.07" Wind: NNW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:40

Soil PFAS	RISB-2_0-2_P RISB-3_0-2_P RISB-17_0-2_P RISB-17_12-14_P	USEPA Method 1633; Total Solids

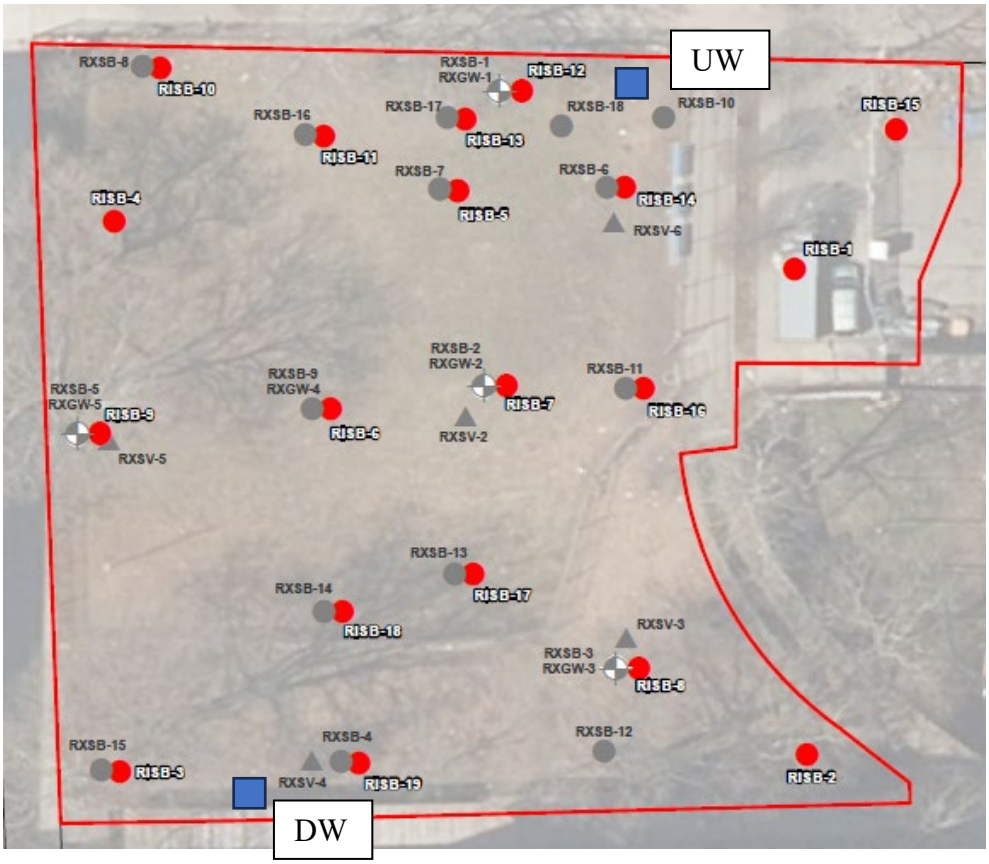
Upcoming work activities anticipated:

- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Monitoring well installation utilizing auger.
- Soil Vapor point installation utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/10/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 60-79°F, Sunny, RH: 58% Pres: 30.07" Wind: NNW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:40



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/10/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 60-79°F, Sunny, RH: 58% Pres: 30.07" Wind: NNW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:40

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave

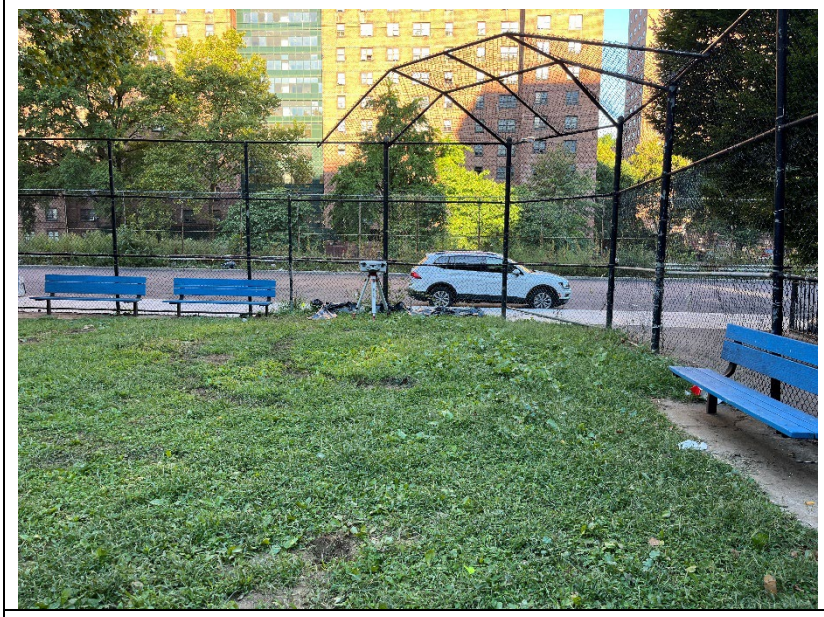


Photo 1: Looking west, location of upwind CAMP station.



Photo 2: Looking east, view of RISB-17 core from 5-10 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/10/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 60-79°F, Sunny, RH: 58% Pres: 30.07" Wind: NNW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:40



Photo 3: Looking north, Trinity drilling RISB-17 to 20 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/10/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:25 AM	0.016	8:25 AM	0.005	-0.011	
8:40 AM	0.015	8:40 AM	0.000	-0.015	
8:55 AM	0.016	8:55 AM	0.000	-0.016	
9:10 AM	0.016	9:10 AM	0.000	-0.016	
9:25 AM	0.018	9:25 AM	0.000	-0.018	
9:40 AM	0.026	9:40 AM	0.000	-0.026	
9:55 AM	0.022	9:55 AM	0.002	-0.020	
10:10 AM	0.019	10:10 AM	0.000	-0.019	
10:25 AM	0.021	10:25 AM	0.000	-0.021	
10:40 AM	0.021	10:40 AM	0.000	-0.021	
10:55 AM	0.020	10:55 AM	0.000	-0.020	
11:10 AM	0.023	11:10 AM	0.001	-0.022	
11:25 AM	0.020	11:25 AM	0.000	-0.020	
11:40 AM	0.021	11:40 AM	0.000	-0.021	
11:55 AM	0.020	11:55 AM	0.000	-0.020	
12:10 PM	0.020	12:10 PM	0.000	-0.020	
12:25 PM	0.020	12:25 PM	0.000	-0.020	
12:40 PM	0.021	12:40 PM	0.000	-0.021	
12:55 PM	0.021	12:55 PM	0.000	-0.021	
1:10 PM	0.021	1:10 PM	0.000	-0.021	
1:25 PM	0.022	1:25 PM	0.000	-0.022	
1:40 PM	0.022	1:40 PM	0.000	-0.022	
1:55 PM	0.022	1:55 PM	0.000	-0.022	
2:10 PM	0.022	2:10 PM	0.000	-0.022	
2:25 PM	0.022	2:25 PM	0.000	-0.022	
2:40 PM	0.023	2:40 PM	0.000	-0.023	
2:55 PM	0.023	2:55 PM	0.001	-0.022	
3:10 PM	0.023	3:10 PM	NR	NR	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

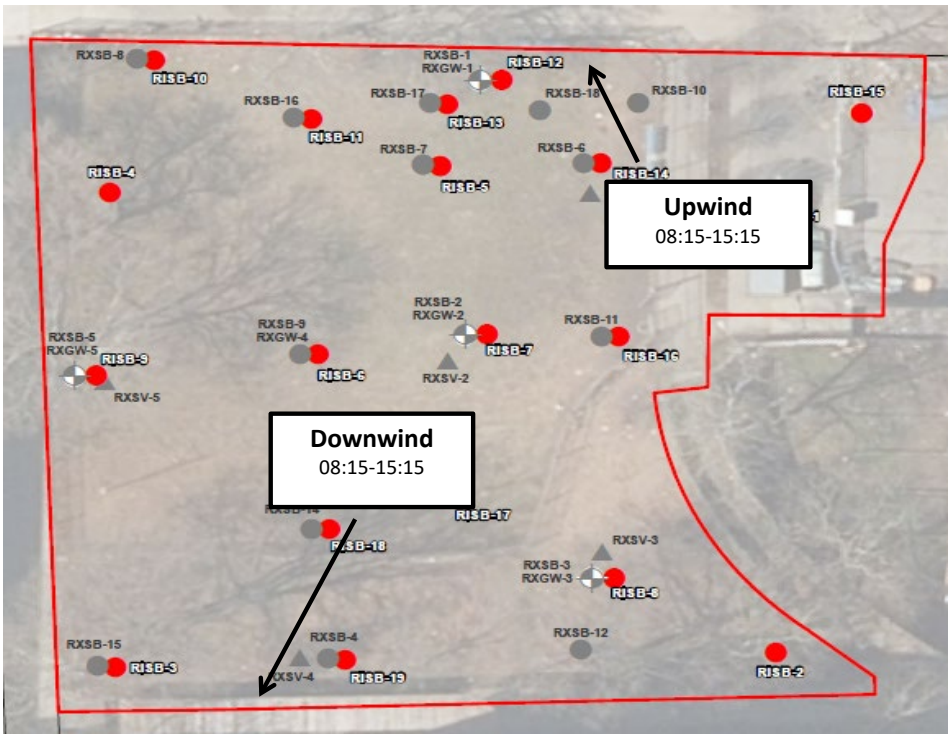
Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/10/2024

Upwind VOC Meter Serial Number: **592-928160**
Downwind VOC Meter Serial Number: **592-918177**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:28 AM	0.0	8:28 AM	0.0	0.00	
8:43 AM	0.0	8:43 AM	0.0	0.00	
8:58 AM	0.0	8:58 AM	0.0	0.00	
9:13 AM	0.0	9:13 AM	0.0	0.00	
9:28 AM	0.0	9:28 AM	0.0	0.00	
9:43 AM	0.0	9:43 AM	0.0	0.00	
9:58 AM	0.0	9:58 AM	0.0	0.00	
10:13 AM	0.0	10:13 AM	0.0	0.00	
10:28 AM	0.0	10:28 AM	0.0	0.00	
10:43 AM	0.0	10:43 AM	0.0	0.00	
10:58 AM	0.0	10:58 AM	0.0	0.00	
11:13 AM	0.0	11:13 AM	0.0	0.00	
11:28 AM	0.0	11:28 AM	0.0	0.00	
11:43 AM	0.0	11:43 AM	0.0	0.00	
11:58 AM	0.0	11:58 AM	0.0	0.00	
12:13 PM	0.0	12:13 PM	0.0	0.00	
12:28 PM	0.1	12:28 PM	0.0	-0.10	
12:43 PM	0.1	12:43 PM	0.0	-0.10	
12:58 PM	0.1	12:58 PM	0.0	-0.10	
1:13 PM	0.0	1:13 PM	0.0	0.00	
1:28 PM	0.0	1:28 PM	0.0	0.00	
1:43 PM	0.0	1:43 PM	0.0	0.00	
1:58 PM	0.0	1:58 PM	0.0	0.00	
2:13 PM	0.0	2:13 PM	0.0	0.00	
2:28 PM	0.0	2:28 PM	0.0	0.00	
2:43 PM	0.0	2:43 PM	0.0	0.00	
2:58 PM	0.0	2:58 PM	0.0	0.00	
3:13 PM	0.0	3:13 PM	NR	NR	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

2.NR - Not Recorded



9/10/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: NNW @ 6 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls).
- Trinity completed soil boring advancement at Remedial Investigation (RI) location RISB-15, RISB-16, RISB-18, and RISB-19.
- Trinity installed soil vapor monitoring points at RI location RISV-7 and RISV-9.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:00 – 13:45. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-15_5-7 RISB-15_7-9 RISB-16_5-7 RISB-18_8-10 RISB-18_10-12 RISB-19_5-7 RISB-19_7-9 DUP_09122024	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50

Soil PFAS	RISB-15_5-7_P	USEPA Method 1633; Total Solids

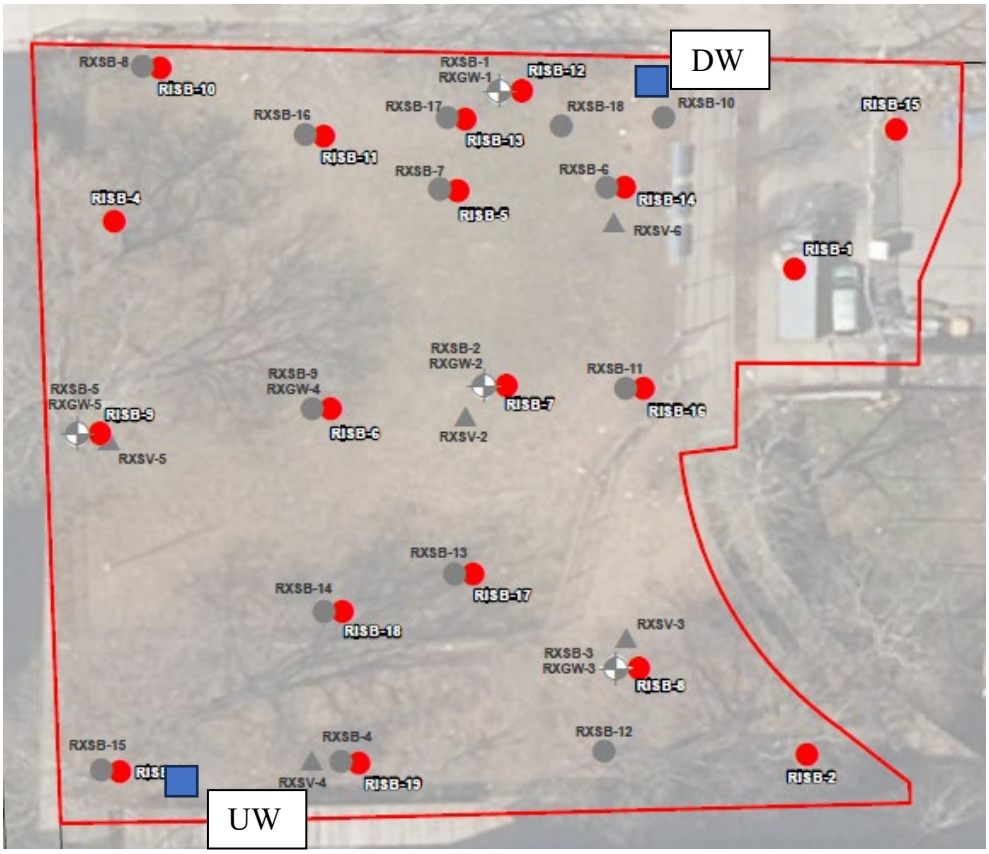
Upcoming work activities anticipated:

- Continue preclearing to 5 ft bls at remaining boring locations.
- Soil boring advancement utilizing the Geoprobe drill rig.
- Monitoring well installation utilizing auger.
- Soil Vapor point installation utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of upwind CAMP station.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50



Photo 2: Looking east, view of RISB-18 core from 5-12 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/12/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-80°F, Sunny, RH: 73% Pres: 30.23" Wind: SSE @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 14:50



Photo 3: Looking north, Trinity drilling RISB-15 to 9 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/12/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:17 AM	0.083	8:17 AM	0.089	0.006	
8:32 AM	0.080	8:32 AM	0.080	0.000	
8:47 AM	0.080	8:47 AM	0.073	-0.007	
9:02 AM	0.077	9:02 AM	0.070	-0.007	
9:17 AM	0.078	9:17 AM	0.068	-0.010	
9:32 AM	0.078	9:32 AM	0.068	-0.010	
9:47 AM	0.079	9:47 AM	0.067	-0.012	
10:02 AM	0.079	10:02 AM	0.066	-0.013	
10:17 AM	0.075	10:17 AM	0.064	-0.011	
10:32 AM	0.072	10:32 AM	0.061	-0.011	
10:47 AM	0.069	10:47 AM	0.056	-0.013	
11:02 AM	0.069	11:02 AM	0.054	-0.015	
11:17 AM	0.078	11:17 AM	0.053	-0.025	
11:32 AM	0.063	11:32 AM	0.047	-0.016	
11:47 AM	0.061	11:47 AM	0.041	-0.020	
12:02 PM	0.058	12:02 PM	0.041	-0.017	
12:17 PM	0.059	12:17 PM	0.042	-0.017	
12:32 PM	0.060	12:32 PM	0.041	-0.019	
12:47 PM	0.056	12:47 PM	0.038	-0.018	
1:02 PM	0.053	1:02 PM	0.032	-0.021	
1:17 PM	0.046	1:17 PM	0.027	-0.019	
1:32 PM	0.045	1:32 PM	0.027	-0.018	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

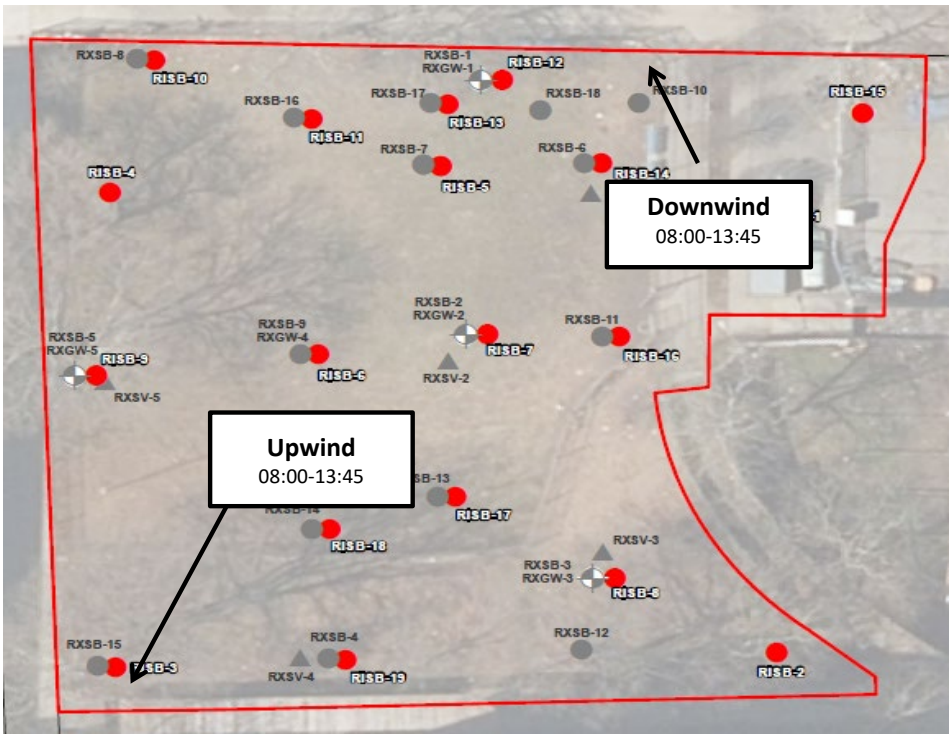
Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/12/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:15 AM	0.1	8:15 AM	0.0	-0.10	
8:30 AM	0.1	8:30 AM	0.0	-0.10	
8:45 AM	0.1	8:45 AM	0.0	-0.10	
9:00 AM	0.1	9:00 AM	0.0	-0.10	
9:15 AM	0.1	9:15 AM	0.0	-0.10	
9:30 AM	0.1	9:30 AM	0.0	-0.10	
9:45 AM	0.1	9:45 AM	0.0	-0.10	
10:00 AM	0.2	10:00 AM	0.0	-0.20	
10:15 AM	0.2	10:15 AM	0.0	-0.20	
10:30 AM	0.2	10:30 AM	0.0	-0.20	
10:45 AM	0.2	10:45 AM	0.0	-0.20	
11:00 AM	0.2	11:00 AM	0.0	-0.20	
11:15 AM	0.3	11:15 AM	0.0	-0.30	
11:30 AM	0.3	11:30 AM	0.0	-0.30	
11:45 AM	0.3	11:45 AM	0.0	-0.30	
12:00 PM	0.3	12:00 PM	0.0	-0.30	
12:15 PM	0.3	12:15 PM	0.0	-0.30	
12:30 PM	0.3	12:30 PM	0.0	-0.30	
12:45 PM	0.3	12:45 PM	0.0	-0.30	
1:00 PM	0.3	1:00 PM	0.0	-0.30	
1:15 PM	0.3	1:15 PM	0.0	-0.30	
1:30 PM	0.3	1:30 PM	0.0	-0.30	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

2.NR - Not Recorded



9/12/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: SSE @ 3 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/13/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-82°F, Sunny, RH: 72% Pres: 30.23" Wind: S @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:15

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity utilized the hand auger for utility pre-clearance to 5 feet below land surface (ft bls).
- Trinity completed soil boring advancement at Remedial Investigation (RI) location RISB-6, RISB-7, and RISB-4.
- Trinity installed a monitoring well at RI location RIMW-7.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:00 – 14:45. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	**Sample ID**	**Analyses**
Soil	RISB-7_19-21 RISB-7_21-23 RISB-6_15-17 RISB-6_17-19 RISB-4_20-22 RISB-4_22-24	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS	RISB-7_19-21_P RISB-4_22-24_P	USEPA Method 1633; Total Solids

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/13/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-82°F, Sunny, RH: 72% Pres: 30.23" Wind: S @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:15

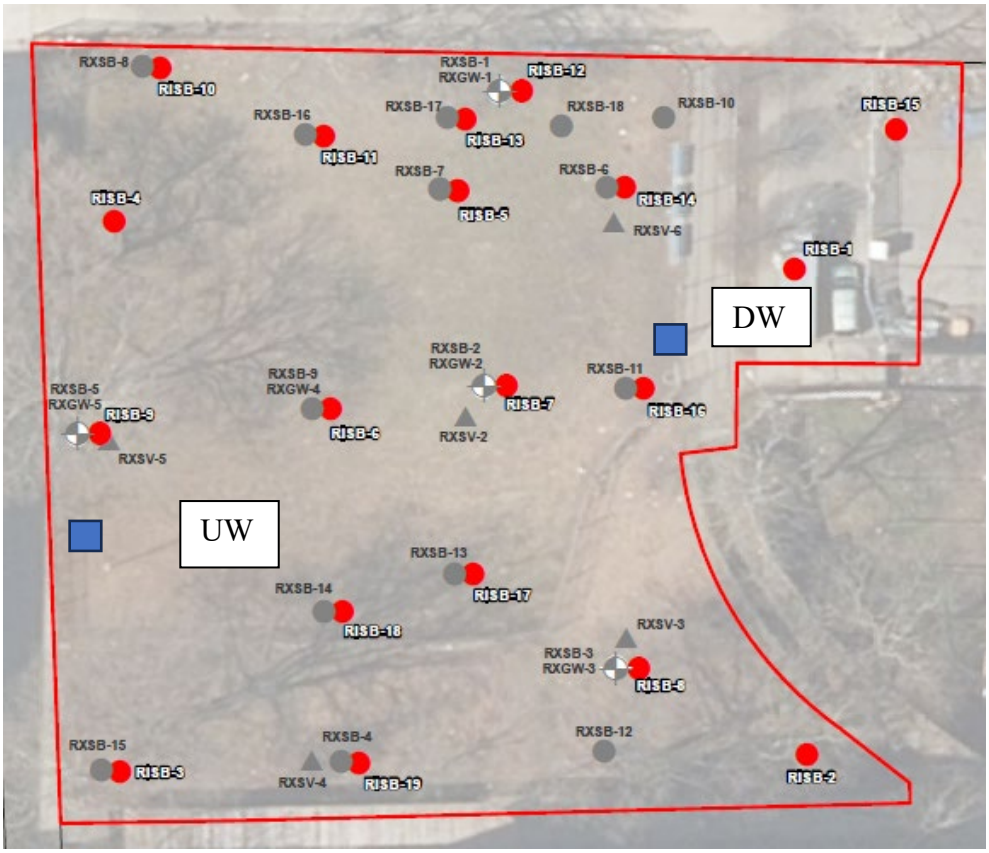
Upcoming work activities anticipated:

- Soil boring advancement utilizing the Geoprobe drill rig.
- Monitoring well installation utilizing auger and development.
- Soil Vapor point installation utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/13/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-82°F, Sunny, RH: 72% Pres: 30.23" Wind: S @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:15



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/13/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-82°F, Sunny, RH: 72% Pres: 30.23" Wind: S @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:15

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of upwind CAMP station.



Photo 2: Looking down, view of RISB-6 core from 15-19 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/13/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 61-82°F, Sunny, RH: 72% Pres: 30.23" Wind: S @ 3 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:40 – 15:15



Photo 3: Looking north, Trinity drilling RISB-7 to 25 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/13/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:16 AM	0.062	8:16 AM	0.029	-0.033	
8:31 AM	0.065	8:31 AM	0.022	-0.043	
8:46 AM	0.063	8:46 AM	0.056	-0.007	
9:01 AM	0.065	9:01 AM	0.022	-0.043	
9:16 AM	0.062	9:16 AM	0.021	-0.041	
9:31 AM	0.063	9:31 AM	0.026	-0.037	
9:46 AM	0.062	9:46 AM	0.028	-0.034	
10:01 AM	0.061	10:01 AM	0.030	-0.031	
10:16 AM	0.058	10:16 AM	0.022	-0.036	
10:31 AM	0.050	10:31 AM	0.047	-0.003	
10:46 AM	0.049	10:46 AM	0.047	-0.002	
11:01 AM	0.046	11:01 AM	0.034	-0.012	
11:16 AM	0.042	11:16 AM	0.058	0.016	
11:31 AM	0.042	11:31 AM	0.044	0.002	
11:46 AM	0.040	11:46 AM	0.053	0.013	
12:01 PM	0.036	12:01 PM	0.021	-0.015	
12:16 PM	0.031	12:16 PM	0.053	0.022	
12:31 PM	0.033	12:31 PM	0.056	0.023	
12:46 PM	0.029	12:46 PM	0.021	-0.008	
1:01 PM	0.027	1:01 PM	0.024	-0.003	
1:16 PM	0.029	1:16 PM	0.038	0.009	
1:31 PM	0.029	1:31 PM	0.047	0.018	
1:46 PM	0.030	1:46 PM	0.024	-0.006	
2:01 PM	0.031	2:01 PM	0.024	-0.007	
2:16 PM	0.032	2:16 PM	0.025	-0.007	
2:31 PM	0.031	2:31 PM	0.041	0.010	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

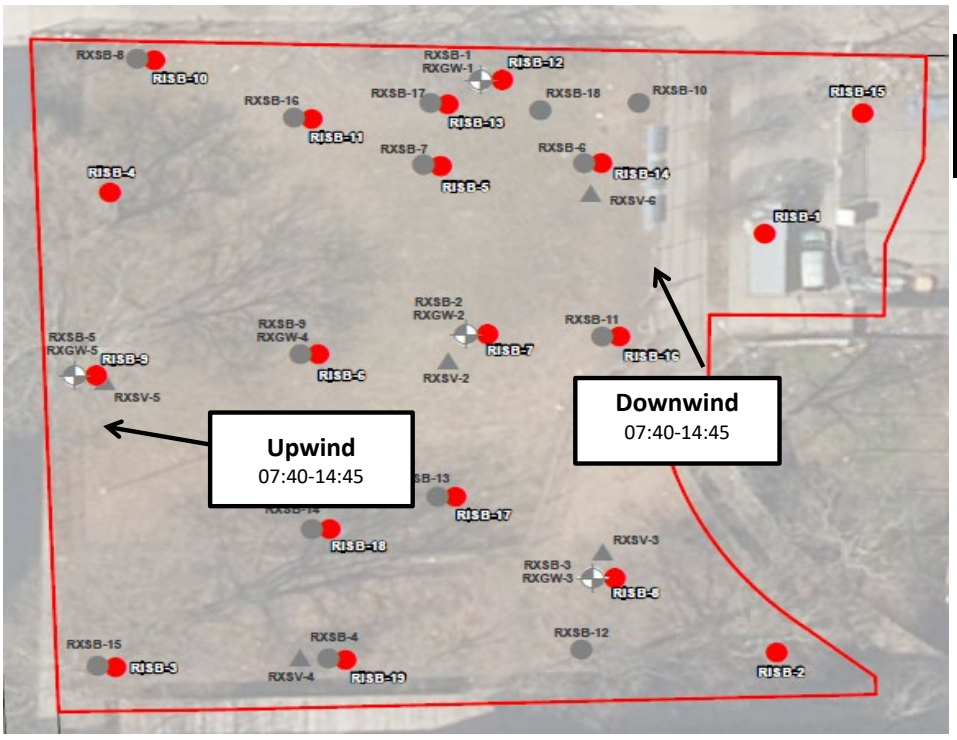
Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/13/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:16 AM	0.0	8:16 AM	0.0	0.00	
8:31 AM	0.0	8:31 AM	0.0	0.00	
8:46 AM	0.1	8:46 AM	0.1	0.00	
9:01 AM	0.1	9:01 AM	0.0	-0.10	
9:16 AM	0.1	9:16 AM	0.0	-0.10	
9:31 AM	0.2	9:31 AM	0.0	-0.20	
9:46 AM	0.2	9:46 AM	0.0	-0.20	
10:01 AM	0.2	10:01 AM	0.0	-0.20	
10:16 AM	0.2	10:16 AM	0.0	-0.20	
10:31 AM	0.3	10:31 AM	0.0	-0.30	
10:46 AM	0.3	10:46 AM	0.0	-0.30	
11:01 AM	0.3	11:01 AM	0.0	-0.30	
11:16 AM	0.3	11:16 AM	0.0	-0.30	
11:31 AM	0.3	11:31 AM	0.0	-0.30	
11:46 AM	0.4	11:46 AM	0.1	-0.30	
12:01 PM	0.4	12:01 PM	0.1	-0.30	
12:16 PM	0.5	12:16 PM	0.1	-0.40	
12:31 PM	0.5	12:31 PM	0.1	-0.40	
12:46 PM	0.5	12:46 PM	0.1	-0.40	
1:01 PM	0.4	1:01 PM	0.1	-0.30	
1:16 PM	0.4	1:16 PM	0.1	-0.30	
1:31 PM	0.4	1:31 PM	0.1	-0.30	
1:46 PM	0.3	1:46 PM	0.1	-0.20	
2:01 PM	0.3	2:01 PM	0.1	-0.20	
2:16 PM	0.2	2:16 PM	0.1	-0.10	
2:31 PM	NR	2:31 PM	0.0	NR	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

2.NR - Not Recorded



9/13/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: S @ 3 MPH





ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/16/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 62-78°F, Mostly Cloudy, RH: 72% Pres: 30.30" Wind: E @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:10 – 16:40

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity installed monitoring wells at RI locations RIMW-4 and RIMW-6.

CAMP data evaluation: CAMP was implemented from 08:40 – 15:45. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil		TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS		USEPA Method 1633; Total Solids

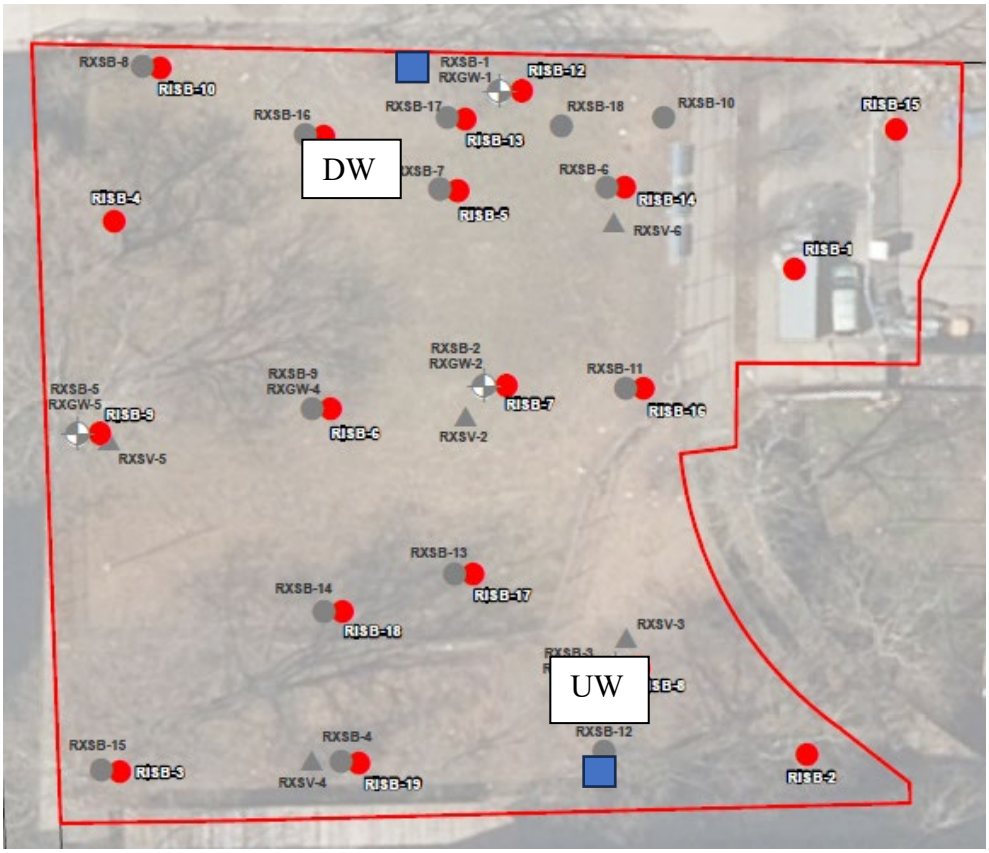
Upcoming work activities anticipated:

- Soil boring advancement utilizing the Geoprobe drill rig.
- Monitoring well installation utilizing auger and development.
- Soil Vapor point installation utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/16/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 62-78°F, Mostly Cloudy, RH: 72% Pres: 30.30" Wind: E @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:10 – 16:40



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/16/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 62-78°F, Mostly Cloudy, RH: 72% Pres: 30.30" Wind: E @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:10 – 16:40

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, location of upwind CAMP station.



Photo 2: Looking east, Trinity installing PVC riser for RIMW-6 to 25 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/16/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 62-78°F, Mostly Cloudy, RH: 72% Pres: 30.30" Wind: E @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:10 – 16:40



Photo 3: Looking north, Trinity drilling RIMW-4 with auger attachment.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/16/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:54 AM	0.017	8:54 AM	0.018	0.001	
9:09 AM	0.013	9:09 AM	0.013	0.000	
9:24 AM	0.012	9:24 AM	0.011	-0.001	
9:39 AM	0.013	9:39 AM	0.010	-0.003	
9:54 AM	0.012	9:54 AM	0.009	-0.003	
10:09 AM	0.012	10:09 AM	0.008	-0.004	
10:24 AM	0.012	10:24 AM	0.009	-0.003	
10:39 AM	0.013	10:39 AM	0.007	-0.006	
10:54 AM	0.013	10:54 AM	0.006	-0.007	
11:09 AM	0.013	11:09 AM	0.009	-0.004	
11:24 AM	0.013	11:24 AM	0.007	-0.006	
11:39 AM	0.013	11:39 AM	0.005	-0.008	
11:54 AM	0.013	11:54 AM	0.005	-0.008	
12:09 PM	0.013	12:09 PM	0.006	-0.007	
12:24 PM	0.014	12:24 PM	0.006	-0.008	
12:39 PM	0.015	12:39 PM	0.007	-0.008	
12:54 PM	0.014	12:54 PM	0.006	-0.008	
1:09 PM	0.015	1:09 PM	0.006	-0.009	
1:24 PM	0.014	1:24 PM	0.006	-0.008	
1:39 PM	0.014	1:39 PM	0.006	-0.008	
1:54 PM	0.014	1:54 PM	0.006	-0.008	
2:09 PM	0.014	2:09 PM	0.005	-0.009	
2:24 PM	0.015	2:24 PM	0.005	-0.010	
2:39 PM	0.013	2:39 PM	0.006	-0.007	
2:54 PM	0.013	2:54 PM	0.005	-0.008	
3:09 PM	0.014	3:09 PM	0.005	-0.009	
3:24 PM	0.014	3:24 PM	0.005	-0.009	
3:39 PM	0.015	3:39 PM	0.004	-0.011	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

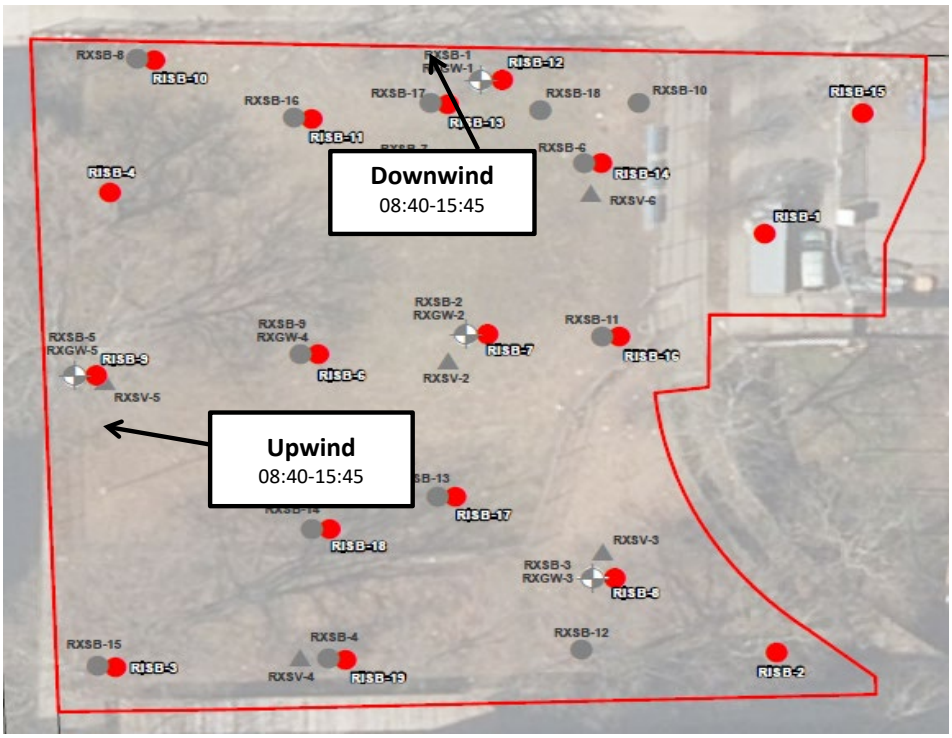
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/16/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:56 AM	0.0	8:56 AM	0.0	0.00	
9:11 AM	0.1	9:11 AM	0.0	-0.10	
9:26 AM	0.1	9:26 AM	0.0	-0.10	
9:41 AM	0.2	9:41 AM	0.0	-0.20	
9:56 AM	0.3	9:56 AM	0.0	-0.30	
10:11 AM	0.3	10:11 AM	0.0	-0.30	
10:26 AM	0.4	10:26 AM	0.0	-0.40	
10:41 AM	0.4	10:41 AM	0.0	-0.40	
10:56 AM	0.4	10:56 AM	0.0	-0.40	
11:11 AM	0.4	11:11 AM	0.1	-0.30	
11:26 AM	0.5	11:26 AM	0.0	-0.50	
11:41 AM	0.5	11:41 AM	0.0	-0.50	
11:56 AM	0.5	11:56 AM	0.0	-0.50	
12:11 PM	0.5	12:11 PM	0.0	-0.50	
12:26 PM	0.5	12:26 PM	0.0	-0.50	
12:41 PM	0.5	12:41 PM	0.0	-0.50	
12:56 PM	0.5	12:56 PM	0.0	-0.50	
1:11 PM	0.5	1:11 PM	0.0	-0.50	
1:26 PM	0.5	1:26 PM	0.0	-0.50	
1:41 PM	0.5	1:41 PM	0.0	-0.50	
1:56 PM	0.5	1:56 PM	0.0	-0.50	
2:11 PM	0.4	2:11 PM	0.0	-0.40	
2:26 PM	0.4	2:26 PM	0.0	-0.40	
2:41 PM	0.4	2:41 PM	0.0	-0.40	
2:56 PM	0.4	2:56 PM	0.1	-0.30	
3:11 PM	0.4	3:11 PM	0.1	-0.30	
3:26 PM	0.3	3:26 PM	0.1	-0.20	
3:41 PM	0.3	3:41 PM	0.1	-0.20	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.
2.NR - Not Recorded



9/16/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: E @ 5 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed soil boring advancement at Remedial Investigation (RI) location RISB-2, RISB-3, RISB-5, and RISB-8.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 09:10 – 14:50. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-5_17-19 RISB-5_19-21 RISB-8_16.5-18.5 RISB-2_7-9 RISB-2_9-11 RISB-3_5-7 RISB-3_7-9	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS	RISB-2_7-9_P RISB-3_5-7_P	USEPA Method 1633; Total Solids

Upcoming work activities anticipated:

- Soil boring advancement utilizing the Geoprobe drill rig.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45

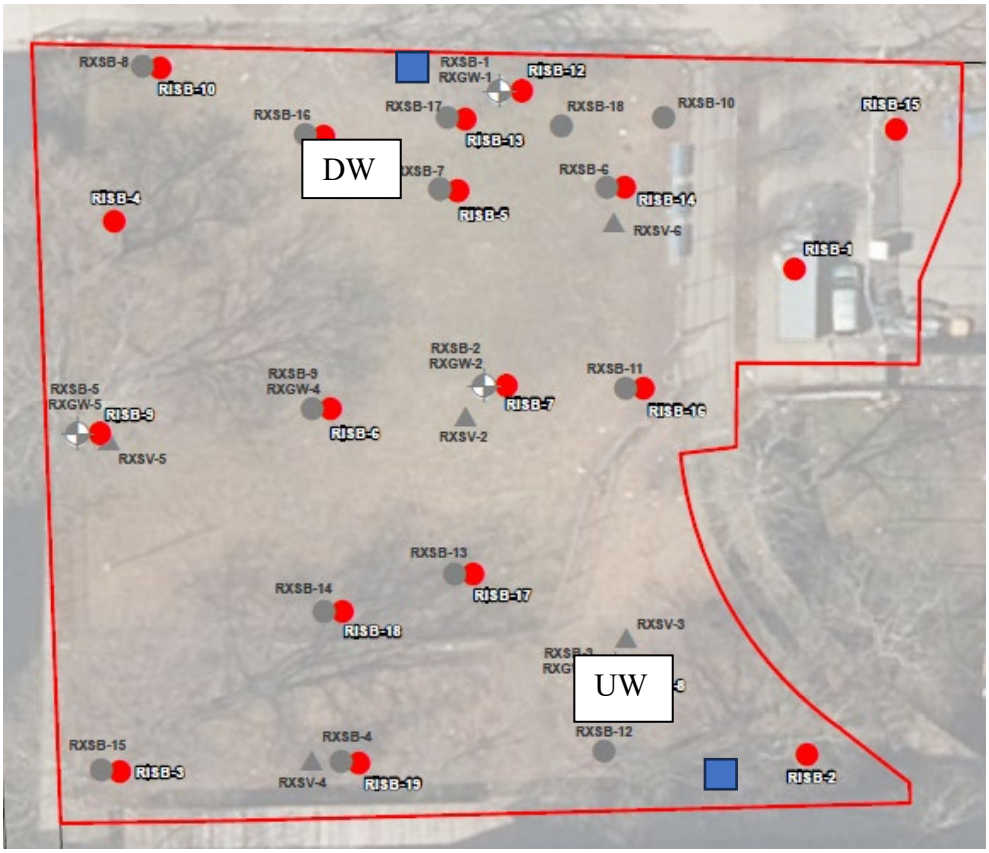
- Monitoring well installation utilizing auger and development.
- Soil Vapor point installation utilizing the Geoprobe drill rig.
- Roux will continue inspecting all recovered soil, recording lithology, and screening with a PID for VOCs. Soil samples will be collected at all RI locations.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking southeast, Trinity drilling at RISB-5 to 25 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45



Photo 2: Looking down, Soil boring from RISB-5 15-20 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/17/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-80°F, Mostly Cloudy, RH: 79% Pres: 30.20" Wind: ENE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:55 – 15:45



Photo 3: Looking west, Trinity drilling at RISB-8 to 20 ft bls.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/17/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
9:20 AM	0.019	9:20 AM	0.020	0.001	
9:35 AM	0.019	9:35 AM	0.020	0.001	
9:50 AM	0.022	9:50 AM	0.021	-0.001	
10:05 AM	0.022	10:05 AM	0.022	0.000	
10:20 AM	0.022	10:20 AM	0.021	-0.001	
10:35 AM	0.022	10:35 AM	0.023	0.001	
10:50 AM	0.026	10:50 AM	0.023	-0.003	
11:05 AM	0.024	11:05 AM	0.024	0.000	
11:20 AM	0.027	11:20 AM	0.025	-0.002	
11:35 AM	0.026	11:35 AM	0.027	0.001	
11:50 AM	0.027	11:50 AM	0.027	0.000	
12:05 PM	0.027	12:05 PM	0.028	0.001	
12:20 PM	0.030	12:20 PM	0.026	-0.004	
12:35 PM	0.030	12:35 PM	0.025	-0.005	
12:50 PM	0.037	12:50 PM	0.027	-0.010	
1:05 PM	0.028	1:05 PM	0.030	0.002	
1:20 PM	0.026	1:20 PM	0.028	0.002	
1:35 PM	0.026	1:35 PM	0.029	0.003	
1:50 PM	0.027	1:50 PM	0.028	0.001	
2:05 PM	0.028	2:05 PM	0.028	0.000	
2:20 PM	0.028	2:20 PM	0.027	-0.001	
2:35 PM	0.028	2:35 PM	0.028	0.000	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

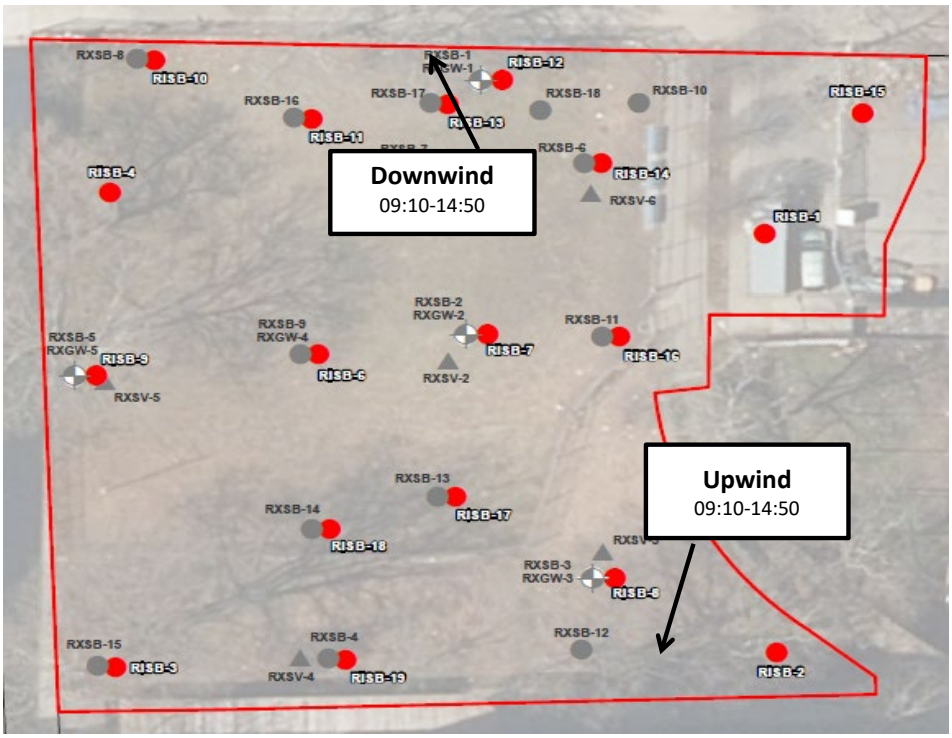
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/17/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
9:25 AM	0.1	9:25 AM	0.0	-0.10	
9:40 AM	0.1	9:40 AM	0.0	-0.10	
9:55 AM	0.2	9:55 AM	0.0	-0.20	
10:10 AM	0.2	10:10 AM	0.0	-0.20	
10:25 AM	0.3	10:25 AM	0.0	-0.30	
10:40 AM	0.3	10:40 AM	0.0	-0.30	
10:55 AM	0.3	10:55 AM	0.0	-0.30	
11:10 AM	0.4	11:10 AM	0.0	-0.40	
11:25 AM	0.4	11:25 AM	0.0	-0.40	
11:40 AM	0.4	11:40 AM	0.1	-0.30	
11:55 AM	0.4	11:55 AM	0.0	-0.40	
12:10 PM	0.5	12:10 PM	0.0	-0.50	
12:25 PM	0.5	12:25 PM	0.0	-0.50	
12:40 PM	0.5	12:40 PM	0.0	-0.50	
12:55 PM	0.5	12:55 PM	0.0	-0.50	
1:10 PM	0.5	1:10 PM	0.0	-0.50	
1:25 PM	0.5	1:25 PM	0.0	-0.50	
1:40 PM	0.5	1:40 PM	0.0	-0.50	
1:55 PM	0.5	1:55 PM	0.0	-0.50	
2:10 PM	0.5	2:10 PM	0.0	-0.50	
2:25 PM	0.5	2:25 PM	0.0	-0.50	
2:40 PM	0.5	2:40 PM	0.1	-0.40	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.
2.NR - Not Recorded



9/17/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: E @ 5 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/18/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 67-75°F, Cloudy, RH: 79% Pres: 30.06" Wind: ENE @ 7 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:15 – 15:10

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed soil boring advancement at Remedial Investigation (RI) location RISB-1.
- Trinity completed monitoring well installation for RIMW-1.
- Trinity completed soil vapor point installation at RISV-1
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:30 – 14:40. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period. The downwind DustTrak exhibited flow errors and as a result did not record a continuous data log.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-1_5-7 RISB-1_7-9	TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS		USEPA Method 1633; Total Solids

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/18/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 67-75°F, Cloudy, RH: 79% Pres: 30.06" Wind: ENE @ 7 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:15 – 15:10

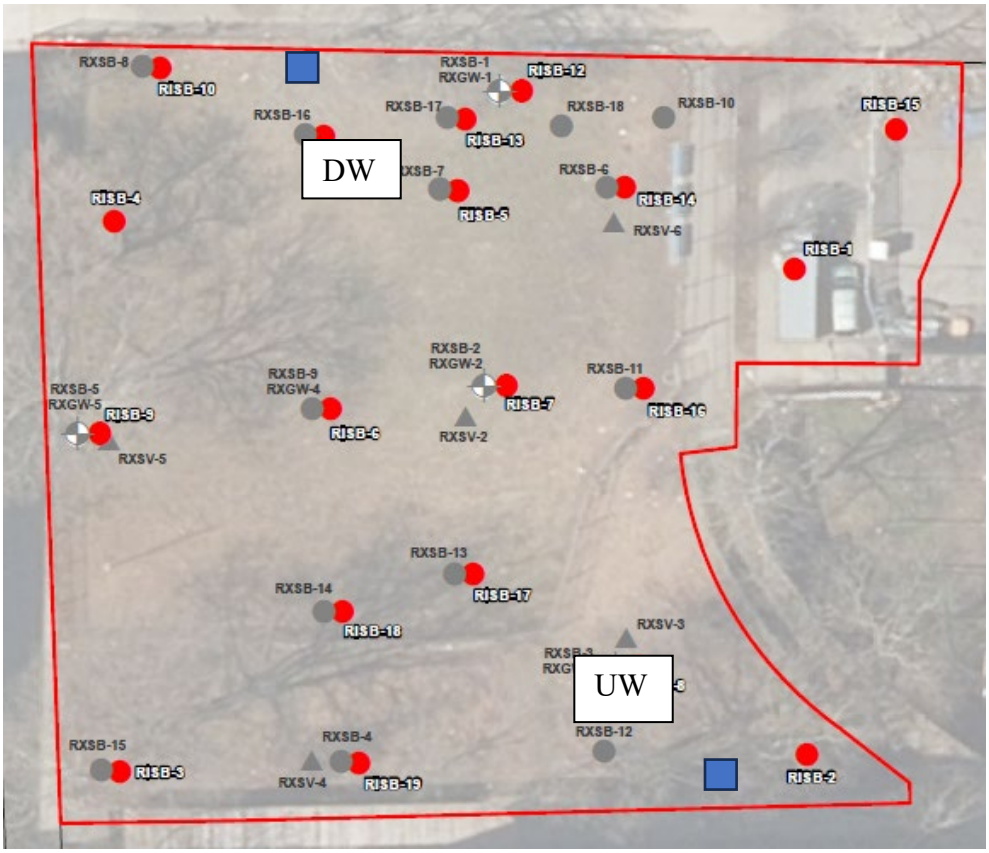
Upcoming work activities anticipated:

- Monitoring well installation utilizing auger and development of wells.
- Soil Vapor point installation utilizing the Geoprobe drill rig.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/18/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 67-75°F, Cloudy, RH: 79% Pres: 30.06" Wind: ENE @ 7 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:15 – 15:10



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/18/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 67-75°F, Cloudy, RH: 79% Pres: 30.06" Wind: ENE @ 7 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:15 – 15:10

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking northeast, Trinity drilling at RISB-1

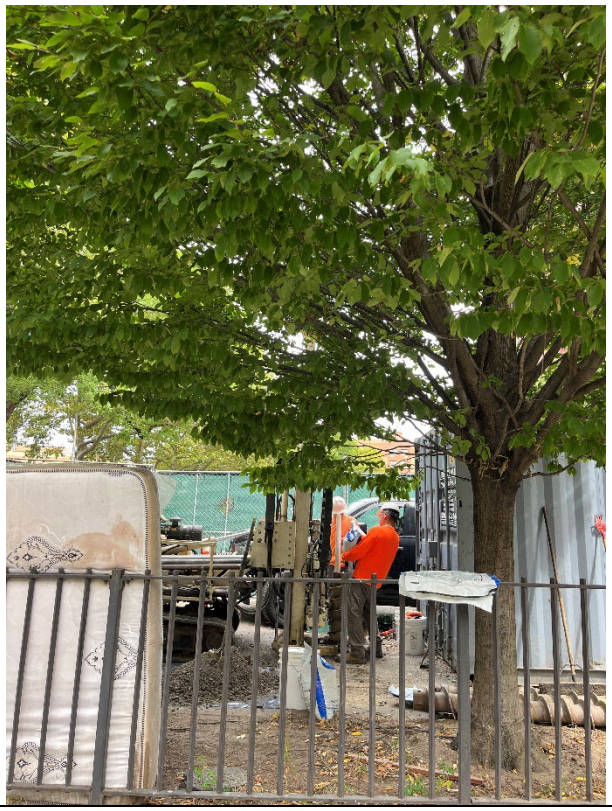


Photo 2: Looking north, Trinity installing PVC for RIMW-1.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/18/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 67-75°F, Cloudy, RH: 79% Pres: 30.06" Wind: ENE @ 7 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:15 – 15:10



Photo 3: Looking down, View of covers for RIMW-1 and RISV-1.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/18/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530193708**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:44 AM	0.024	8:44 AM	0.015	-0.009	
8:59 AM	0.024	8:59 AM	NR	NR	Flow Error, troubleshooting
9:14 AM	0.025	9:14 AM	NR	NR	
9:29 AM	0.026	9:29 AM	NR	NR	
9:44 AM	0.027	9:44 AM	NR	NR	
9:59 AM	0.025	9:59 AM	NR	NR	
10:14 AM	0.024	10:14 AM	NR	NR	
10:29 AM	0.026	10:29 AM	NR	NR	
10:44 AM	0.024	10:44 AM	NR	NR	
10:59 AM	0.030	10:59 AM	NR	NR	
11:14 AM	0.025	11:14 AM	NR	NR	
11:29 AM	0.025	11:29 AM	NR	NR	
11:44 AM	0.026	11:44 AM	0.010	-0.016	
11:59 AM	0.025	11:59 AM	0.009	-0.016	Flow Error; will replace DW DT on 9/19
12:14 PM	0.025	12:14 PM	NR	NR	
12:29 PM	0.025	12:29 PM	NR	NR	
12:44 PM	0.025	12:44 PM	NR	NR	
12:59 PM	0.026	12:59 PM	NR	NR	
1:14 PM	0.027	1:14 PM	NR	NR	
1:29 PM	0.027	1:29 PM	NR	NR	
1:44 PM	0.028	1:44 PM	NR	NR	
1:59 PM	0.030	1:59 PM	NR	NR	
2:14 PM	0.030	2:14 PM	NR	NR	
2:29 PM	0.031	2:29 PM	NR	NR	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

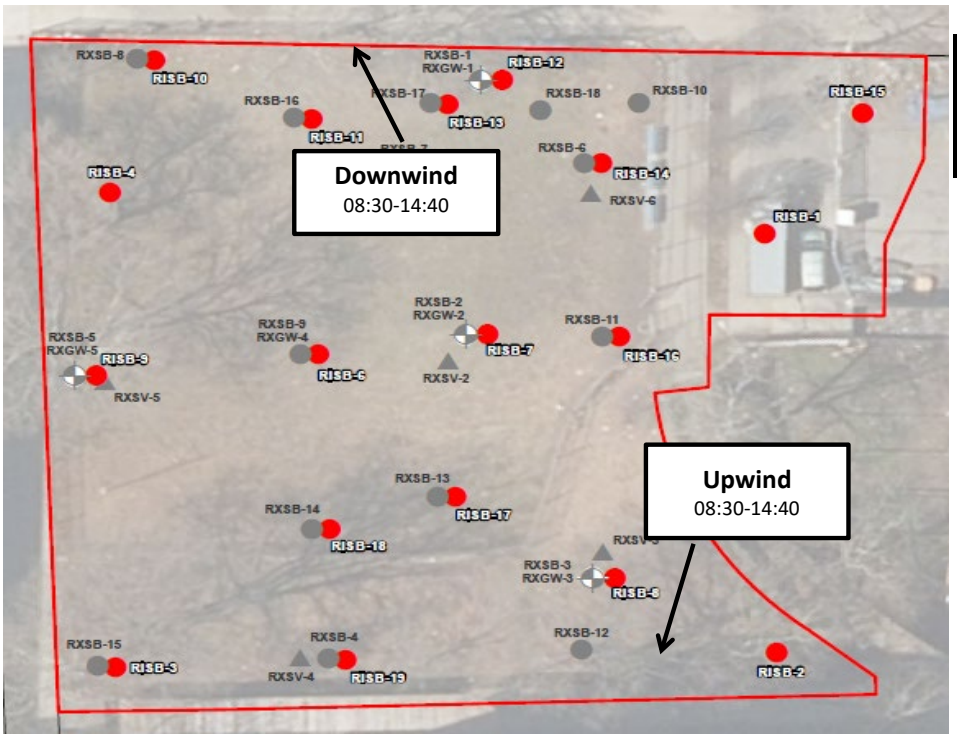
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/18/2024

Upwind VOC Meter Serial Number: **592-918228**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
9:25 AM	0.1	9:25 AM	0.0	-0.10	
9:40 AM	0.1	9:40 AM	0.0	-0.10	
9:55 AM	0.2	9:55 AM	0.0	-0.20	
10:10 AM	0.2	10:10 AM	0.0	-0.20	
10:25 AM	0.3	10:25 AM	0.0	-0.30	
10:40 AM	0.3	10:40 AM	0.0	-0.30	
10:55 AM	0.3	10:55 AM	0.0	-0.30	
11:10 AM	0.4	11:10 AM	0.0	-0.40	
11:25 AM	0.4	11:25 AM	0.0	-0.40	
11:40 AM	0.4	11:40 AM	0.1	-0.30	
11:55 AM	0.4	11:55 AM	0.0	-0.40	
12:10 PM	0.5	12:10 PM	0.0	-0.50	
12:25 PM	0.5	12:25 PM	0.0	-0.50	
12:40 PM	0.5	12:40 PM	0.0	-0.50	
12:55 PM	0.5	12:55 PM	0.0	-0.50	
1:10 PM	0.5	1:10 PM	0.0	-0.50	
1:25 PM	0.5	1:25 PM	0.0	-0.50	
1:40 PM	0.5	1:40 PM	0.0	-0.50	
1:55 PM	0.5	1:55 PM	0.0	-0.50	
2:10 PM	0.5	2:10 PM	0.0	-0.50	
2:25 PM	0.5	2:25 PM	0.0	-0.50	
2:40 PM	0.5	2:40 PM	0.1	-0.40	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.
2.NR - Not Recorded



9/18/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: ENE @ 7 MPH





ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/19/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-83°F, Cloudy, RH: 79% Pres: 29.94" Wind: NNE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:00 – 16:00

CONTRACTOR AND EQUIPMENT	PERSONNEL PRESENT AT SITE AND AFFILIATION:
Trinity Environmental Hand Auger Air Knife Air Compressor Geoprobe Drill Rig	Mauricio Hollis – Roux D.P.C. Joe Sakellis – Trinity Environmental Laborer – Trinity Environmental

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Remedial Investigation (RI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Remedial Investigation Work Plan (RIWP), dated August 20, 2024. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity completed monitoring well installation for RIMW-2 and RIMW-5.
- Trinity in process of installing RIMW-8.
- Roux inspected all recovered soil, recorded lithology, and screened with a photoionization detector (PID) for volatile organic compounds (VOCs).

CAMP data evaluation: CAMP was implemented from 08:20 – 15:20. There were no exceedances of dust or volatile organic compound (VOC) action levels during this period. A functional DustTrak was delivered around noon and was setup upon arrival.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil		TCL/Part 375 VOC + 10 Tentatively identified compounds (TICs); TCL/Part 375 Base neutral acids (BNA)/SVOCs + 20 TICs; TAL/Part 375 Metals (including hexavalent chromium); Polychlorinated biphenyls (PCBs); Mercury; Pesticides; Total Cyanide
Soil PFAS		USEPA Method 1633; Total Solids

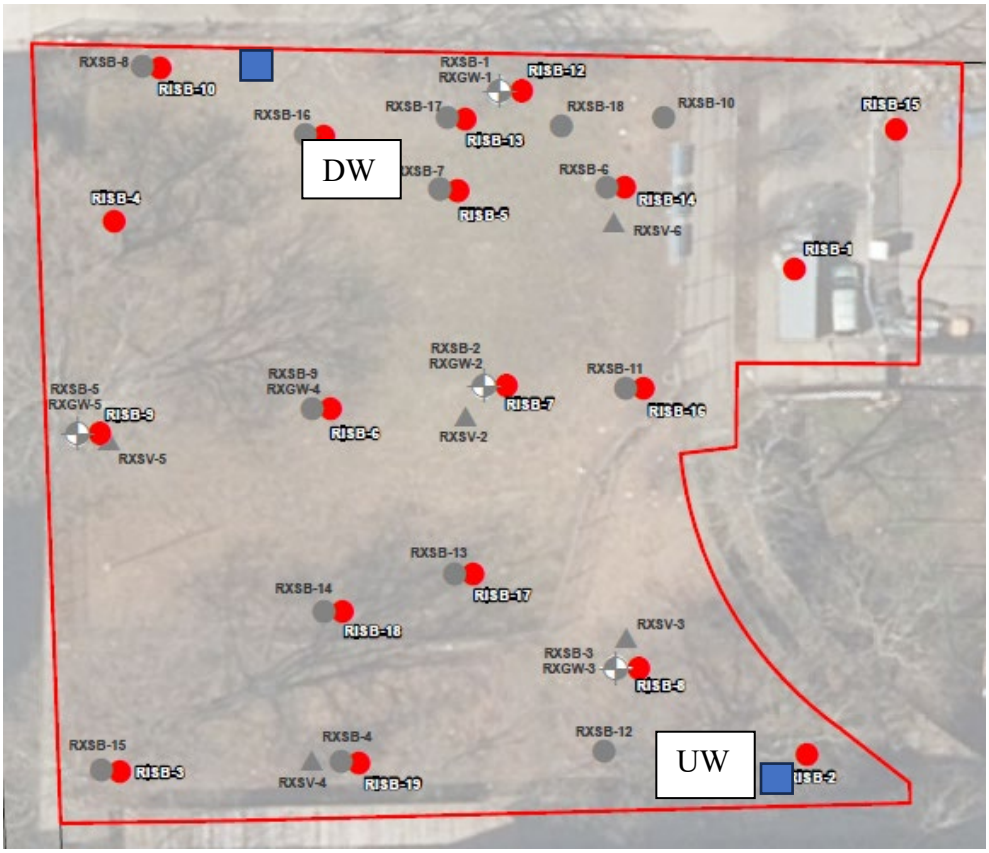
Upcoming work activities anticipated:

- Monitoring well installation utilizing auger and development of wells.
- Soil Vapor point installation utilizing the Geoprobe drill rig.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/19/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-83°F, Cloudy, RH: 79% Pres: 29.94" Wind: NNE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:00 – 16:00



Legend

CAMP Station

LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF PROPOSED SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/19/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-83°F, Cloudy, RH: 79% Pres: 29.94" Wind: NNE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:00 – 16:00

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, View of downwind CAMP station setup.



Photo 2: Looking north, Trinity drilling with auger at RIMW-5.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	09/19/2024
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 65-83°F, Cloudy, RH: 79% Pres: 29.94" Wind: NNE @ 8 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:00 – 16:00



Photo 3: Looking north, Trinity installing well cover for RIMW-2.

Approved:	Brooke Hildebrand	By:	**Mauricio Hollis**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/19/2024

Upwind Dust Meter Serial Number: **8530143605**
Downwind Dust Meter Serial Number: **8530182510**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:31 AM	NR	8:31 AM	0.030	NR	
8:46 AM	NR	8:46 AM	0.034	NR	
9:01 AM	NR	9:01 AM	0.033	NR	
9:16 AM	NR	9:16 AM	0.033	NR	
9:31 AM	NR	9:31 AM	0.035	NR	
9:46 AM	NR	9:46 AM	0.037	NR	
10:01 AM	NR	10:01 AM	0.038	NR	
10:16 AM	NR	10:16 AM	0.035	NR	
10:31 AM	NR	10:31 AM	0.035	NR	
10:46 AM	NR	10:46 AM	0.033	NR	
11:01 AM	NR	11:01 AM	0.032	NR	
11:16 AM	NR	11:16 AM	0.031	NR	
11:31 AM	NR	11:31 AM	0.033	NR	
11:46 AM	NR	11:46 AM	0.033	NR	
12:01 PM	NR	12:01 PM	0.034	NR	
12:16 PM	NR	12:16 PM	0.034	NR	
12:31 PM	0.045	12:31 PM	0.036	-0.009	
12:46 PM	0.027	12:46 PM	0.039	0.012	
1:01 PM	0.028	1:01 PM	0.041	0.013	
1:16 PM	0.025	1:16 PM	0.040	0.015	
1:31 PM	0.023	1:31 PM	0.039	0.016	
1:46 PM	0.029	1:46 PM	0.040	0.011	
2:01 PM	0.025	2:01 PM	0.040	0.015	
2:16 PM	0.027	2:16 PM	0.039	0.012	
2:31 PM	0.024	2:31 PM	0.039	0.015	
2:46 PM	0.024	2:46 PM	0.039	0.015	
3:01 PM	0.025	3:01 PM	0.038	0.013	
3:16 PM	0.029	3:16 PM	0.040	0.011	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

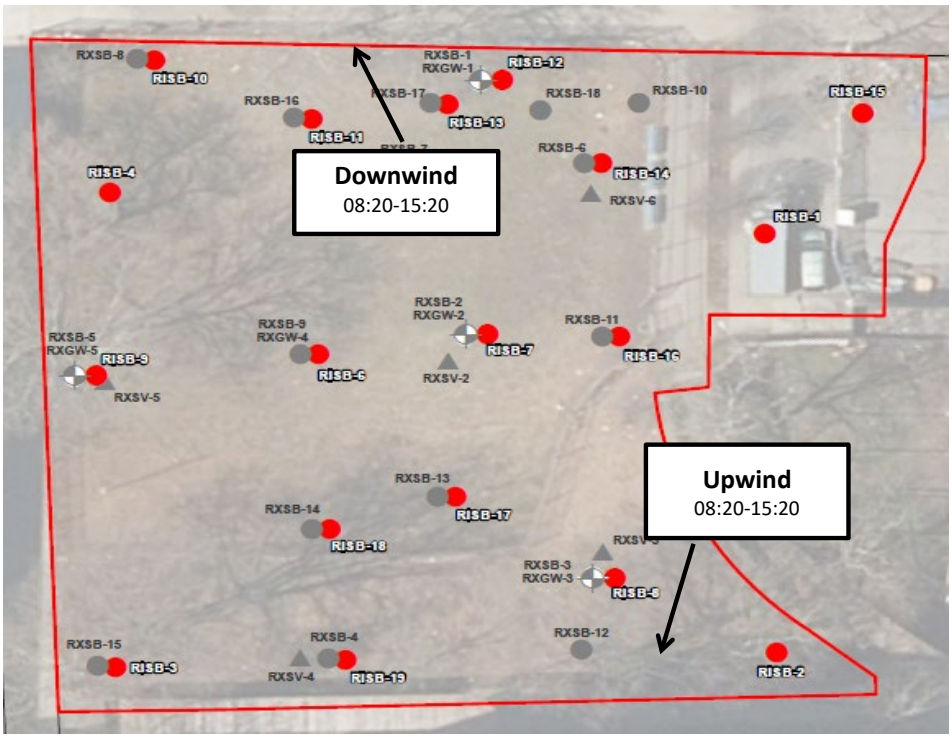
Project: Sol on Park Site (C203169) CAMP
PM: Ron Lombino
Location: 1451 Washington Avenue, Bronx, New York
Date: 9/19/2024

Upwind VOC Meter Serial Number: **592-918177**
Downwind VOC Meter Serial Number: **592-928160**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:33 AM	0.0	8:33 AM	0.0	0.00	
8:48 AM	0.0	8:48 AM	0.0	0.00	
9:03 AM	0.0	9:03 AM	0.0	0.00	
9:18 AM	0.0	9:18 AM	0.0	0.00	
9:33 AM	0.0	9:33 AM	0.0	0.00	
9:48 AM	0.0	9:48 AM	0.0	0.00	
10:03 AM	0.0	10:03 AM	0.0	0.00	
10:18 AM	0.0	10:18 AM	0.0	0.00	
10:33 AM	0.0	10:33 AM	0.0	0.00	
10:48 AM	0.0	10:48 AM	0.0	0.00	
11:03 AM	0.0	11:03 AM	0.0	0.00	
11:18 AM	0.0	11:18 AM	0.1	0.10	
11:33 AM	0.0	11:33 AM	0.1	0.10	
11:48 AM	0.0	11:48 AM	0.1	0.10	
12:03 PM	0.0	12:03 PM	0.1	0.10	
12:18 PM	0.0	12:18 PM	0.1	0.10	
12:33 PM	0.0	12:33 PM	0.1	0.10	
12:48 PM	0.0	12:48 PM	0.1	0.10	
1:03 PM	0.0	1:03 PM	0.1	0.10	
1:18 PM	0.0	1:18 PM	0.1	0.10	
1:33 PM	0.0	1:33 PM	0.1	0.10	
1:48 PM	0.0	1:48 PM	0.1	0.10	
2:03 PM	0.0	2:03 PM	0.1	0.10	
2:18 PM	0.0	2:18 PM	0.1	0.10	
2:33 PM	0.0	2:33 PM	0.1	0.10	
2:48 PM	0.0	2:48 PM	0.1	0.10	
3:03 PM	0.0	3:03 PM	0.1	0.10	
3:18 PM	0.0	3:18 PM	0.1	0.10	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

2.NR - Not Recorded



9/19/2024
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: NNE @ 8 MPH





ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/25/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 39-56°F, Cloudy, RH: 73% Pres: 30.26" Wind: SSW @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:30 – 16:30

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Fehringer Surveying	Elyssa Torres – Roux D.P.C.

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Supplemental Remedial Investigation (SRI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP), dated November 14, 2025. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Fehringer marked out soil boring locations
- Roux completed groundwater sampling at RIMW-5, and RIMW-6.

CAMP data evaluation: No intrusive work occurred therefore no CAMP was performed

Offsite Disposal: N/A

Sampling Performed:

Matrix	**Sample ID**	**Analyses**
Water	RIMW-5 RIMW-6	8270 SIM 1,4 Dioxane
Water	RIMW-5_PFAS RIMW-6_PFAS	USEPA Method 1633A (40 compound list)

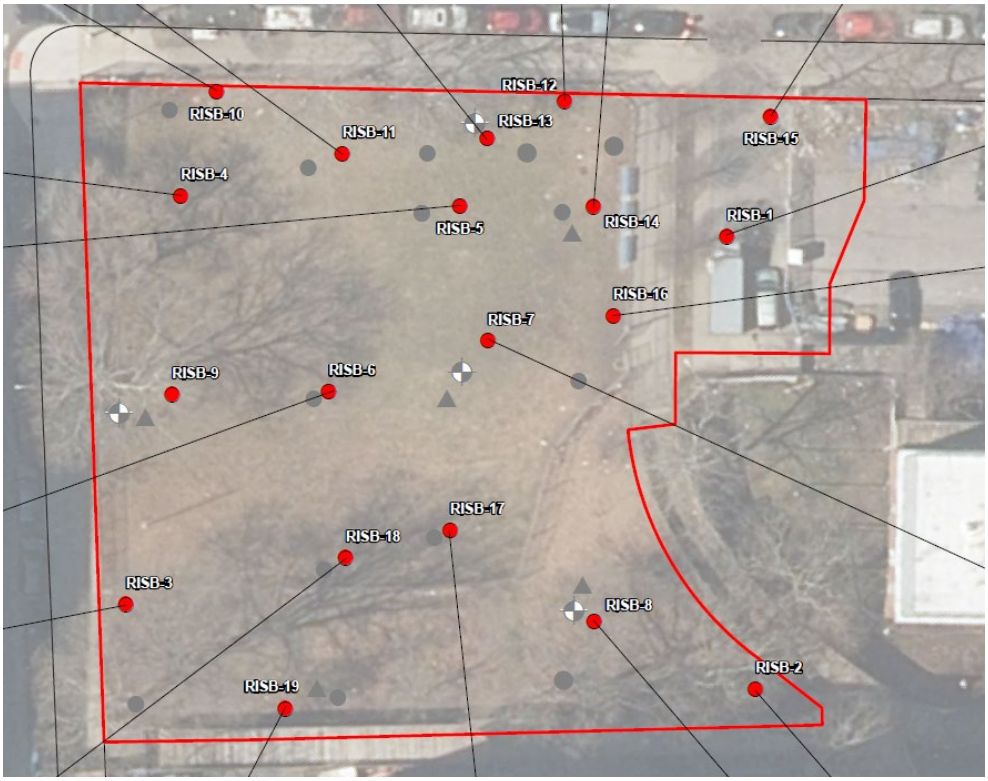
Upcoming work activities anticipated:

- Continue groundwater sampling
- Soil boring installation and sampling

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

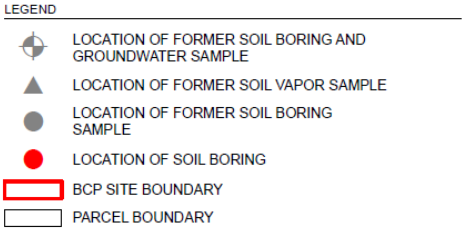
PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/25/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 39-56°F, Cloudy, RH: 73% Pres: 30.26" Wind: SSW @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:30 – 16:30



Legend

CAMP Station





Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/25/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 39-56°F, Cloudy, RH: 73% Pres: 30.26" Wind: SSW @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:30 – 16:30

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking north, view of marked out soil boring locations RISB-12, RISB-14 and monitoring well RIMW-5.



Photo 2: Looking northwest, view of RISB-15 mark out.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/26/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 45-61°F, Cloudy, RH: 94% Pres: 29.85" Wind: SW @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:15 – 14:00

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
N/A	Elyssa Torres – Roux D.P.C.

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Supplemental Remedial Investigation (SRI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP), dated November 14, 2025. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Roux completed groundwater sampling at RIMW-7, and RIMW-8.

CAMP data evaluation: No intrusive work occurred therefore no CAMP was performed.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Water	RIMW-7 RIMW-8	8270 SIM 1,4 Dioxane
Water	RIMW-7_PFAS RIMW-8_PFAS	USEPA Method 1633A (40 compound list)

Upcoming work activities anticipated:

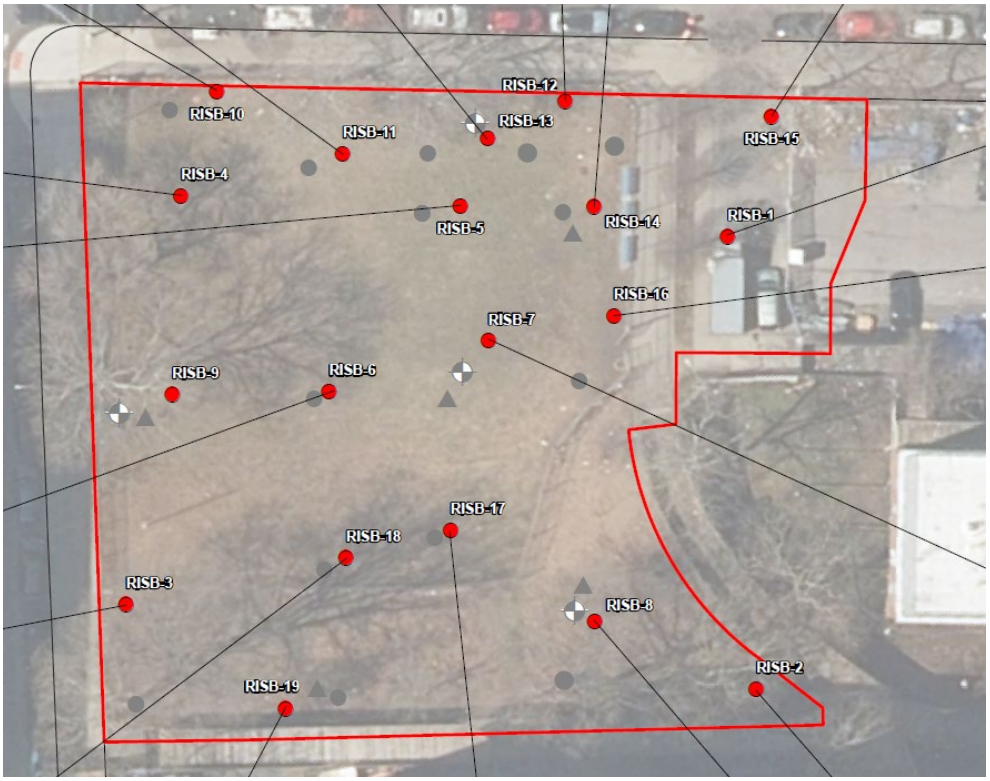
- Continue groundwater sampling
- Soil boring installation and sampling

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

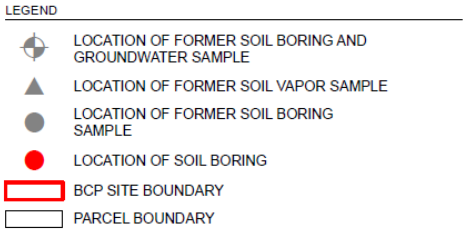
PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/26/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 45-61°F, Cloudy, RH: 94% Pres: 29.85" Wind: SW @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:15 – 14:00



Legend

CAMP Station





Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	11/26/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 45-61°F, Cloudy, RH: 94% Pres: 29.85" Wind: SW @ 4 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:15 – 14:00

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, view of Site access entrance.



Photo 2: Looking east, view of RIMW-8.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/2/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 30-42°F, Cloudy/rain, RH: 80% Pres: 30.03" Wind: NE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:50 – 16:20

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental – Joe and Spiro	Elyssa Torres – Roux Dean Gennosa – Roux

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Supplemental Remedial Investigation (SRI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP), dated November 14, 2025. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Roux completed groundwater sampling at RIMW-1, and RIMW-4.
- Trinity Environmental advanced soil borings RISB-2, RISB-3, RISB-8, RISB-18 and RISB-19.
- Roux collected soil samples at the depth intervals provided below.

CAMP data evaluation: Rainy/wintry mix conditions were present, therefore no CAMP was performed

Offsite Disposal: N/A

Sampling Performed:

Matrix	**Sample ID**	**Analyses**
Water	RIMW-1 RIMW-4 DUP_120225	8270 SIM 1,4 Dioxane
Water	RIMW-1_PFAS RIMW-4_PFAS DUP_120225_PFAS	USEPA Method 1633A (40 compound list)
Soil	RISB-2 (2-4) RISB-2 (4-6) RISB-3 (3-5) RISB-8 (6-8) RISB-8 (8-10) RISB-8 (10-12) RISB-18 (2-4) RISB-18 (4-6)	8270E TCL SVOCs +20 TICs 6020B TAL Metals 7196A Hexavalent Chromium 7196A_CR3 Trivalent Chromium 9012B Total Cyanide 7471B Total Mercury

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/2/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 30-42°F, Cloudy/rain, RH: 80% Pres: 30.03" Wind: NE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:50 – 16:20

	RISB-18 (6-8) RISB-19 (3-5)	

Upcoming work activities anticipated:

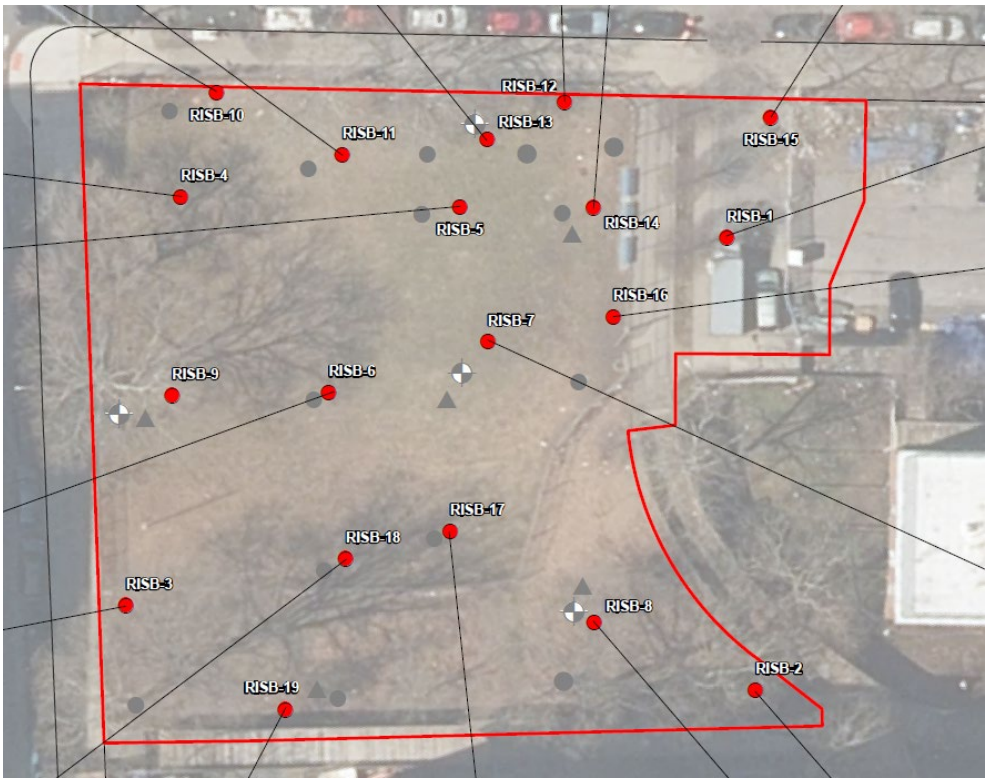
- Continue soil boring installation and sampling

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/2/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 30-42°F, Cloudy/rain, RH: 80% Pres: 30.03" Wind: NE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:50 – 16:20



Legend

CAMP Station



LEGEND

- LOCATION OF FORMER SOIL BORING AND GROUNDWATER SAMPLE
- LOCATION OF FORMER SOIL VAPOR SAMPLE
- LOCATION OF FORMER SOIL BORING SAMPLE
- LOCATION OF SOIL BORING
- BCP SITE BOUNDARY
- PARCEL BOUNDARY

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/2/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 30-42°F, Cloudy/rain, RH: 80% Pres: 30.03" Wind: NE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:50 – 16:20

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: View of soil recovered from RISB-2 from the interval 0 to 6 ft.



Photo 2: View of soil recovered from RISB-19 from the interval 0 to 4 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/2/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 30-42°F, Cloudy/rain, RH: 80% Pres: 30.03" Wind: NE @ 5 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	07:50 – 16:20



Photo 3: View of soil core recovered from RISB-18 from the interval 5 to 8 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/3/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 31-41°F, Cloudy, RH: 77% Pres: 30.01" Wind: NW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 14:40

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental – Joe and Spiro	Elyssa Torres – Roux D.P.C.

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Supplemental Remedial Investigation (SRI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP), dated November 14, 2025. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity Environmental advanced soil borings RISB-6, RISB-7, RISB-10, and RISB-17.
- Roux collected soil samples at the depth intervals provided below.

CAMP data evaluation: CAMP was performed from 8:30 to 13:40. No exceedances of VOCs or dust were detected.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-6 (2-4)	8270E TCL SVOCs +20 TICs
	RISB-6 (4-6)	6020B TAL Metals
	RISB-7 (2-4)	7196A Hexavalent Chromium
	RISB-7 (4-6)	7196A_CR3 Trivalent Chromium
	RISB-10 (3-5)	9012B Total Cyanide
	RISB-10 (5-7)	7471B Total Mercury
	RISB-17 (2-4)	
	RISB-17 (4-6)	
	RISB-17 (6-8)	
	DUP_120325	

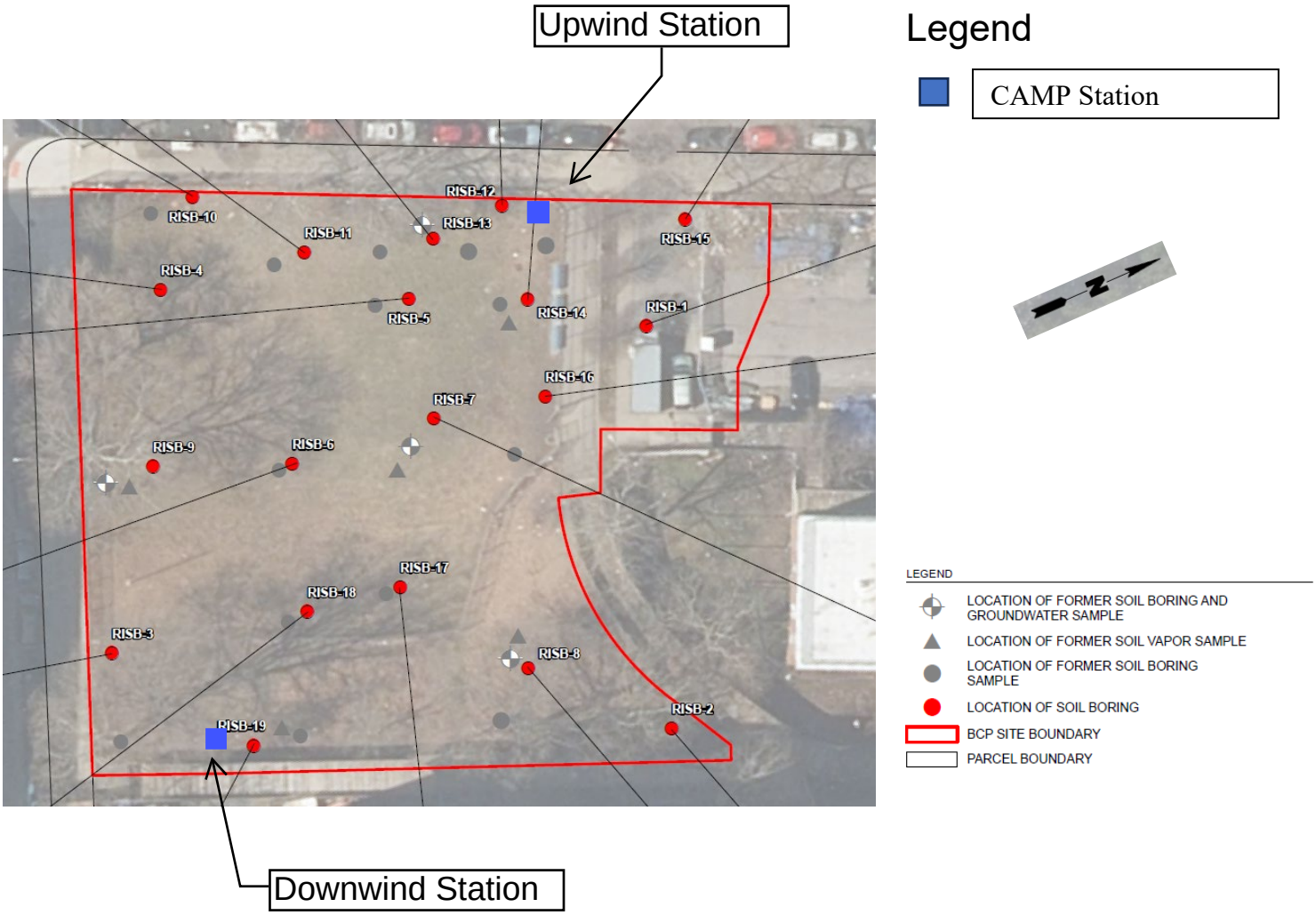
Upcoming work activities anticipated:

- Continue soil boring installation and sampling

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/3/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 31-41°F, Cloudy, RH: 77% Pres: 30.01" Wind: NW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 14:40



Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/3/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 31-41°F, Cloudy, RH: 77% Pres: 30.01" Wind: NW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 14:40

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: Looking south, view of downwind CAMP station.



Photo 2: View of soil recovered from RISB-6 from the interval 0 to 5 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/3/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 31-41°F, Cloudy, RH: 77% Pres: 30.01" Wind: NW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 14:40



Photo 3: View of soil recovered from RISB-7 from the interval 0 to 3 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Dana Hignell
Location: 1451 Washington Avenue, Bronx, New York
Date: 12/3/2025

Upwind Dust Meter Serial Number: 8530183301
Downwind Dust Meter Serial Number: **8530153306**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
9:03 AM	0.029	8:49 AM	0.027	-0.002	
9:18 AM	0.021	9:04 AM	0.028	0.007	
9:33 AM	0.010	9:19 AM	0.014	0.004	
9:48 AM	0.011	9:34 AM	0.016	0.005	
10:03 AM	0.010	9:49 AM	0.015	0.005	
10:18 AM	0.009	10:04 AM	0.014	0.005	
10:33 AM	0.010	10:19 AM	0.015	0.005	
10:48 AM	0.009	10:34 AM	0.014	0.005	
11:03 AM	0.009	10:49 AM	0.015	0.006	
11:18 AM	0.008	11:04 AM	0.015	0.006	
11:33 AM	0.008	11:19 AM	0.014	0.006	
11:48 AM	0.010	11:34 AM	0.016	0.006	
12:03 PM	0.009	11:49 AM	0.015	0.006	
12:18 PM	0.009	12:04 PM	0.015	0.006	
12:33 PM	0.009	12:19 PM	0.018	0.008	
12:48 PM	0.009	12:34 PM	0.015	0.006	
1:03 PM	0.009	12:49 PM	0.014	0.006	
1:18 PM	0.007	1:04 PM	0.013	0.006	
1:33 PM	0.007	1:19 PM	0.013	0.006	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

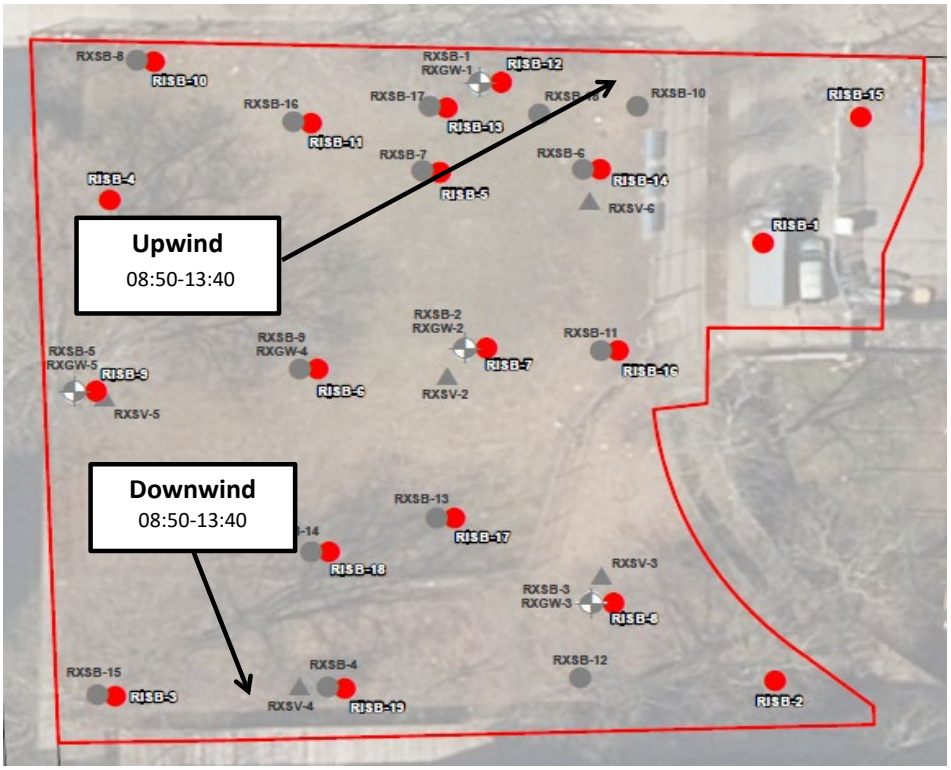
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Dana Hignell
Location: 1451 Washington Avenue, Bronx, New York
Date: 12/3/2025

Upwind VOC Meter Serial Number: **592-912853**
Downwind VOC Meter Serial Number: **592-910659**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:50 AM	0.0	8:50 AM	0.0	0.00	
9:05 AM	0.0	9:05 AM	0.0	0.01	
9:20 AM	0.0	9:20 AM	0.1	0.09	
9:35 AM	0.0	9:35 AM	0.1	0.10	
9:50 AM	0.0	9:50 AM	0.1	0.10	
10:05 AM	0.0	10:05 AM	0.1	0.09	
10:20 AM	0.1	10:20 AM	0.1	0.01	
10:35 AM	0.1	10:35 AM	0.1	0.00	
10:50 AM	0.1	10:50 AM	0.1	0.00	
11:05 AM	0.1	11:05 AM	0.1	0.00	
11:20 AM	0.1	11:20 AM	0.1	0.00	
11:35 AM	0.1	11:35 AM	0.1	0.00	
11:50 AM	0.1	11:50 AM	0.1	0.00	
12:05 PM	0.1	12:05 PM	0.1	0.00	
12:20 PM	0.1	12:20 PM	0.1	0.00	
12:35 PM	0.1	12:35 PM	0.1	0.00	
12:50 PM	0.1	12:50 PM	0.1	0.00	
1:05 PM	0.1	1:05 PM	0.1	0.00	
1:20 PM	0.1	1:20 PM	0.1	0.00	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.



12/3/2025
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: NW @ 6 MPH



ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/4/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 20-42°F, Cloudy, RH: 77% Pres: 30.01" Wind: WSW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 17:10

CONTRACTOR AND EQUIPMENT	**PERSONNEL PRESENT AT SITE AND AFFILIATION:**
Trinity Environmental – Joe and Spiro	Elyssa Torres – Roux D.P.C.

SCOPE OF WORK:

Roux D.P.C. (Roux) was onsite to complete implementation of the Supplemental Remedial Investigation (SRI) field work in accordance with the New York State Department of Environmental Conservation (NYSDEC)-approved Supplemental Remedial Investigation Work Plan (SRIWP), dated November 14, 2025. Roux implemented the Community Air Monitoring Plan (CAMP) during all outdoor intrusive activities.

Description of work activities performed and general observations/comments:

- Trinity Environmental advanced soil borings RISB-5, RISB-13, RISB-14 and RISB-15.
- Roux collected soil samples at the depth intervals provided below.

CAMP data evaluation: CAMP was performed from 8:30 to 14:50. No exceedances of VOCs or dust were detected.

Offsite Disposal: N/A

Sampling Performed:

Matrix	Sample ID	Analyses
Soil	RISB-5 (0-2) RISB-5 (2-4) RISB-5 (4-6) RISB-5 (6-8) RISB-5 (8-10) DUP_120425	8260D TCL VOCs+10 TICs 8082A PCBs 8081B Pesticides 8151A Herbicides 8270E TCL SVOCs +20 TICs 6020B TAL Metals 7196A Hexavalent Chromium 7196A_CR3 Trivalent Chromium 9012B Total Cyanide 7471B Total Mercury
Soil	RISB-13 (2-4) RISB-13 (4-6) RISB-13 (6-8) RISB-13 (8-10) RISB-13 (10-12) RISB-14 (3-5) RISB-14 (5-7)	8270E TCL SVOCs +20 TICs 6020B TAL Metals 7196A Hexavalent Chromium 7196A_CR3 Trivalent Chromium 9012B Total Cyanide 7471B Total Mercury

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/4/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 20-42°F, Cloudy, RH: 77% Pres: 30.01" Wind: WSW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 17:10

	RISB-14 (7-9) RISB-15 (9-11) RISB-15 (11-13)	
Soil	RISB-5 (0-2)_PFAS RISB-5 (2-4)_PFAS RISB-5 (4-6)_PFAS RISB-5 (6-8)_PFAS RISB-5 (8-10)_PFAS DUP_120425_PFAS	USEPA Method 1633A (40 compound list)

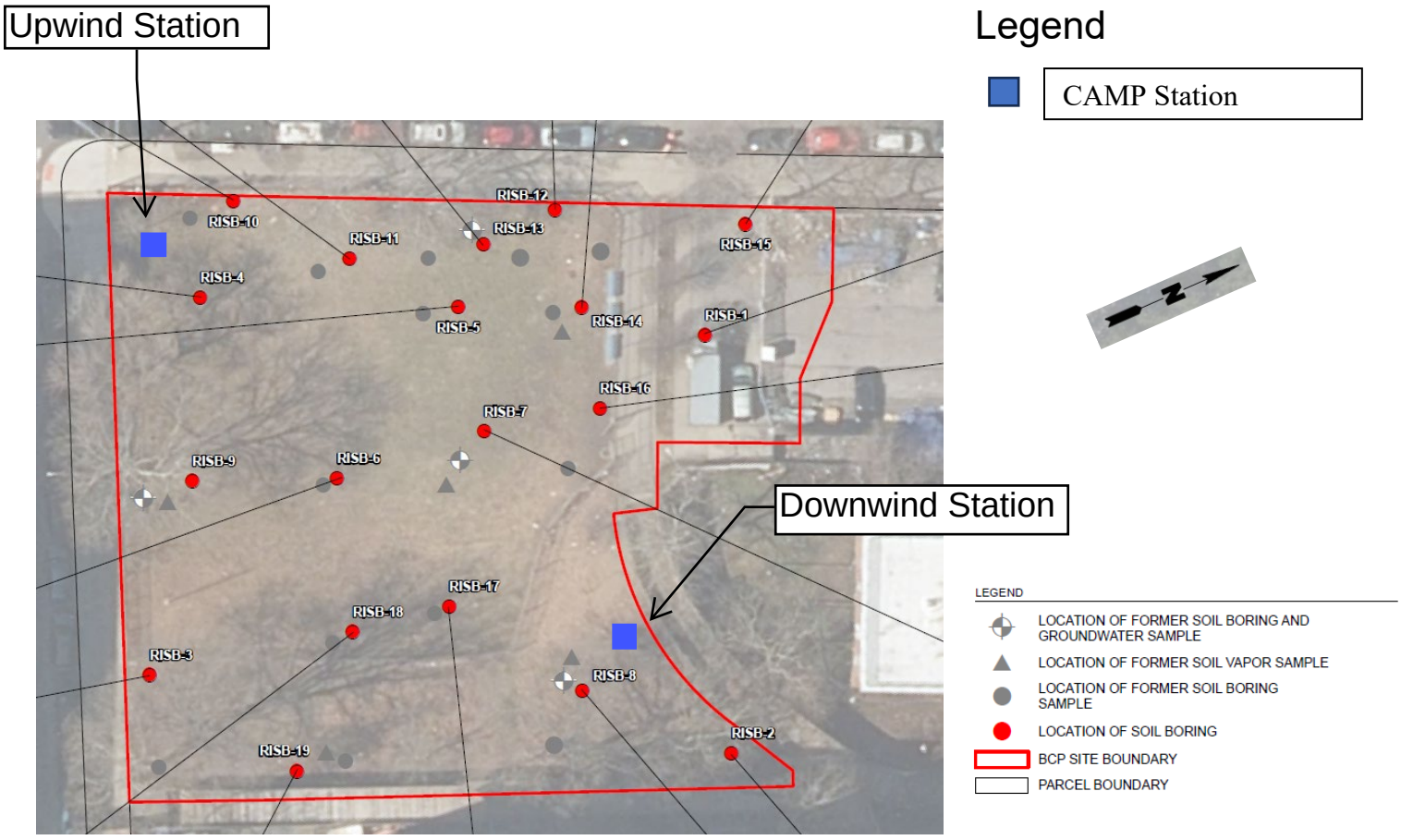
Upcoming work activities anticipated:

- None

Approved:	Dana Hignell	By:	**Elyssa Torres** **ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.**

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/4/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 20-42°F, Cloudy, RH: 77% Pres: 30.01" Wind: WSW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 17:10



Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/4/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 20-42°F, Cloudy, RH: 77% Pres: 30.01" Wind: WSW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 17:10

PHOTOGRAPHS TAKEN TODAY: 1451 Washington Ave



Photo 1: View of soil recovered from RISB-5 from the interval 0 to 5 ft.



Photo 2: View of soil recovered from RISB-15 from the interval 5 to 13 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

ROUX

DAILY SITE FIELD ACTIVITY REPORT

PROJECT NO.:	2908.0011Y000	**CLIENT:**	**DATE:**	12/4/2025
PROJECT:	Sol on Park Site (C203169) CAMP	NRP Holdings LLC	**WEATHER:**	Temp: 20-42°F, Cloudy, RH: 77% Pres: 30.01" Wind: WSW @ 6 mph
LOCATION:	1451 Washington Avenue, Bronx, New York		**TIME:**	08:20 – 17:10

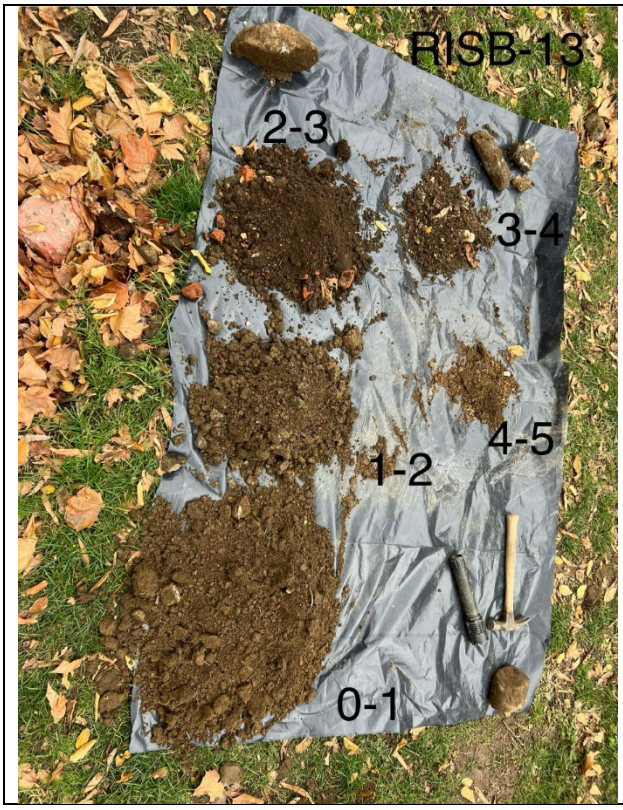


Photo 3: View of soil recovered from RISB-13 from the interval 0 to 5 ft.

Approved:	Dana Hignell	By:	**Elyssa Torres**
			ROUX ENVIRONMENTAL ENGINEERING AND GEOLOGY, D.P.C.

Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - Dust

Project: Sol on Park Site (C203169) CAMP
PM: Dana Hignell
Location: 1451 Washington Avenue, Bronx, New York
Date: 12/4/2025

Upwind Dust Meter Serial Number: 8530153306
Downwind Dust Meter Serial Number: **8530183301**

Upwind		Downwind		Corrected Downwind	Comments
Time	Concentration [mg/m3]	Time	Concentration [mg/m3]	Concentration [mg/m3]	
8:34 AM	0.113	8:33 AM	0.135	0.022	
8:49 AM	0.067	8:48 AM	0.061	-0.007	
9:04 AM	0.047	9:03 AM	0.035	-0.013	
9:19 AM	0.048	9:18 AM	0.034	-0.013	
9:34 AM	0.048	9:33 AM	0.035	-0.013	
9:49 AM	0.048	9:48 AM	0.036	-0.012	
10:04 AM	0.047	10:03 AM	0.035	-0.011	
10:19 AM	0.048	10:18 AM	0.037	-0.012	
10:34 AM	0.046	10:33 AM	0.034	-0.012	
10:49 AM	0.045	10:48 AM	0.033	-0.012	
11:04 AM	0.043	11:03 AM	0.030	-0.013	
11:19 AM	0.040	11:18 AM	0.029	-0.011	
11:34 AM	0.038	11:33 AM	0.027	-0.011	
11:49 AM	0.039	11:48 AM	0.027	-0.012	
12:04 PM	0.037	12:03 PM	0.026	-0.011	
12:19 PM	0.036	12:18 PM	0.025	-0.010	
12:34 PM	0.034	12:33 PM	0.024	-0.010	
12:49 PM	0.033	12:48 PM	0.023	-0.009	
1:04 PM	0.030	1:03 PM	0.020	-0.010	
1:19 PM	0.000	1:18 PM	0.000	0.000	
1:34 PM	0.000	1:33 PM	0.000	0.000	
1:49 PM	0.000	1:48 PM	0.000	0.000	
2:04 PM	0.000	2:03 PM	0.000	0.000	
2:19 PM	0.000	2:18 PM	0.000	0.000	
2:34 PM	0.000	2:33 PM	0.000	0.000	
2:49 PM	0.000	2:48 PM	0.000	0.000	

Notes:

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.

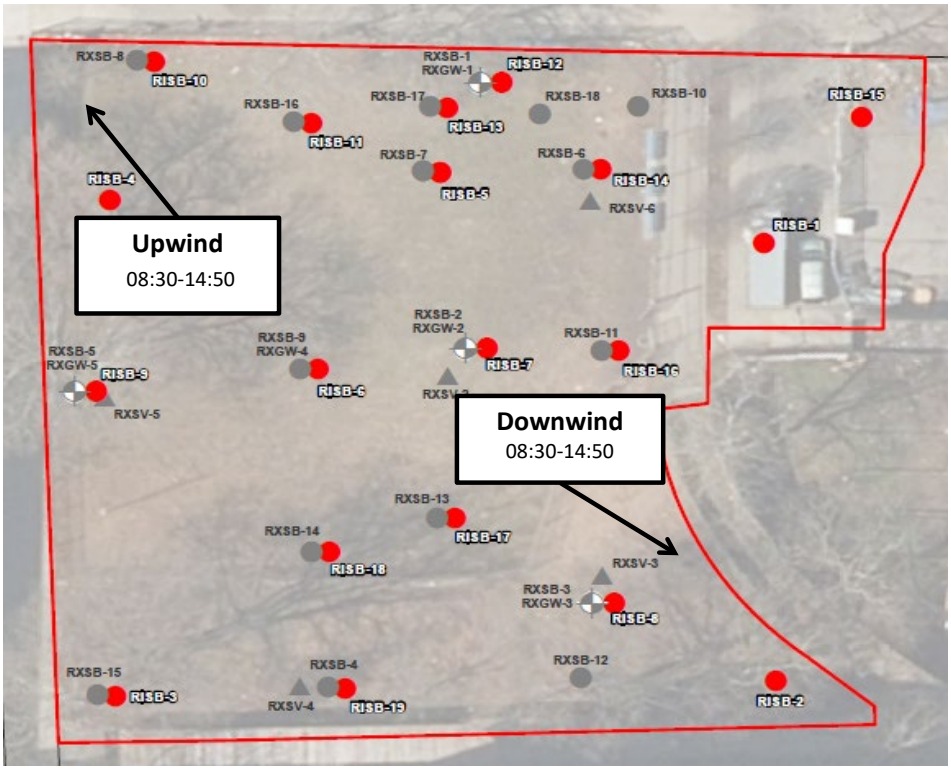
Roux Environmental Engineering and Geology, D.P.C.
Community Air Monitoring Program - VOC

Project: Sol on Park Site (C203169) CAMP
PM: Dana Hignell
Location: 1451 Washington Avenue, Bronx, New York
Date: 12/4/2025

Upwind VOC Meter Serial Number: **592-912853**
Downwind VOC Meter Serial Number: **592-910659**

Upwind		Downwind		Corrected[1] Downwind	Comments
Time	VOC Average (ppm)	Time	VOC Average (ppm)	VOC Average (ppm)	
8:48 AM	0.0	8:48 AM	0.0	0.00	
9:03 AM	0.0	9:03 AM	0.0	0.00	
9:18 AM	0.1	9:18 AM	0.0	-0.10	
9:33 AM	0.1	9:33 AM	0.0	-0.10	
9:48 AM	0.1	9:48 AM	0.0	-0.10	
10:03 AM	0.1	10:03 AM	0.0	-0.10	
10:18 AM	0.1	10:18 AM	0.0	-0.10	
10:33 AM	0.2	10:33 AM	0.0	-0.20	
10:48 AM	0.2	10:48 AM	0.0	-0.20	
11:03 AM	NM	11:03 AM	0.0	0.00	Upwind PID powered off due to low power
11:18 AM	NM	11:18 AM	0.0	0.00	
11:33 AM	NM	11:33 AM	0.0	0.00	
11:48 AM	NM	11:48 AM	0.0	0.00	
12:03 PM	NM	12:03 PM	0.0	0.00	
12:18 PM	NM	12:18 PM	0.0	0.00	
12:33 PM	NM	12:33 PM	0.0	0.00	
12:48 PM	NM	12:48 PM	0.1	0.10	
1:03 PM	NM	1:03 PM	0.0	0.00	
1:18 PM	NM	1:18 PM	0.1	0.10	
1:33 PM	NM	1:33 PM	0.1	0.10	
1:48 PM	NM	1:48 PM	0.1	0.10	
2:03 PM	NM	2:03 PM	0.1	0.10	
2:18 PM	NM	2:18 PM	0.1	0.10	
2:33 PM	NM	2:33 PM	0.1	0.10	
2:48 PM	NM	2:48 PM	0.1	0.10	

1. Corrected downwind concentration is based on the difference of the upwind meter concentration and respective downwind meter location.



12/4/2025
1451 Washington Avenue
Sol on Park Site (C203169)
CAMP

MEAN WIND DIRECTION
Morning: WSW @ 6 MPH



APPENDIX D

Data Usability Summary Reports

Data Validation Services

120 Cobble Creek Road P. O. Box
208 North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

November 16, 2024

Brooke Hildebrand
Roux Environmental Engineering and Geology, D. P. C.
209 Shafter St
Islandia, NY 11747

RE: Sol on Park, 1451 Washington Ave, Bronx, NY Site
Data Usability Summary Report (DUSR) Validation Review
Pace/Alpha SDG Nos. L2450325, L2450400, L2450751, L2451141, L2451408, L2451417, L2451773, L2451795, L2452427, L2452434, L2452852, L2452871, L2453358, L2453625, L2456724, L2456731, L2456805, and L2456969

Dear Ms. Hildebrand:

Review has been completed for the data packages generated by Pace/Alpha Analytical that pertain to samples collected between 09/04/24 and 10/01/24 at the Sol on Park site. Forty one soil samples and six aqueous samples, three soil field duplicates, and one aqueous field duplicate were processed for TCL and NYCRR Part 375 CP-51 (CP-51) volatiles, TCL and CP-51 semivolatiles, Tentatively Identified Compounds (TICs), 1,4-dioxane, TCL Aroclor PCBs (PCBs), TCL pesticides, TCL herbicides, TAL metals, and hexavalent chromium. Thirteen soil samples and two aqueous samples, and an aqueous field duplicate were processed for per- and polyfluoroalkyl substances (PFAS). Three soil samples were processed for TAL metals; two of those were also processed for TCL and CP-51 semivolatiles. The soil samples, two of the aqueous samples, and the field duplicates were also processed for 1,4-dioxane. The aqueous samples were also processed for TAL metals on the filtrate and for total cyanide. Seven 6 L summa canisters and a field duplicate were processed for volatile analytes. Field and trip blanks were also processed. The analytical methodologies are those of the USEPA SW846, USEPA Method TO-15, and USEPA Draft Method 1633.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Field/Equipment/Trip/Method/Preparation/Calibration Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)

* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c). Documentation of the outlying parameters cited in this report can be found in the laboratory data packages.

In summary, results for the samples are usable either as reported or with minor qualification, with the exceptions of the following results that are rejected and not usable:

- Semivolatile analytes that show no detection in two samples due to outlying holding time
- 1,4-Dioxane derived from the volatile fraction due to poor relative instrument response; those derived from the semivolatile fraction are acceptable
- Hexachlorocyclopentadiene in thirteen soil samples and a field duplicate due to processing
- 4,6-Dinitro-2-methylphenol in eight soil samples due to processing

Data completeness, accuracy, precision, representativeness, reproducibility, sensitivity, and comparability are acceptable. There is a data gap for location RISB-5_0-2, as no results are available for that sample.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included in this report are the client EDDs with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

RISB-5_0-2 was entered onto the custody form, but not processed or reported. There is no comment in the data package login form or laboratory case narrative regarding that omission.

The canister ID for DUP_10012024_1 was incorrectly noted on the custody form, and resolved at sample receipt.

TB-09182024 was reported by the laboratory as “TRIP BLANK”

Custody transfer entries were in some instances incomplete as regards dates and/or times, and a downarrow was omitted for samples collected 10/01/23.

Blind Field Duplicates

The blind field duplicate evaluations were performed at locations RISB-3_0-2, RISB-10_0-2, RISB-18_8-10, RIMW-1, and RISV-7. All target analytes were evaluated for the aqueous and soil vapor matrix; all analytes except PFAS were evaluated for the soil matrix. Although no soil PFAS field duplicate evaluation is available, matrix spike accuracy and precision were within guidelines.

Correlations fall within validation guidelines, with the exceptions of the following, results for which have been qualified as estimated in that parent sample and its field duplicate:

- Benzo(b)fluoranthene, fluoranthene, phenanthrene, pyrene, barium, calcium, magnesium, and zinc in RISB-3_0-2
- Phenanthrene in RISB-10_0-2

- Aluminum, barium, chromium, cobalt, copper, iron, magnesium, manganese, potassium, and zinc in RISB-18_8-10
- Pyrene in RIMW-1
- trans-1,2-Dichloroethene and tetrahydrofuran in RISV-7

TCL and CP-51 Volatile Analyses by EPA 8260D

Toluene was detected in RISB-2_7-9_091724, RISB-3_5-7_091724, and RISB-5_17-19_091724 at concentrations of approximately 3 ug/kg, three times the reporting limits. The laboratory case narrative states that those detections are likely due to certified container contamination. Those three detected values have been qualified as estimated, with a high bias. The concentration values can also be considered as adjusted reporting limits, as it can be said that toluene is not present at higher concentrations than those values.

Matrix spike evaluations performed on RISB-13_0-2 and RISB-19_0-2 exhibited significant matrix effects, resulting in qualification of thirty-nine and thirty-four analytes, respectively, as estimated, with a low bias.

Matrix spikes were also performed on RISB-19_5-7 and RIMW-6, and show recoveries and correlations that are within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated parent sample:

Parent Sample	Analyte	Outlying % Recoveries	Outlying %RPD
RISB-19_5-7	Vinyl acetate	33,43	
	n-Butylbenzene	66	42
	Hexachlorobenzene	56	49
	p-Diethylbenzene	66	41
	1,2,4,5-Tetramethylbenzene	68	37
RIMW-6	Acetone	180,160	

LCS recoveries are within validation guideline with the following exceptions, results for which are qualified as estimated in the indicated associated samples:

Associated Sample	Analyte	Outlying % Recoveries	Outlying %RPD
FB_09042024	Bromomethane	31	49
	Naphthalene	55	28
FB_09092024	2-Hexanone	52,56	
All soils reported in SDG L2452852	Bromomethane	56,56	
All soils reported in SDG L2453625	Bromomethane	53,53	

Results for 1,4-dioxane in the samples are rejected due to poor instrument relative response (RRF < 0.01). Other calibration standards show responses within validation guidelines, with the exceptions of the following, the results for which have been qualified as estimated in the indicated associated samples:

- Bromomethane, 1,2,4,5-tetramethylbenzene, 1,2,4-trichlorobenzene, naphthalene, and 1,2,3-trichlorobenzene (22%D to 70%D) in FB_09042024
- Ethyl ether, dibromomethane, trans-1,3-dichloropropene, 1,1,2-trichloroethane, 1,3-dichloropropane, bromoform, 1,1,2,2-tetrachloroethane, and 1,2,3-trichloropropane (21%D to 27%D) in all soils reported in SDG L2451141
- Acrylonitrile, 2-hexanone, trans-1,4-dichloro-2-butene, and naphthalene (25%D to 48%D) in FB_09092024
- Vinyl chloride, bromomethane, and tetrachloroethene (21%D to 42%D) in RISB-12_4-6, RISB-13_17-19, RISB-14_9-11, RISB-14_13-15, RISB-11_13-15, RISB-10_7-9, RISB-10_17-19, TB_09092024, and RISB-13_19-21
- 1,1-Dichloroethene and bromoform (24%D to 26%D) in all soils reported in SDG L2451795
- Ethyl ether, vinyl acetate, styrene, and bromoform (21%D to 26%D) in FB_09122024
- Vinyl chloride and bromomethane (26%D to 44%D) in all samples reported in SDG L2452852
- Dichlorodifluoromethane, vinyl chloride, bromomethane, 1,1-dichloroethene, 1,1-dichloropropene, and tetrachloroethene (22%D to 47%D) in all soils reported in SDG L2453625
- Acrylonitrile, vinyl acetate, and trans-1,4-dichloro-2-butene (22%D to 34%D) in FB_10012024 and TB_10012024
- Bromoform and naphthalene (23%D) in RIMW-1, RIMW-6, RIMW-5, RIMW-7, RIMW-4, RIMW-8, and DUP_10012024_2

TICs that are also present in associated blanks are removed from consideration as sample components.

TCL and CP-51 Semivolatile Analyses by EPA8270E

RISB-15_7-9 and RISB-8_4-6 were initially placed on hold, and released from hold 25 and 19 days after collection. The extractions were therefore performed well beyond the allowable holding time, and the results for analytes reporting non-detection are therefore rejected. The detected values are qualified as estimated, with a low bias that may be significant.

Due to lack of recovery in associated LCSs, the following results are rejected in the indicated associated samples:

- Hexachlorocyclopentadiene and 4,6-dinitro-2-methylphenol in soils reported in SDG L2451417
- Hexachlorocyclopentadiene in soils reported in SDG L2451795
- Benzoic acid in FB_09042024

The following results are qualified as estimated due to low recoveries in the associated LCSs:

- Hexachlorocyclopentadiene (29% to 37%) in soil samples reported in SDG L2450751, L2452427, and L2452852
- 2-Hexanone in FB_09092024

Matrix spikes were performed on RISB-13_0-2, RISB-19_0-2, RISB-19_5-7, and RIMW-6. Results for the benzoic acid in RISB-13_0-2 and RISB-19_5-7 are rejected in those parent samples due to lack of recovery in those matrix spikes.

Benzoic acid, 2,4-dinitrophenol, and 4,6-dinitro-2-methylphenol failed to recover in the matrix spikes of RISB-19_0-2; however, they were processed at fivefold dilution, and the results in the parent sample are therefore qualified as estimated, with a low bias.

The following additional recovery/precision outliers were noted, and results for the noted analytes have been qualified as estimated in the indicated parent sample:

Parent Sample	Analyte	Outlying % Recoveries	Outlying %RPD
RISB-13_0-2	Fluoranthene	0,0	
	Hexachlorocyclopentadiene	36,21	55
	Benzo(a)anthracene	27,0	
	Benzo(a)pyrene	34,14	
	Benzo(b)fluoranthene	27,0	
	Chrysene	34,14	
	Phenanthrene	0,0	
	Pyrene	0,0	
RISB-19_5-7	bis(2-Chloroisopropyl)ether	36,29	

Due to presence in the associated blanks, the following detected results are considered external contamination and are either edited to non-detection (for those with concentrations below the RL) or qualified as estimated with a high bias (for those above the RL): Fluoranthene and hexachlorobenzene in samples reported in L2456731.

Calibration standards show responses within validation guidelines, with the exceptions of the following, the results for which have been qualified as estimated in the indicated associated samples:

- 2,4-Dimethylphenol and fluorene (21%D and 33%D) in FB_09042024
- Hexachlorocyclopentadiene (42%D) in all soils reported in SDG L2450751
- Phenol, bis(2-chloroethyl) ether, n-nitrosodi-n-propylamine, and bis(2-chloroethoxy)methane (22%D to 23%D) in FB_09092024
- bis(2-Chloroethyl)ether, bis(2-chloroisopropyl)ether, n-nitrosodi-n-propylamine, nitrobenzene, and bis(2-chloroethoxy)methane (22%D to 44%D) in FB_09122024
- bis(2-Chloroisopropyl)ether (48%D) in RISB-18_8-10, DUP_09122024, and RISB-19_5-7

TICs that are also present in associated blanks are removed from consideration as sample components.

Pesticides, Herbicides, and Aroclor PCB Analyses by USEPA 8081B, 8082A, and 8151A

Some of the detected pesticide results exhibit elevated dual column quantitative correlations, and are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J"), qualified as tentative in identification and estimated in value ("NJ"), or edited to non-detection ("U"), depending on the degree of variance.

It is noted that, in some cases, the laboratory reports detections for analytes that did not show responses above the MDL on the secondary/confirmation column. These have been corrected to non-detection during validation review.

Matrix spikes were performed for pesticides, herbicides, and Aroclors 1016/1260 on RISB-13_0-2, RISB-19_0-2, RISB-19_5-7, and RIMW-6. Recoveries and correlations are within validation guidelines.

Surrogate and internal standard recoveries are within validation guidelines. LCS recoveries are within required ranges. Calibration standards show responses within validation guidelines. Blanks show no contamination.

PFAS by EPA Draft Method 1633

Results for 4:2-FTS, FOSA, NMeFOSAA, NEt-FOSAA, NMeFOSE, and NEtFOSE in RISB-13_17-19 are derived from a reextraction with a lower sample quantity. The associated isotopic dilution standards did not recover in the initial extract, indicating a matrix effect. The reporting limits for those compounds are therefore approximately four times higher than otherwise.

Due to outlying ion ratios, the following results have been qualified as a estimated maximum possible concentration: PFDA in RIMNW-1_P and PFHpS in DUP_10012024_2_P.

Matrix spike evaluations of RISB-2_0-2_P and RIMW-6_P show recoveries and correlations within validation guidelines, with the following exceptions, the results for which are qualified as estimated in the indicated parent samples:

Internal standard recoveries are within validation guidelines. Calibration standard responses are compliant.

TAL Metals by EPA 6010D, 6020B, 7470A, and 7471B

Due to presence in the associated blanks, the following detected results are considered external contamination and are either edited to non-detection (for those with concentrations below the RL) or qualified as estimated with a high bias (for those above the RL):

- Arsenic, antimony, and thallium in samples reported in SDG L2456731
- Barium in the dissolved fraction of RIMW-6
- Antimony in RIMW-1, RKMW-6, DUP_10012024, and detections of soils in SDG l2451795
- Arsenic in RISB-4_20-22, RISB-7_19-21, and RISB-17_12-14

Matrix spikes were performed on RISB-13_0-2, RISB-19_0-2, RISB-19_5-7, RISB-12_4-6, and the total and dissolved fractions of RIMW-6, and show recoveries and correlations within validation guidelines, with the following exceptions, results for which are qualified as estimated in the indicated parent sample:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD's
RISB-13_0-2	Lead	47,73	
	Zinc	39,74	
RISB-19_0-2	Nickel	131	29
	Potassium	130,134	
RISB-19_5-7	Potassium	132,130	

The ICP serial dilutions performed on RISB-13_0-2, RISB-12_4-6, RISB-19_0-2, RISB-19_5-7, and the total and dissolved fractions of RIMW-6 show correlations within validation guidelines.

Calibration and low level standard responses are compliant.

Total Cyanide and Hexavalent Chromium Analyses by EPA 7196 and 9012

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy and precision, etc., as applicable to each procedure. All were found acceptable for the validated sample, unless noted specifically within this text.

Matrix spike recovery and/or duplicate correlation evaluations were performed as follows:

- Hexavalent chromium in RISB-13_0-2, DUP_09052024, RISB-15_0-2, RISB-12_4-6, RISB-19_0-2, RISB-19_5-7, RISB-4_20-22, RISB-2_7-9, RISB-1_5-7, and RIMW-6
- Total cyanide on RIMW-6

Recoveries and correlations are within validation guidelines.

LCS recoveries are within validation guidelines, with the exception of the hexavalent chromium elevated recovery in the LCS associated RISB-9_2-4 and low recoveries (74% to 78%) in the LCSs associated with the soils reported in SDGs L2452427, L2452852, and L2453625. The results for that analyte in those samples have been qualified as estimated.

Total and dissolved fraction concentrations correlate well, with the exception of results for copper in RIMW-5. The results for that element in both fractions of that sample have therefore been qualified as estimated in value.

Blanks show no contamination.

Volatile Analyses by EPA TO-15

The detection response of chlorobenzene in RISV-7 includes significant matrix interference in the mass fragment ion used to quantify/calculate the reported concentration. This is evident in the mass spectrum and ion plot of that response. Insufficient information is available in the data package that would allow for quantitation using a secondary ion. The reported result for chlorobenzene in RISV-7 has been edited to reflect non-detection at an adjusted reporting limit corresponding to the originally reported concentration, which is almost six times that of the original analyte reporting limit. However, raw data proportions indicate the potential for the use of the original reporting limit, which the laboratory could confirm from the existing data file (using the secondary ion) if that limit is of concern.

Holding times were met, internal standard responses are compliant, and instrument tunes meet fragmentation requirements.

The laboratory duplicate of RISV-4 shows correlations within validation guidelines. LCSs show compliant recoveries. Method and canister blanks show no contamination.

Initial and continuing calibration standard (ICV and CCV) linearity and calibration verification responses were compliant.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

Judy Harry

Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified Laboratory EQuIS EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2450325
Report Date: 09/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2450325-01	RISB-14_0-2_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/04/24 10:00	09/04/24
L2450325-02	RISB-4_0-2_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/04/24 14:05	09/04/24
L2450325-03	FB_09042024_P	WATER	1451 WASHINGTON AVE, BRONX, NY	09/04/24 13:00	09/04/24

Project Name:	NRP SOL ON PARK	**Lab Number:**	L2450400
Project Number:	2908.0011Y000	**Report Date:**	09/11/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2450400-01	RISB-14_0-2	SOIL	1451 WASHINGTON AVE, BRONX NY	09/04/24 09:45	09/04/24
L2450400-02	RISB-13_0-2	SOIL	1451 WASHINGTON AVE, BRONX NY	09/04/24 10:30	09/04/24
L2450400-03	RISB-12_0-2	SOIL	1451 WASHINGTON AVE, BRONX NY	09/04/24 12:45	09/04/24
L2450400-04	RISB-12_2-4	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/04/24 12:55	09/04/24
L2450400-05	RISB-11_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/04/24 13:20	09/04/24
L2450400-06	RISB-4_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/04/24 14:00	09/04/24
L2450400-07	TB_09042024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/04/24 12:00	09/04/24
L2450400-08	FB_09042024	FIELD BLANK	1451 WASHINGTON AVE., BRONX, NY	09/04/24 12:00	09/04/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2450751
Report Date: 09/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2450751-01	RISB-10_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 09:00	09/05/24
L2450751-02	RISB-5_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 09:45	09/05/24
L2450751-03	DUP_09052024	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 12:00	09/05/24
L2450751-04	RISB-7_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 10:45	09/05/24
L2450751-05	RISB-6_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 11:30	09/05/24
L2450751-06	RISB-9_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 12:15	09/05/24
L2450751-07	RISB-9_2-4	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 12:20	09/05/24
L2450751-08	RISB-9_4-6	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 12:25	09/05/24
L2450751-09	RISB-18_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/05/24 14:00	09/05/24
L2450751-10	TB_09052024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/05/24 00:00	09/05/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2451141
Report Date: 09/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2451141-01	RISB-15_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 10:20	09/06/24
L2451141-02	RISB-1_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 11:55	09/06/24
L2451141-03	RISB-16_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 12:40	09/06/24
L2451141-04	RISB-16_3-5	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 12:45	09/06/24
L2451141-05	RISB-8_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 14:25	09/06/24
L2451141-06	RISB-8_2-4	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 14:35	09/06/24
~~L2451141-07~~	~~RISB-8_4-6~~	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 14:45	09/06/24
L2451141-08	TB_09062024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/06/24 00:00	09/06/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2451408
Report Date: 10/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2451408-01	RISB-13_17-19_P	SOIL	1451 WASHINGTON AVE	09/09/24 10:00	09/09/24
L2451408-02	RISB-14_9-11_P	SOIL	1451 WASHINGTON AVE	09/09/24 11:45	09/09/24
L2451408-03	RISB-14_13-15_P	SOIL	1451 WASHINGTON AVE	09/09/24 11:55	09/09/24
L2451408-04	FB_09092024_P	WATER	1451 WASHINGTON AVE	09/09/24 12:45	09/09/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2451417
Report Date: 09/17/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2451417-01	RISB-12_4-6	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 09:20	09/09/24
L2451417-02	RISB-13_17-19	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 09:55	09/09/24
L2451417-03	RISB-13_19-21	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 10:05	09/09/24
L2451417-04	RISB-14_9-11	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 11:50	09/09/24
L2451417-05	RISB-14_13-15	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 12:05	09/09/24
~~L2451417-06~~	~~RISB-14_15-17~~	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 12:10	09/09/24
L2451417-07	RISB-11_13-15	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 13:15	09/09/24
~~L2451417-08~~	~~RISB-11_15-17~~	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 13:25	09/09/24
L2451417-09	RISB-10_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 15:30	09/09/24
L2451417-10	RISB-10_17-19	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/09/24 15:35	09/09/24
L2451417-11	FB_09092024	FIELD BLANK	1451 WASHINGTON AVE., BRONX, NY	09/09/24 09:00	09/09/24
L2451417-12	TB_09092024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/09/24 00:00	09/09/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2451773
Report Date: 09/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2451773-01	RISB-2_0-2_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/10/24 08:50	09/10/24
L2451773-02	RISB-3_0-2_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/10/24 11:10	09/10/24
L2451773-03	RISB-17_0-2_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/10/24 12:30	09/10/24
L2451773-04	FB_09102024_P	WATER	1451 WASHINGTON AVE, BRONX, NY	09/10/24 11:35	09/10/24
L2451773-05	RISB-17_12-14_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/10/24 14:00	09/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2451795-01	DUP_09102024	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 12:00	09/10/24
L2451795-02	RISB-2_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 09:00	09/10/24
L2451795-03	RISB-19_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 09:50	09/10/24
L2451795-04	RISB-3_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 11:15	09/10/24
L2451795-05	RISB-17_0-2	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 12:40	09/10/24
L2451795-06	TB_09102024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/10/24 00:00	09/10/24
L2451795-07	RISB-17_12-14	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 14:10	09/10/24
L2451795-08	RISB-17_15-17	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 14:30	09/10/24
L2451795-09	RISB-17_18-20	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/10/24 14:45	09/10/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2452427
Report Date: 09/19/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2452427-01	RISB-15_5-7	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 08:50	09/12/24
L2452427-02	RISB-15_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 09:00	09/12/24
L2452427-03	RISB-16_5-7	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 09:50	09/12/24
L2452427-04	RISB-18_8-10	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 10:30	09/12/24
L2452427-05	RISB-18_10-12	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 10:35	09/12/24
L2452427-06	DUP_09122024	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 12:00	09/12/24
L2452427-07	RISB-19_5-7	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 12:05	09/12/24
L2452427-08	RISB-19_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 12:15	09/12/24
L2452427-09	TB_09122024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/12/24 00:00	09/12/24
L2452427-10	FB_09122024	FIELD BLANK	1451 WASHINGTON AVE., BRONX, NY	09/12/24 10:00	09/12/24

Project Name:	NRP SOL ON PARK	**Lab Number:**	L2452434
Project Number:	2908.0011Y000	**Report Date:**	10/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2452434-01	RISB-15_5-7_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/12/24 08:55	09/12/24
L2452434-02	FB_09122024_P	WATER	1451 WASHINGTON AVE, BRONX, NY	09/12/24 10:20	09/12/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2452852-01	TB_09132024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/13/24 00:00	09/13/24
L2452852-02	RISB-7_19-21	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 10:15	09/13/24
L2452852-03	RISB-7_21-23	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 10:30	09/13/24
L2452852-04	RISB-6_15-17	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 14:00	09/13/24
L2452852-05	RISB-6_17-19	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 14:10	09/13/24
L2452852-06	RISB-4_20-22	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 14:30	09/13/24
L2452852-07	RISB-4_22-24	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/13/24 14:40	09/13/24

Project Name:	NRP SOL ON PARK	**Lab Number:**	L2452871
Project Number:	2908.0011Y000	**Report Date:**	10/03/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2452871-01	FB_09132024_P	WATER	1451 WASHINGTON AVE, BRONX, NY	09/13/24 09:00	09/13/24
L2452871-02	RISB-7_19-21_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/13/24 10:00	09/13/24
L2452871-03	RISB-6_15-17_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/13/24 13:50	09/13/24
L2452871-04	RISB-4_20-22_P	SOIL	1451 WASHINGTON AVE, BRONX, NY	09/13/24 14:20	09/13/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2453358
Report Date: 09/26/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2453358-01	TB_09172024	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/17/24 00:00	09/17/24
L2453358-02	RISB-5_17-19	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 10:55	09/17/24
L2453358-03	RISB-5_19-21	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 11:05	09/17/24
L2453358-04	RISB-8_16.5-18.5	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 11:55	09/17/24
L2453358-05	RISB-2_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 13:00	09/17/24
L2453358-06	RISB-2_9-11	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 13:10	09/17/24
L2453358-07	RISB-3_5-7	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 14:25	09/17/24
L2453358-08	RISB-3_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/17/24 14:40	09/17/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2453625
Report Date: 09/27/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2453625-01	RISB-1_5-7	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/18/24 09:30	09/18/24
L2453625-02	RISB-1_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/18/24 09:40	09/18/24
L2453625-03	TRIP BLANK-TB-091824A	TRIP BLANK (SOIL)	1451 WASHINGTON AVE., BRONX, NY	09/18/24 00:00	09/18/24

Project Name: SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2456724
Report Date: 10/23/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456724-01	RIMW-1_P	WATER	400 KINGSLAND AVE, BROOKLYN	10/01/24 10:25	10/01/24
L2456724-02	RIMW-6_P	WATER	400 KINGSLAND AVE, BROOKLYN	10/01/24 10:37	10/01/24
L2456724-03	DUP_10012024_2_P	WATER	400 KINGSLAND AVE, BROOKLYN	10/01/24 12:00	10/01/24
L2456724-04	FB_10012024_P	WATER	400 KINGSLAND AVE, BROOKLYN	10/01/24 11:50	10/01/24
L2456724-05	EB_10012024_P	WATER	400 KINGSLAND AVE, BROOKLYN	10/01/24 12:15	10/01/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456731-01	RIMW-1	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 10:25	10/01/24
L2456731-02	RIMW-6	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 10:33	10/01/24
L2456731-03	RIMW-5	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 13:25	10/01/24
L2456731-04	RIMW-7	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 13:50	10/01/24
L2456731-05	RIMW-4	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 15:15	10/01/24
L2456731-06	RIMW-8	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 15:20	10/01/24
L2456731-07	DUP_10012024_2	WATER	1451 WASHINGTON AVE., BRONX, NY	10/01/24 12:00	10/01/24
L2456731-08	FB_10012024	FIELD BLANK	1451 WASHINGTON AVE., BRONX, NY	10/01/24 12:10	10/01/24
L2456731-09	EB_10012024	EQUIPMENT BLANK	1451 WASHINGTON AVE., BRONX, NY	10/01/24 12:15	10/01/24
L2456731-10	TB_10012024	TRIP BLANK (AQUEOUS)	1451 WASHINGTON AVE., BRONX, NY	09/30/24 00:00	10/01/24

Project Name: NRP SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2456805
Report Date: 10/08/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456805-01	RISB-8_4-6	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/06/24 14:45	09/06/24
L2456805-02	RISB-15_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/12/24 09:00	09/12/24
L2456805-03	RISB-1_7-9	SOIL	1451 WASHINGTON AVE., BRONX, NY	09/18/24 09:40	09/18/24

Project Name: SOL ON PARK
Project Number: 2908.0011Y000

Lab Number: L2456969
Report Date: 10/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2456969-01	RISV-7	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:00	10/02/24
L2456969-02	RISV-2	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:04	10/02/24
L2456969-03	RISV-8	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:06	10/02/24
L2456969-04	RISV-3	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:09	10/02/24
L2456969-05	RISV-1	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:15	10/02/24
L2456969-06	RISV-9	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:10	10/02/24
L2456969-07	RISV-4	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 17:21	10/02/24
L2456969-08	DUP_10012024_1	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 18:00	10/02/24
L2456969-09	UNUSED CAN #3561	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 00:00	10/02/24
L2456969-10	UNUSED CAN #2903	SOIL_VAPOR	1451 WASHINGTON AVE, BRONX	10/01/24 00:00	10/02/24

Data Validation Services

120 Cobble Creek Road P. O. Box 208
North Creek, NY 12853
Phone (518) 251-4429
harry@frontiernet.net

February 2, 2026

Dana Hignell
Roux Environmental Engineering and Geology, D. P. C.
209 Shafter St
Islandia, NY 11749

RE: Sol on Park, 1451 Washington, Ave, Bronx, NY
Data Usability Summary Report (DUSR); Validation of Analytical Laboratory Data Packages
Eurofins SDG Nos. 460-340323-1, 460-340324-1, 460-340325-1, 460-340326-1, 460-340523-1, 460-340574-1, 460-340528-1, 460-340632-1, 460-340745-1, and 460-340771-1

Dear Ms. Hignell:

Review has been completed for the data packages generated by Eurofins TestAmerica that pertain to samples collected between 11/24/25 and 12/04/25 at the 1451 Washington Avenue site. Five soil samples and a field duplicate were processed for TCL and NYCRR Part 375 CP-51 volatiles, TCL and CP-51 semivolatiles, TCL pesticides, Aroclor PCBs, TCL herbicides, TAL metals, 1,4-dioxane, total cyanide, and hexavalent/trivalent chromium. Ten soils were processed for the forementioned analytes with the exception of the volatiles. Nineteen soil samples and a field duplicate were processed for TCL and CP-51 semivolatiles, TAL metals, and hexavalent/trivalent chromium. Two soil samples, one soil field duplicate, six aqueous samples, and an aqueous field duplicate were processed for per-and polyfluoroalkyl substances (PFASs). Six aqueous samples and an aqueous field duplicate were processed for 1,4-dioxane. Trip and field blanks were also processed. The analytical methodologies are those of the USEPA SW846 and the USEPA method 1633.

The data packages submitted by the laboratory contain full deliverables for validation, and this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, with guidance from the USEPA national and regional validation documents, and in consideration of the analytical methodology. The following items were reviewed:

* Data Completeness
* Case Narrative
* Custody Documentation/Sample Receipt
* Holding Times
* Surrogate, Isotopic Dilution, and Internal Standard Recoveries
* Method/Preparation/Calibration/Field/Trip Blanks
* Matrix Spike Recoveries/Duplicate Correlations
* Blind Field Duplicate Correlations
* Laboratory Control Sample (LCS)
* Instrumental Tunes
* Initial and Continuing Calibration Standards
* Method Compliance
* Sample Result Verification

Those items listed above which show deficiencies are discussed within the text of this narrative. All of the other items were determined to be acceptable for the DUSR level review, as discussed in NYS DER-10 Appendix B Section 2.0 (c).

In summary, results for the field samples are usable either as reported or with qualification.

Data completeness, accuracy, precision, representativeness, reproducibility, and comparability are acceptable.

Validation data qualifier definitions and client sample identifications are attached to this text. Also included with this report is the client EDD with recommended qualifiers/edits applied in red. +

Custody Forms/Sample Receipt

Custody form data entries include instances of omitted year, time, dates, and/or signatures. These were primarily from interim laboratory courier cooler transfers.

The custody forms do not include a field for the container type.

Blind Field Duplicates

The blind field duplicate evaluations were performed on locations RISB-17(4-6), RISB-5(2-4), RISB-5(2-4)_PFAS, RIMW-4_PFAS, and RIMW-1-2025. Correlations fall within validation guidelines with the exceptions of the following, the results for which have been qualified in the indicated parent samples and their field duplicates: benzo(a)anthracene, chrysene, fluoranthene, phenanthrene, pyrene, chromium, trivalent chromium, nickel, and potassium in RISB-5(2-4).

Volatile Analyses by EPA 8260D

Matrix spikes performed on RISB-5 (0-2) show recoveries and correlations that are within validation guidelines, with the following exceptions, results for which have been qualified as estimated in the parent sample:

Parent Sample	Analyte	Outlying % Recoveries
RISB-5 (0-2)	1,2,3-trichlorobenzene	36,35
	1,2,4-trichlorobenzene	40,39
	1,2-dibromo-3-chloropropane	63,76
	1,2-dichlorobenzene	63,65
	1,3-dichlorobenzene	65,68
	1,4-dichlorobenzene	65,65
	n-butylbenzene	81,78
	sec-butylbenzene	68,70
	styrene	73,77

Calibration standards show %RSD/%D within validation guidelines, with the following exceptions, results of which have been qualified as estimated in the indicated associated samples:

- Bromomethane, 1,1,1-trichloroethane, and carbon tetrachloride (21%D to 45%D) in FB_120425 and TB_120425
- 1,1,2,2-Tetrachloroethane (25%D) in RISB-5 (8-10)

LCS recoveries are within validation guidelines, with the following exceptions, results of which have been qualified as estimated, with a low bias, in the indicated associated samples:

Affected Samples	Analyte	Outlying % Recoveries
FB_120425 and TB_120425	trichlorofluoromethane	60,53
RISB-5(8-10)	1,2-dibromo-3-chloropropane	77,78
	carbon disulfide	147,152

Surrogate and internal standard recoveries are compliant. Blanks show no contamination affecting sample reported results.

Semivolatile and 1,4-Dioxane Analyses by EPA8270E and EPA 8270 SIM

Matrix spikes were performed for SVOC on RISB-5 (0-2) and RISB-10(3-5) and for 1,4-dioxane on RIMW-1. Recoveries and correlations are within validation guidelines, with the following exceptions, results for which have been qualified as estimated in the parent sample:

Parent Sample	Analyte	Outlying % Recoveries	Outlying %RPD
RISB-5 (0-2)	1,2,4,5-tetrachlorobenzene	59	38
	dimethylphenol	59	31
	2-chloronaphthalene	61	33
	acenaphthene	62	31
	anthracene	64	33
	benzo(k)fluoranthene	66	35
	chrysene	64	35
	phenanthrene	65	34

Surrogate and internal standard recoveries are compliant. Blanks show no contamination of target analytes. LCS recoveries are within validation guidelines.

Calibration standards show responses within validation guidelines, with the exception of the following, results for which have been qualified in the indicated associated samples: benzaldehyde (34%D to 61%D) in RISB-5 (02), RISB-5 (2-4), RISB-5 (4-6), RISB-5 (6-8), RISB-5 (8-10), RISB-13 (2-4), RISB-13 (4-6), RISB-13 (6-8), RISB-13 (8-10), RISB-13 (10-12), RISB-14 (3-5), RISB-14 (5-7), RISB-14 (7-9), RISB-15 (9-11), RISB-15 (11-13), and DUP_120425, FB_120425 and all samples reported in SDGs 460-340528-1 and 460-340632-1.

Pesticides and Aroclor PCB Analyses by USEPA 8081B and 8082A

Some of the detected pesticide results exhibit elevated dual column quantitative correlations, and are qualified to reflect the uncertainty in identification and/or quantitation. The values have been either qualified as estimated ("J"), qualified as tentative in identification and estimated in value ("NJ"), or edited to non-detection ("U"), depending on the degree of variance.

The matrix spike evaluations were performed for pesticides, herbicides, and Aroclors on RISB-5(0-2). They show recoveries and correlations within validation guidelines.

Surrogate and internal standard recoveries are within validation guidelines. Calibration standards show compliant recoveries. LCS recoveries are within laboratory acceptance ranges. Blanks show no contamination.

PFAS by EPA Method 1633

Due to outlying ion ratios, the results for PFOS in RIMW-7_PFAS, RIMW-1_PFAS, and DUP_120225_PFAS are qualified as being the Estimated Maximum Possible Concentration.

Matrix spikes of RIMW-4_PFAS and RISB-5(0-2) show recoveries and correlations within validation guidelines.

Isotopic dilution stadnards and surrogate and internal standard recoveries are within validation guidelines. Calibration standard responses are compliant.

Metals by EPA 6010D, 6020B, 7471A, and 7471B

Matrix spikes and/or duplicate evaluations were performed on RISB-8(6-8), RISB-10 (3-5), and RISB-5 (0-2). They show recoveries and correlations within validation guidelines, with the following exceptions, results for which have been qualified in the indicated parent samples:

Parent Sample	Element	Outlying % Recoveries	Outlying % RPD's
RISB-10 (3-5)	antimony	30,32	
	copper	151	21
	lead	154,160	
RISB-5 (0-2)	antimony	37,34	
	cobalt	40	22
	vanadium	64,37	

The ICP serial dilution determinations were performed for metals on RISB-10 (3-5) and RISB-5 (0-2). Correlations are within validation guidelines.

Due to presence in the associated calibration blanks, results for selenium in the samples reported in SDG 460-340745 are considered external contamination and edited to reflect non-detection.

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Calibration standard recoveries are compliant.

Total Cyanide and Hexavalent Chromium Analyses by EPA Methods 9012 and 7196

Review was conducted for method compliance, holding times, transcription, calculations, standard and blank acceptability, accuracy, and precision, etc., as applicable to each procedure.

Matrix spikes were performed on the following:

- Total cyanide in RISB-8(6-8), RISB-5(0-2, RISB-14(3-5) and RISB-10(3-5)
- Hexavalent chromium in RISB-2(4-6), RISB(0-2) and RISB-10(3-5)

They show recoveries and correlations within validation guidelines.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,



Judy Harry

Attachments: Validation Data Qualifier Definitions
Sample Identifications
Qualified EQuIS EDD

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

Sample Identification Summary

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340323-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340323-3	RIMW-7_PFAS	Water	11/26/25 11:20	11/26/25 19:45	New York
460-340323-4	RIMW-8_PFAS	Water	11/26/25 10:00	11/26/25 19:45	New York
460-340323-5	FB_112625	Water	11/26/25 14:53	11/26/25 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340324-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340324-1	RIMW-5	Water	11/25/25 14:14	11/26/25 19:45	New York
460-340324-2	RIMW-6	Water	11/25/25 15:50	11/26/25 19:45	New York
460-340324-3	FB_112525	Water	11/25/25 15:35	11/26/25 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340325-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340325-1	RIMW-5_PFAS	Water	11/25/25 14:10	11/26/25 19:45	New York
460-340325-2	RIMW-6_PFAS	Water	11/25/25 15:47	11/26/25 19:45	New York
460-340325-3	FB_112525_PFAS	Water	11/25/25 15:30	11/26/25 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340326-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340326-3	RIMW-7	Water	11/26/25 11:25	11/26/25 19:45	New York
460-340326-4	RIMW-8	Water	11/26/25 10:05	11/26/25 19:45	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340523-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340523-1	RIMW-1_PFAS	Water	12/02/25 14:45	12/02/25 19:15	New York
460-340523-2	RIMW-4_PFAS	Water	12/02/25 12:25	12/02/25 19:15	New York
460-340523-3	DUP_120225_PFAS	Water	12/02/25 12:00	12/02/25 19:15	New York
460-340523-4	FB_120225_PFAS	Water	12/02/25 14:00	12/02/25 19:15	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340528-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340528-1	RISB-2 (2-4)	Solid	12/02/25 09:45	12/02/25 19:15	New York
460-340528-2	RISB-2 (4-6)	Solid	12/02/25 09:50	12/02/25 19:15	New York
460-340528-3	RISB-3 (3-5)	Solid	12/02/25 13:40	12/02/25 19:15	New York
460-340528-4	RISB-8 (6-8)	Solid	12/02/25 10:50	12/02/25 19:15	New York
460-340528-5	RISB-8 (8-10)	Solid	12/02/25 10:55	12/02/25 19:15	New York
460-340528-6	RISB-8 (10-12)	Solid	12/02/25 11:00	12/02/25 19:15	New York
460-340528-7	RISB-18 (2-4)	Solid	12/02/25 13:50	12/02/25 19:15	New York
460-340528-8	RISB-18 (4-6)	Solid	12/02/25 13:55	12/02/25 19:15	New York
460-340528-9	RISB-18 (6-8)	Solid	12/02/25 14:00	12/02/25 19:15	New York
460-340528-10	RISB-19 (3-5)	Solid	12/02/25 11:15	12/02/25 19:15	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340574-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340574-1	RIMW-1	Water	12/02/25 14:50	12/02/25 19:15	New York
460-340574-2	RIMW-4	Water	12/02/25 12:40	12/02/25 19:15	New York
460-340574-3	DUP-120225	Water	12/02/25 13:00	12/02/25 19:15	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340632-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340632-1	RISB-6 (2-4)	Solid	12/03/25 11:20	12/03/25 19:30	New York
460-340632-2	RISB-6 (4-6)	Solid	12/03/25 11:25	12/03/25 19:30	New York
460-340632-3	RISB-7 (2-4)	Solid	12/03/25 13:25	12/03/25 19:30	New York
460-340632-4	RISB-7 (4-6)	Solid	12/03/25 14:35	12/03/25 19:30	New York
460-340632-5	RISB-10 (3-5)	Solid	12/03/25 12:40	12/03/25 19:30	New York
460-340632-6	RISB-10 (5-7)	Solid	12/03/25 12:50	12/03/25 19:30	New York
460-340632-7	RISB-17 (2-4)	Solid	12/03/25 10:40	12/03/25 19:30	New York
460-340632-8	RISB-17 (4-6)	Solid	12/03/25 10:45	12/03/25 19:30	New York
460-340632-9	RISB-17 (6-8)	Solid	12/03/25 10:50	12/03/25 19:30	New York
460-340632-10	DUP_120325	Solid	12/03/25 12:00	12/03/25 19:30	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340745-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340745-1	RISB-5 (0-2)	Solid	12/04/25 11:25	12/04/25 20:00	New York
460-340745-2	RISB-5 (2-4)	Solid	12/04/25 11:40	12/04/25 20:00	New York
460-340745-3	RISB-5 (4-6)	Solid	12/04/25 11:50	12/04/25 20:00	New York
460-340745-4	RISB-5 (6-8)	Solid	12/04/25 12:05	12/04/25 20:00	New York
460-340745-5	RISB-5 (8-10)	Solid	12/04/25 15:25	12/04/25 20:00	New York
460-340745-6	RISB-13 (2-4)	Solid	12/04/25 10:30	12/04/25 20:00	New York
460-340745-7	RISB-13 (4-6)	Solid	12/04/25 10:35	12/04/25 20:00	New York
460-340745-8	RISB-13 (6-8)	Solid	12/04/25 10:40	12/04/25 20:00	New York
460-340745-9	RISB-13 (8-10)	Solid	12/04/25 10:45	12/04/25 20:00	New York
460-340745-10	RISB-13 (10-12)	Solid	12/04/25 10:50	12/04/25 20:00	New York
460-340745-11	RISB-14 (3-5)	Solid	12/04/25 12:35	12/04/25 20:00	New York
460-340745-12	RISB-14 (5-7)	Solid	12/04/25 12:40	12/04/25 20:00	New York
460-340745-13	RISB-14 (7-9)	Solid	12/04/25 12:45	12/04/25 20:00	New York
460-340745-14	RISB-15 (9-11)	Solid	12/04/25 13:45	12/04/25 20:00	New York
460-340745-15	RISB-15 (11-13)	Solid	12/04/25 13:50	12/04/25 20:00	New York
460-340745-16	DUP_120425	Solid	12/04/25 13:00	12/04/25 20:00	New York
460-340745-17	FB_120425	Water	12/04/25 14:10	12/04/25 20:00	New York
460-340745-18	TB_120425	Water	12/04/25 00:00	12/04/25 20:00	New York

Sample Summary

Client: Roux Environmental Eng & Geology DPC
Project/Site: 1451 Washington Ave, Bronx NY

Job ID: 460-340771-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
460-340771-1	FB_120425_PFAS	Water	12/04/25 14:00	12/04/25 20:00	New York
460-340771-2	RISB-5 (0-2)_PFAS	Solid	12/04/25 11:20	12/04/25 20:00	New York
460-340771-3	RISB-5 (2-4)_PFAS	Solid	12/04/25 11:35	12/04/25 20:00	New York
460-340771-4	RISB-5 (4-6)_PFAS	Solid	12/04/25 11:45	12/04/25 20:00	New York
460-340771-5	RISB-5 (6-8)_PFAS	Solid	12/04/25 11:55	12/04/25 20:00	New York
460-340771-6	RISB-5 (8-10)_PFAS	Solid	12/04/25 15:20	12/04/25 20:00	New York
460-340771-7	DUP_120425_PFAS	Solid	12/04/25 12:00	12/04/25 20:00	New York

APPENDIX E

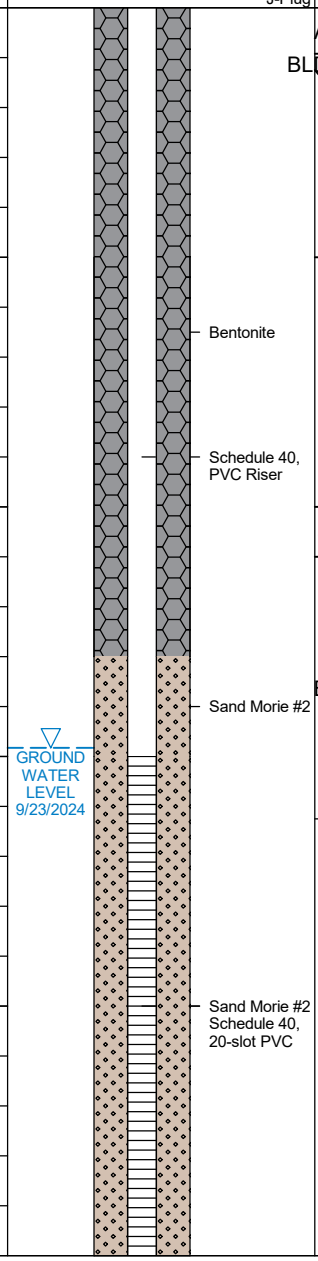
RI Soil Boring and Well Construction Logs

RISB-1/RIMW-1/RISV-1

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/6/2024 - 9/18/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 25 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 14.83 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 25 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 15-25 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite



Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	ASPH		Asphalt	G	5	0.0	Sample RISB-1_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	BLDRCBBL		Grey, COBBLE, little fine to coarse Gravel, Brick, trace asphalt (FILL); moist				
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, Brick, trace cobble, asphalt (FILL); moist				
5						0.0	
	MIXD		Greyish-Brown, fine to coarse SAND, some fine to coarse Gravel, trace cobble, ceramic tile, glass, brick (FILL); moist		2.5	0.0	RISV-1 installed from 4.5-5' bls Sample RISB-1_5-7 collected from 5-7' bls and analyzed for TCL+30/TAL Sample RISB-1_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL
10	SWG		Dark Brown, fine to coarse SAND, little fine to coarse Gravel, trace silt; moist		5	0.0	
	BEDR		Decomposed bedrock; moist			0.0	
15					1.25	0.0	Groundwater table encountered at 14.83' bls Geoprobe refusal encountered at 16.25' bls
20							

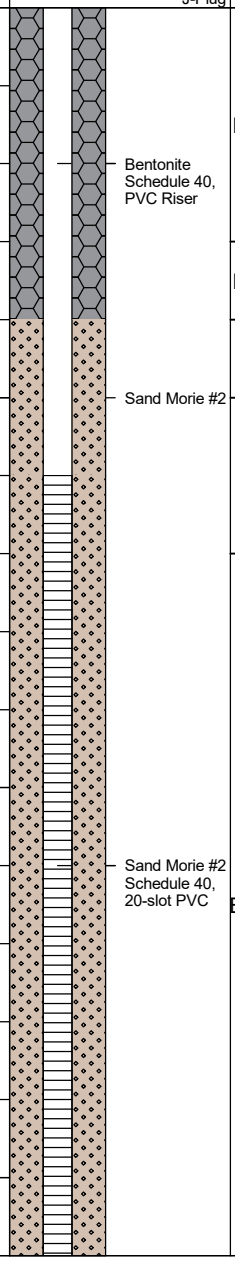
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RISB-2/RIMW-2/RISV-2

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/9/2024 - 9/17/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 16 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 16 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 6-16 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite



Depth (ft)	USCS	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD	Dark Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (wood & roots), glass, brick (FILL); moist	G	5	0.0	Samples RISB-2_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
						Sample RISB-2_0-2_P collected from 0-2' bls and analyzed for PFAS
	MIXD	Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (roots), brick (FILL); moist			0.0	
	SW	Brown, fine to coarse SAND, trace fine to coarse gravel; moist			0.0	
5	SW-SM	Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel; moist			0.0	RISV-2 installed from 6.5-7' bls
		Decomposed bedrock; moist		5	0.0	Sample RISB-2_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL
						Sample RISB-2_7-9_P collected from 7-9' bls and analyzed for PFAS
10	BEDR				0.0	Sample RISB-2_9-11 collected from 9-11' bls and analyzed for TCL+30/TAL
				3		
15				1	0.0	Geoprobe refusal encountered at 16' bls

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RISB-3/RIMW-3/RISV-3

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/9/2024 - 9/17/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 18 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 18 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 8-18 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	J-Plug	MIXD		Brown to Dark Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, organics (roots), glass, brick (FILL); moist	G	5	0.0	Sample RISB-3_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL Sample RISB-3 _0-2_P collected from 0-2' bls and analyzed for PFAS
	Bentonite Schedule 40, PVC Riser	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace silt, brick (FILL); moist			0.0	
5		SW-SM		Reddish-Brown, fine to coarse SAND, little Silt; moist			0.0	Sample RISB-3_5-7 collected from 5-7' bls and analyzed for TCL+30/TAL Sample RISB-3 _5-7_P collected from 5-7' bls and analyzed for PFAS RISV-3 installed from 6.5-7' bls
	Sand Morie #2	SWG		Brown, fine to coarse SAND, little fine to coarse Gravel, trace silt, organic (wood); moist		4	0.0	Sample RISB-3_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL
10		SW		Brown, fine to coarse SAND, trace fine to coarse gravel; moist		3	0.0	
	Sand Morie #2 Schedule 40, 20-slot PVC							
15						2	0.0	
								Geoprobe refusal encountered at 17' bls

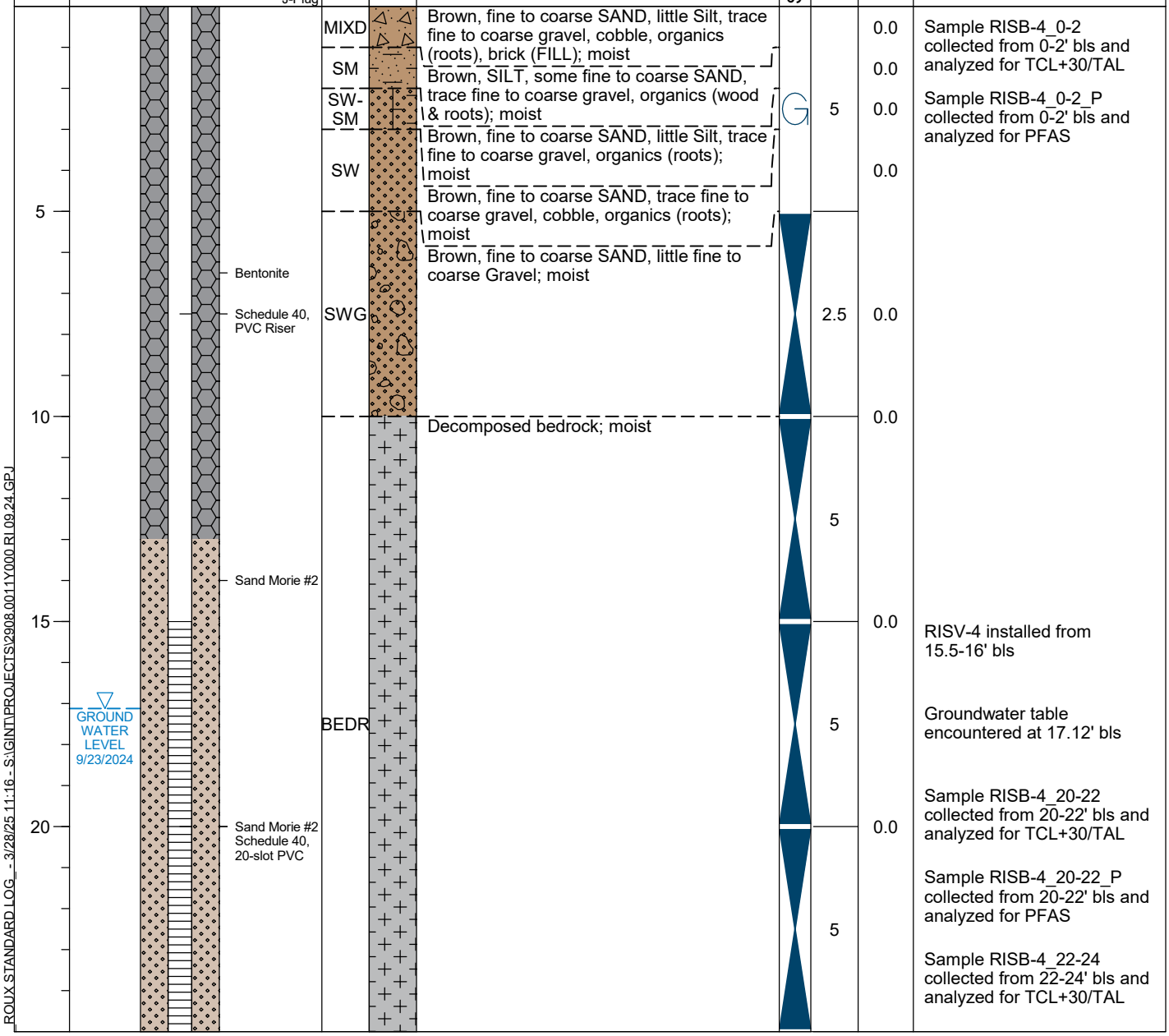
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RISB-4/RIMW-4/RISV-4

Client:	Site:	Project Number:
Sol on Park LLC	NRP Sol on Park	2908.0011Y000
Address:	**City/State:**	**Logged By:**
1451 Washington Ave	Bronx, NY	M. Hollis

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
9/4/2024 - 9/13/2024	Trinity Environmental Corp.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
25 feet	Soil Cuttings	2-inches	17.12 feet
Area:	**Elevation:**	**Latitude:**	**Longitude:**
NM	NM	NM	NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
25 feet	2-inch PVC	15-25 feet	20-Slot	Morie #2	Bentonite



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RISB-5/RIMW-5/RISV-5

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/5/2024 - 9/17/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 25 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 16.33 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 25 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 15-25 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite

Depth (ft)	Well Diagram	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	J-Plug	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (wood & roots), brick, glass, metal (FILL); moist	G	5	0.0 0.0	Sample RISB-5_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
5	Bentonite Schedule 40, PVC Riser	SW-SM		Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, organics (wood); moist		3.17	0.0 0.0 0.0	
10		BEDR		Decomposed bedrock; moist		5	0.0 0.0	
15	Sand Morie #2 GROUND WATER LEVEL 9/23/2024					5	0.0	Groundwater table encountered at 16.33' bls Sample RISB-5_17-19 collected from 17-19' bls and analyzed for TCL+30/TAL
20	Sand Morie #2 Schedule 40, 20-slot PVC					3	0.0	Sample RISB-5_19-21 collected from 19-21' bls and analyzed for TCL+30/TAL RISV-5 installed from 20.5-21' bls Geoprobe refusal encountered at 23' bls

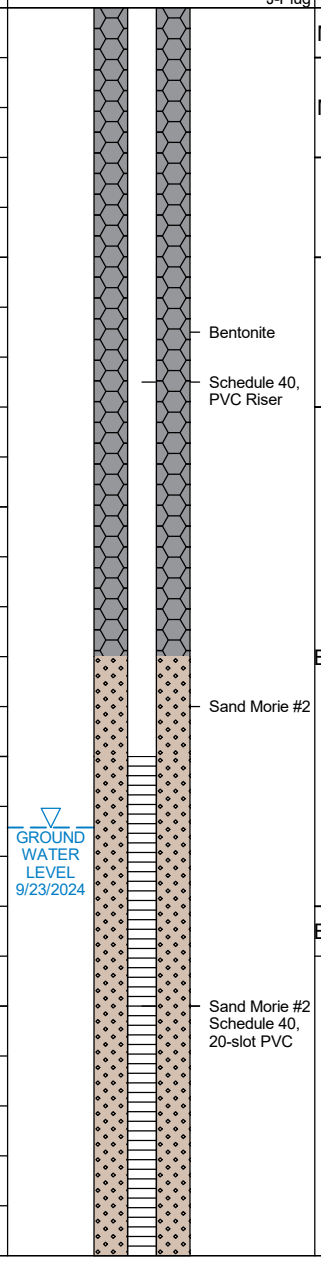
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RISB-6/RIMW-6/RISV-6

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/5/2024 - 9/13/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 25 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 16.42 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 25 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 15-25 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite



Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	MIXD		Dark Brown, fine to coarse SAND, little fine to coarse gravel, trace cobble, organics (roots), metal, brick (FILL); moist	G	5	0.0	Sample RISB-6_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (roots), cobble, brick (FILL); moist			0.0	
	SM		Light brown, SAND and SILT, trace fine to coarse gravel; moist.			0.0	
5	SM		Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel; moist		5	0.0	
	BEDR		Decomposed bedrock; moist			0.0	
10					5		Sample RISB-6_15-17 collected from 15-17' bls and analyzed for TCL+30/TAL Sample RISB-6_15-17_P collected from 15-17' bls and analyzed for PFAS
15						0.0	Groundwater table encountered at 16.42' bls
					4		Sample RISB-6_17-19 collected from 17-19' bls and analyzed for TCL+30/TAL
	BEDR		Decomposed bedrock; wet				RISV-6 installed from 18.5-19' bls Geoprobe refusal encountered at 19' bls
20							

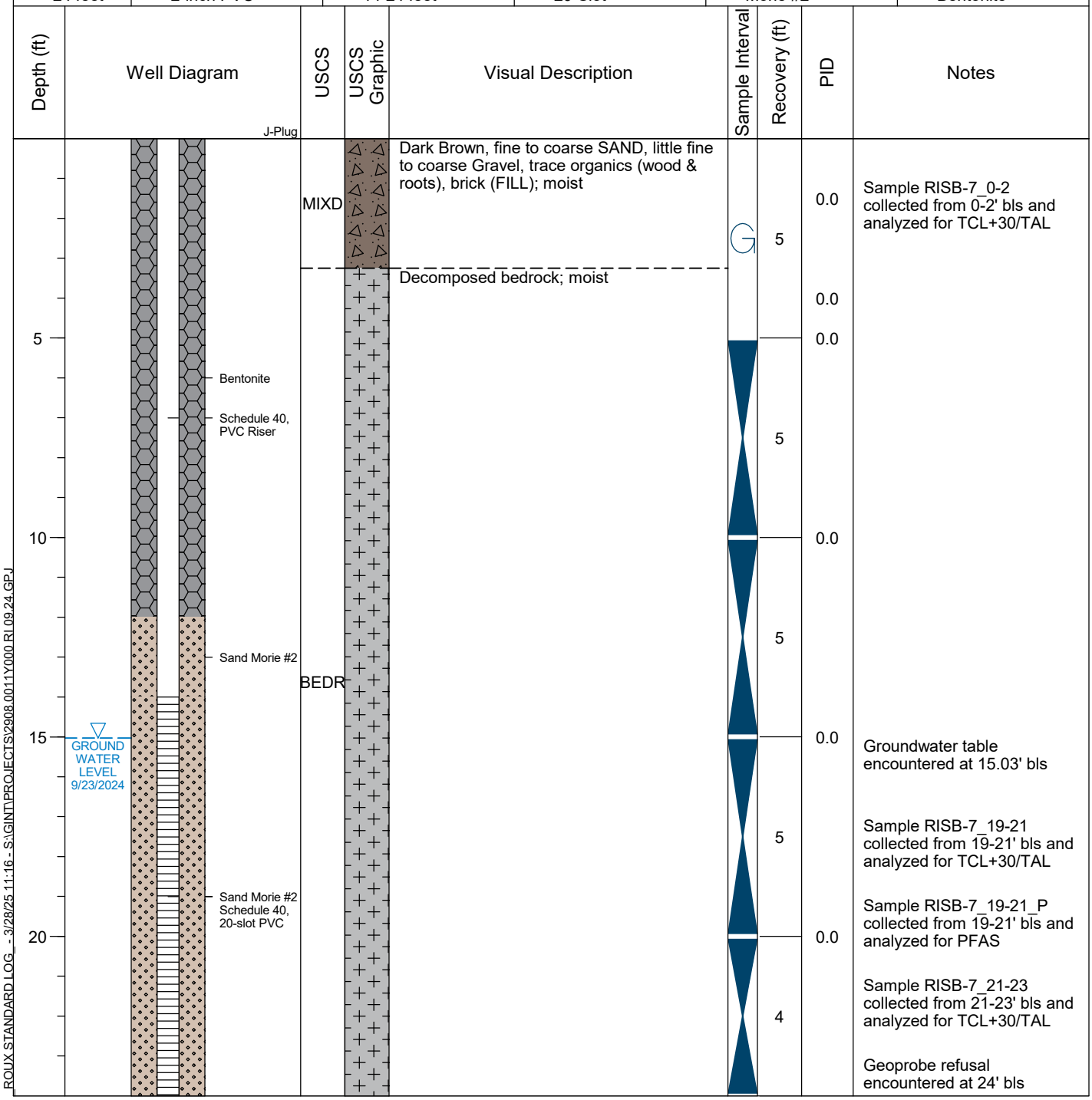
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RISB-7/RIMW-7

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/5/2024 - 9/13/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 24 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 15.03 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Well Depth: 24 feet	Well Dia./Materials: 2-inch PVC	Screen Interval: 14-24 feet	Screen Slot Size: 20-Slot	Sand/Filter Pack Size: Morie #2	Annular Seal: Bentonite



USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
MIXD		Dark Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (wood & roots), brick (FILL); moist	G	5	0.0	Sample RISB-7_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
		Decomposed bedrock; moist			0.0	
					0.0	
				5		
					0.0	
				5		
BEDR					0.0	Groundwater table encountered at 15.03' bls
				5		Sample RISB-7_19-21 collected from 19-21' bls and analyzed for TCL+30/TAL
						Sample RISB-7_19-21_P collected from 19-21' bls and analyzed for PFAS
					0.0	
				4		Sample RISB-7_21-23 collected from 21-23' bls and analyzed for TCL+30/TAL
						Geoprobe refusal encountered at 24' bls

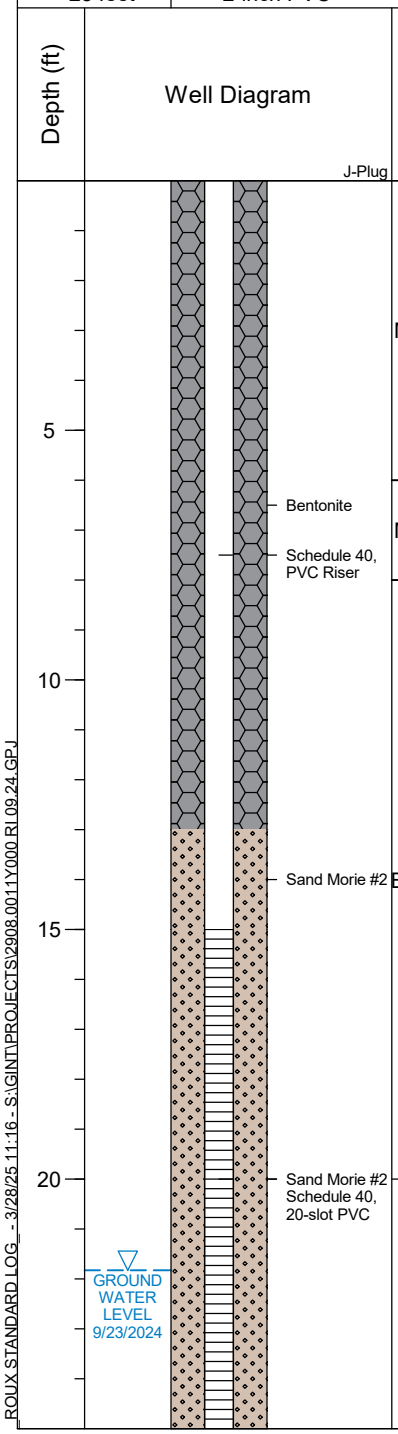
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RISB-8/RIMW-8

Client:	Site:	Project Number:
Sol on Park LLC	NRP Sol on Park	2908.0011Y000
Address:	**City/State:**	**Logged By:**
1451 Washington Ave	Bronx, NY	M. Hollis

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
9/6/2024 - 9/17/2024	Trinity Environmental Corp.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
25 feet	Soil Cuttings	2-inches	21.83 feet
Area:	**Elevation:**	**Latitude:**	**Longitude:**
NM	NM	NM	NM

Well Depth:	Well Dia./Materials:	Screen Interval:	Screen Slot Size:	Sand/Filter Pack Size:	Annular Seal:
25 feet	2-inch PVC	15-25 feet	20-Slot	Morie #2	Bentonite



USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (wood), brick (FILL); moist	G	6	0.0 0.0	Sample RISB-8_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL Sample RISB-8_2-4 collected from 2-4' bls and analyzed for TCL+30/TAL
MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace brick (FILL); moist		2	0.0	Sample RISB-8_4-6 collected from 4-6' bls and analyzed for TCL+30/TAL
BEDR		Decomposed bedrock; moist		5	0.0 0.0	
				5	0.0	Sample RISB-8_16.5-18.5 collected from 16.5-18.5' bls and analyzed for TCL+30/TAL Geoprobe refusal encountered at 20' bls Groundwater table encountered at 21.83' bls

ROUX STANDARD LOG_ - 3/28/25 11:16 - S:\GINT\PROJECTS\2908.0011Y000 RI 09.24.GPJ

RISB-9/RISV-9

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/5/2024 - 9/5/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 7 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	SW		Brown, fine to coarse SAND, trace fine to coarse gravel, organics (roots); moist	G	6	0.0	Sample RISB-9_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
							Sample RISB-9_2-4 collected from 2-4' bls and analyzed for TCL+30/TAL
5							Sample RISB-9_4-6 collected from 4-6' bls and analyzed for TCL+30/TAL
							RISV-9 installed from 6.5-7' bls

ROUX STANDARD LOG - 3/28/25 11:16 - S:\GINT\PROJECTS\2908.0011Y000 RI 09.24.GPJ

RISB-10

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/5/2024 - 9/9/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 21 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD	Dark Brown, fine to coarse SAND, trace cobble, fine to coarse gravel, organics (roots), brick, asphalt (FILL); moist	G	5	0.0 0.0	Sample RISB-10_0-2 collected from 0-2' bls and analzyed for TCL+30/TAL
	MIXD	Brown to Dark Brown, fine to coarse SAND, little Silt, trace cobble, fine to coarse gravel, brick, glass, organics (roots) (FILL); moist			0.0 0.0	
5	MIXD			2.5	0.0	
	MLS	Brown, SILT, some fine to coarse Sand; moist			0.0	Sample RISB-10_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL
		Decomposed bedrock; moist			0.0	
10				5	0.0	
15	BEDR			4.25	0.0	Sample RISB-10_17-19 collected from 17-19' bls analyzed for TCL+30/TAL
20				0.75	0.0	

ROUX STANDARD LOG_ - 3/28/25 11:15 - S:\GINT\PROJECTS\2908.0011Y000 RI 09.24.GPJ

RISB-11

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/4/2024 - 9/9/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 21 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Light Brown to Brown, fine to coarse SAND, little fine to coarse Gravel, trace cobble, organics (roots), brick, plastic (FILL); moist	G	5	0.0 0.0	Sample RISB-11_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	SW-SM		Light Brown, fine to coarse SAND, little Silt, trace organics (roots); moist			0.0	
	SW		Light Brown, fine to coarse SAND, trace organics (roots); moist				
5	SWG		Brown, fine to coarse SAND, some fine to coarse Gravel, trace silt; moist		2.5	0.0	
			Brown, fine to coarse SAND, little fine to coarse Gravel; moist			0.0	
10	SWG				1.5	0.0	
			Greyish-Brown, fine to coarse SAND, little Silt; moist			0.0	Sample RISB-11_13-15 collected from 13-15' bls and analyzed for TCL+30/TAL
15	SW-SM				4.5	0.0	
	BEDR		Decomposed bedrock; moist			0.0	Sample RISB-11_15-17 collected from 15-17' bls and analyzed for TCL+30/TAL
20					1	0.0	

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RISB-12

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/4/2024 - 9/9/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 6 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace cobble, organics (roots), brick (FILL); moist	G	4	0.0	Sample RISB-12_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Light Brown, fine to coarse SAND, trace fine to coarse gravel, brick (FILL); moist			0.0	Sample RISB-12_2-4 collected from 2-4' bls and analyzed for TCL+30/TAL
	BLDRCBBL		Grey, COBBLE			0.0	
5	SW		Brown, fine to coarse SAND, trace fine to coarse gravel; moist		2	0.0	Sample RISB-12_4-6 collected from 4-6' bls and analyzed for TCL+30/TAL

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RISB-13

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/4/2024 - 9/9/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 21 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 17 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Light Brown to Brown, fine to coarse SAND, trace fine to coarse gravel, organics (roots), brick (FILL); moist	G	5	0.0 0.0	Sample RISB-13_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Light Brown, fine to coarse SAND, trace fine to coarse gravel, brick (FILL); moist			0.0	
5	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace cobble, organics (roots), brick (FILL); moist		4.75	0.5 0.7	
	SW		Dark Brown, fine to coarse SAND, little fine to coarse Gravel; moist			1.7	
	SW		Light Brown, fine to coarse SAND, trace fine to coarse gravel; moist				
10	SW-SM		Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel; moist		2	0.1	
15	SW-SM		Dark Grey, fine to coarse SAND, little Silt; wet		3	0.1	Sample RISB-13_17-19 collected from 17-19' bls and analyzed for TCL+30/TAL Sample RISB-13_17-19_P collected from 17-19' bls and analyzed for PFAS Water table encountered at 17' bls
	SM		Light Brown, SILT and SAND; wet			0.1	
	SW-SM		Greyish Brown, fine to coarse SAND, little Silt; wet				Sample RISB-13_19-21 collected from 19-21' bls and analyzed for TCL+30/TAL
20	BEDR		Decomposed bedrock; wet		1	478.5	Odor and Staining observed from 19-20.5' bls

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RISB-14

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/4/2024 - 9/9/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW: 14 feet
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (roots & wood), brick (FILL); moist			0.0	Sample RISB-14_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, brick (FILL); moist	G	5	0.0	Sample RISB-14_0-2_P collected from 0-2' bls and analyzed for PFAS
	MIXD		Dark Brown, SILT, little fine to coarse Sand, trace fine to coarse gravel, brick (FILL); moist			0.0	
5	MIXD		Dark Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, brick (FILL); moist			0.3	
	SW-SM		Greyish-Brown, fine to coarse SAND, little SIlt; moist		3.5	0.4	Sample RISB-14_9-11 collected from 9-11' bls and analyzed for TCL+30/TAL
10						0.1	Sample RISB-14_9-11_P collected from 9-11' bls and analyzed for PFAS
	SW-SM		Greyish-Brown, fine to coarse SAND, little SIlt, fine to coarse Gravel; moist		4.25	0.1	Sample RISB-14_13-15 collected from 13-15' bls and analyzed for TCL+30/TAL
							Sample RISB-14_13-15_P collected from 13-15' bls and analyzed for PFAS
15	SM		Dark Brown, SILT, some fine to coarse Sand; wet			0.1	Water table encountered at 14' bls
	BEDR		Decomposed bedrock; moist		5	0.1	Sample RISB-14_15-17 collected from 15-17' bls and analyzed for TCL+30/TAL

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RISB-15

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/6/2024 - 9/12/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 9 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	CONC		Concrete				
	MIXD		Brown, fine to coarse SAND, trace fine to coarse gravel, organics (roots), glass, brick (FILL); moist			0.0	Sample RISB-15_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Greyish-Brown, fine to coarse SAND, little fine to coarse Gravel, trace organics (roots), glass, brick (FILL); moist	G	5	0.0	
	MIXD		Greyish-Brown, fine to coarse SAND, some fine to coarse Gravel, trace organics (roots), glass, brick (FILL); moist			0.0	Sample RISB-15_5-7 collected from 5-7' bls and analyzed for TCL+30/TAL
5	MIXD		Greyish-Brown, fine to coarse SAND, some fine to coarse Gravel, trace organics, bricks, (FILL); moist			0.0	Sample RISB-15_5-7_P collected from 5-7' bls and analyzed for PFAS
	MIXD		Fibrous Material		2.83	0.0	
	MIXD		Dark Brown, fine to coarse SAND, little fine to coarse Gravel, Brick (FILL); moist			0.0	Sample RISB-15_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL

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RISB-16/RISV-7

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/6/2024 - 9/12/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 7 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark Brown, fine to coarse SAND, trace fine to coarse gravel, organics (roots), metal, brick (FILL); moist			0.0	
	MIXD		Brown, fine to coarse SAND, trace fine to coarse gravel, organics (roots), metal, brick (FILL); moist			0.0	Sample RISB-16_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	BEDR		Decomposed bedrock; moist	G	5	0.0	Sample RISB-16_3-5 collected from 3-5' bls and analyzed for TCL+30/TAL
5						0.0	Sample RISB-16_5-7 collected from 5-7' bls and analyzed for TCL+30/TAL
					2		RISV-7 installed from 6.5-7' bls

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RISB-17/RISV-8

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/10/2024 - 9/10/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, organics (roots), glass, brick (FILL); moist			0.0	Sample RISB-17_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Brown, fine to coarse SAND, some fine to coarse Gravel, little Silt, trace organics (roots), brick (FILL); moist	G	5	0.0	Sample RISB-17_0-2_P collected from 0-2' bls and anayzed for PFAS
5			Decomposed bedrock; moist			0.0	
					5		RISV-8 installed from 6.5-7' bls
10						0.0	
	BEDR				5		Sample RISB-17_12-14 collected from 12-14' bls and analyzed for TCL+30/TAL
							Sample RISB-17_12-14_P collected from 12-14' bls and anayzed for PFAS
15						0.0	
					5		Sample RISB-17_15-17 collected from 15-17' bls and analyzed for TCL+30/TAL
							Sample RISB-17_18-20 collected from 18-20' bls and analyzed for TCL+30/TAL

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RISB-18

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Client:	Site:	Project Number:
Sol on Park LLC	NRP Sol on Park	2908.0011Y000
Address:	**City/State:**	**Logged By:**
1451 Washington Ave	Bronx, NY	M. Hollis

Start to Finish Date:	Contractor:	Drill Type:	Sampler Type/Method:
9/5/2024 - 9/12/2024	Trinity Environmental Corp.	Geoprobe	2" Macro-Core
Borehole Depth:	**Backfill:**	**Borehole Diameter:**	**DTW:**
12 feet	Soil Cuttings	2-inches	
Area:	**Elevation:**	**Latitude:**	**Longitude:**
NM	NM	NM	NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Brown, fine to coarse SAND, little fine to coarse Gravel, trace cobble, organics (roots), glass, brick (FILL); moist			0.0	Sample RISB-18_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Dark Grey, fine to coarse Gravel, some fine to coarse Sand, little brick (FILL); moist	G	5	0.0	Odor observed from 2-5' bls
5						0.0	
	BEDR		Decomposed bedrock; moist		3.5	0.0	Sample RISB-18_8-10 collected from 8-10' bls and analyzed for TCL+30/TAL
10						0.0	Sample RISB-18_10-12 collected from 10-12' bls and analyzed for TCL+30/TAL
					2		

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RISB-19

Client: Sol on Park LLC	Site: NRP Sol on Park	Project Number: 2908.0011Y000
Address: 1451 Washington Ave	City/State: Bronx, NY	Logged By: M. Hollis

Start to Finish Date: 9/9/2024 - 9/12/2024	Contractor: Trinity Environmental Corp.	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 10 feet	Backfill: Soil Cuttings	Borehole Diameter: 2-inches	DTW:
Area: NM	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark Brown, fine to coarse SAND, little fine to coarse Gravel, trace silt, organics (roots), brick (FILL); moist			0.0	Sample RISB-19_0-2 collected from 0-2' bls and analyzed for TCL+30/TAL
	MIXD		Brown, fine to coarse SAND, little Silt, trace fine to coarse gravel, organics (roots), ceramic tile, brick (FILL); moist	G	5	0.0	
	MIXD		Brown, fine to coarse SAND, trace silt, fine to coarse gravel, brick (FILL); moist			0.0	
5	SWG		Brown fine to coarse SAND, little fine to coarse Gravel, trace organics (roots & wood); moist		4	0.0	Sample RISB-19_5-7 collected from 5-7' bls and analyzed for TCL+30/TAL
	BEDR		Decomposed bedrock; moist				Sample RISB-19_7-9 collected from 7-9' bls and analyzed for TCL+30/TAL

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APPENDIX F

SRI Soil Boring Logs

RISB-2

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/2/2025 - 12/2/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 6 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (wood, roots), trace fine gravel; moist.			0.0	
	SM		Brown, fine to coarse SAND and SILT, trace organics (roots) and weathered bedrock; moist.	G	6	0.0	Soil sample RISB-2 (2-4) was collected from 2 to 4 ft bls and analyzed for TCL SVOCs+TAL Metals.
5				G		0.0	Soil sample RISB-2 (4-6) was collected from 4 to 6 ft bls and analyzed for TCL SVOCs+TAL Metals.
						0.0	
			Bottom of borehole at 6 feet				

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RISB-3

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/2/2025 - 12/2/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 5 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
0	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (roots), Concrete, and Asphalt (FILL); moist.			0.0	
1	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (roots), trace concrete and asphalt (FILL); moist.			0.0	
2	MIXD		Brown, fine to coarse SAND and SILT, little fine to coarse Gravel; moist.	G	5	0.0	Soil sample RISB-2 (3-5) was collected from 3 to 5 ft bls and analyzed for TCL SVOCs + TAL Metals.
3	MLS		Brown, SILT and fine SAND, trace fine to medium gravel; moist.				
4			Bottom of borehole at 5 feet				

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RISB-5

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/4/2025 - 12/4/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 15 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little fine to coarse Gravel, trace organics (roots), brick, and concrete (FILL); moist.	G	5	0.0	Soil sample RISB-5 (0-2) was taken from 0 to 2 ft bls and analyzed for TCL + 30/TAL. Soil sample RISB-5 (0-2)_PFAS was taken from 0 to 2 ft bls and analyzed for PFAS.
	MIXD		Brown to dark brown, fine to coarse SAND, some Silt, little fine to coarse Gravel, trace organics (roots), brick, and concrete (FILL); moist.	G		0.0	Soil samples RISB-5 (2-4) and DUP_120425 were taken from 2 to 4 ft bls and analyzed for TCL + 30/TAL. Soil samples DUP_120425_PFAS and RISB-5 (2-4)_PFAS were taken from 2 to 4 ft bls and analyzed for PFAS.
5	SM		Brown, fine to coarse SAND and SILT, trace fine to coarse gravel; moist.	G		0.0	Soil sample RISB-5 (4-6) was taken from 4 to 6 ft bls and analyzed for TCL + 30/TAL. Soil sample RISB-5 (4-6)_PFAS was taken from 4 to 6 ft bls and analyzed for PFAS.
			WEATHERED BEDROCK.	G	2	0.0	Soil sample RISB-5 (6-8) was taken from 6 to 8 ft bls and analyzed for TCL + 30/TAL. Soil sample RISB-5 (6-8)_PFAS was taken from 6 to 8 ft bls and analyzed for PFAS.
10	BEDR			G		0.0	Soil sample RISB-5 (8-10) was taken from 8 to 10 ft bls and analyzed for TCL + 30/TAL. Soil sample RISB-5 (8-10)_PFAS was taken from 8 to 10 ft bls and analyzed for PFAS.
					3.5	0.0	
						0.0	

Bottom of borehole at 15 feet

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RISB-6

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/3/2025 - 12/3/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 10 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (roots, wood, grass), trace brick (FILL); moist.			0.0	Soil sample RISB-6 (2-4) was taken from 2 to 4 ft bls and analyzed for TCL SVOCs + TAL Metals.
	MIXD		Brown, fine to coarse SAND, some Silt, trace organics (roots); moist.	G	5	0.0	Soil sample RISB-6 (4-6) was taken from 4 to 6 ft bls and analyzed for TCL SVOCs + TAL Metals.
5	BEDR		White to light brown/yellow, WEATHERED BEDROCK.	G	5	0.0	
			Bottom of borehole at 10 feet				

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RISB-7

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/3/2025 - 12/3/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 10 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (roots), Brick and Concrete (FILL), trace asphalt, tile, glass (FILL), and coarse gravel; moist.			0.0	
				G	5	0.0	Soil sample RISB-7 (2-4) was taken from 2 to 4 ft bls and analyzed for TCL SVOCs + TAL Metals.
			WEATHERED BEDROCK.				
						0.0	Soil sample RISB-7 (4-6) was taken from 4 to 6 ft bls and analyzed for TCL SVOCs + TAL Metals.
5				C		0.0	
	BEDR					0.0	
					2.5		
						0.0	

Bottom of borehole at 10 feet

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RISB-8

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/2/2025 - 12/2/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 12 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (wood, roots), trace clay and brick (FILL); moist.			0.0	
			Brown, fine to coarse SAND, some Silt, little Organics (roots, wood), coarse Gravel, Brick, and Concrete (FILL), trace clay; moist.		4	0.0	
						0.0	
	MIXD					0.0	
5			Brown, fine to coarse SAND and SILT, trace fine gravel; moist.				
	SM					0.0	Soil sample RISB-8 (6-8) was collected from 6 to 8 ft bls and analyzed for TCL SVOCs + TAL Metals.
			WEATHERED BEDROCK.	G	3.5		
						0.0	Soil sample RISB-8 (8-10) was collected from 8 to 10 ft bls and analyzed for TCL SVOCs + TAL Metals.
	BEDR			G			
10						0.0	Soil sample RISB-8 (10-12) was collected from 10 to 12 ft bls and analyzed for TCL SVOCs + TAL Metals.
				G	1.5		

Bottom of borehole at 12 feet

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RISB-10

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/3/2025 - 12/3/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 15 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (roots), trace fine to coarse gravel and glass (FILL); moist.		2.5	0.0 0.0	
			Brown, fine to coarse SAND, little Silt, trace fine to coarse Gravel and concrete (FILL); moist.	G	1.5	0.0	Soil sample RISB-10 (3-5) was taken from 3 to 5 ft bls and analyzed for TCL SVOCs + TAL Metals.
5	MIXD			G		0.0	Soil sample RISB-10 (5-7) was taken from 5 to 7 ft bls and analyzed for TCL SVOCs + TAL Metals.
	SW-SM		Dark brown, fine to coarse SAND, little Silt, trace fine to coarse Gravel; moist.		1	0.0	
10	BEDR		WEATHERED BEDROCK.		3	0.0 0.0 0.0	

Bottom of borehole at 15 feet

ROUX STANDARD LOG - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.0001\Y000_SRI.GPJ

RISB-13

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000	
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres	
Start to Finish Date: 12/4/2025 - 12/4/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 20 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (wood, roots), trace brick and concrete (FILL); moist.				
	MIXD		Brown, fine to coarse SAND, some Silt, little Concrete and Brick (FILL); moist.	G	5	0.0	Soil sample RISB-13 (2-4) was taken from 2 to 4 ft bls and analyzed for TCL SVOCs + TAL Metals.
5				G		0.0	Soil sample RISB-13 (4-6) was taken from 4 to 6 ft bls and analyzed for TCL SVOCs +TAL Metals.
				G	2.5	0.3	Soil sample RISB-13 (6-8) was taken from 6 to 8 ft bls and analyzed for TCL SVOCs + TAL Metals.
	CONC		CONCRETE.			0.0	Soil sample RISB-13 (8-10) was taken from 8 to 10 ft bls and analyzed for TCL SVOCs + TAL Metals.
	SW-SM		Brown, fine to coarse SAND, some Silt, little fine to coarse Gravel; moist.	G			
10				G		0.2	Soil sample RISB-13 (10-12) was taken from 10 to 12 ft bls and analyzed for TCL SVOCs + TAL Metals.
	MLS		Grey-green, SILT, some fine to medium SAND; moist.		3.5	4.1	Odor and staining observed from 12.5 ft bls to 15 ft bls.
	MLS		Dark grey, SILT, some fine to medium SAND; moist.			1336	
15						238	
	SM		Greyish, fine to coarse SAND, some Silt; moist.			1040	
	BEDR		WEATHERED BEDROCK.			190 911 833 621	
						38	

Bottom of borehole at 20 feet

ROUX STANDARD LOG_ - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.0008Y000_SRI.GPJ

RISB-14

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/4/2025 - 12/4/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 10 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark bown, fine to coarse SAND, some Silt, little fine to coarse Gravel and Organics (roots, wood), trace asphalt and brick (FILL); moist.			0.0	
	MIXD		Greyish-Green, fine to medium GRAVEL, some fine to coarse Sand, little Silt, trace glass and asphalt (FILL); moist.		5	0.0 0.0	Soil sample RISB-14 (3-5) was taken from 3 to 5 ft bls and analyzed for TCL SVOCs + TAL Metals.
5	MIXD		Greyish brown, fine to coarse SAND, some fine Gravel, little Silt, trace medium gravel, glass, and asphalt (FILL); moist.	G		0.0	Soil sample RISB-14 (5-7) was taken from 5 to 7 ft bls and analyzed for TCL SVOCs + TAL Metals.
	SW-SM		Greyish brown, fine to coarse SAND, some Silt, little fine to medium Gravel; moist.	G	3.5	0.0 0.0	Soil sample RISB-14 (7-9) was taken from 7 to 9 ft bls and analyzed for TCL SVOCs + TAL Metals.

Bottom of borehole at 10 feet

ROUX STANDARD LOG - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.0001\Y000_SRI.GPJ

RISB-15

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000	
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres	
Start to Finish Date: 12/4/2025 - 12/4/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 13 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	CONC		CONCRETE.				
	MIXD		Light brown, fine to coarse SAND, little Silt and fine to medium Gravel, trace organics (roots), brick, concrete (FILL); dry.			0.0	
	MIXD		Brown, fine to coarse SAND, little Silt and fine to medium Gravel, trace organics (roots), brick, concrete (FILL); dry.		5	0.0	
5	MIXD		Brown, fine to coarse SAND, little Silt and fine to medium Gravel, trace organics (roots), brick, concrete (FILL); moist.			0.0	
	MIXD				2	0.2	
10				G		0.3	Soil sample RISB-15 (9-11) was taken from 9 to 11 ft bls and analyzed for TCL SVOCs + TAL Metals.
					2.5		Soil sample RISB-15 (11-13) was taken from 11 to 13 ft bls and analyzed for TCL SVOCs + TAL Metals.
	MLS		Greyish, SILT, some fine to coarse SAND; moist.	G			Odor and staining observed from 12 to 13 ft bls.
	SW-SM		Dark grey, fine to coarse SAND, little Silt and fine gravel; moist.			27	

Bottom of borehole at 13 feet

ROUX STANDARD LOG_ - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.0001\1Y000_SRI.GPJ

RISB-17

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/3/2025 - 12/3/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 10 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt and Organics (roots); moist.				
			Brown, fine to coarse SAND, some Silt, trace organics (roots); moist.				
	MIXD			G	5		Soil sample RISB-17 (2-4) was taken from 2 to 4 ft bls and analyzed for TCL SVOCs + TAL Metals.
							Soil sample RISB-17 (4-6) was taken from 4 to 6 ft bls and analyzed for TCL SVOCs + TAL Metals.
5			WEATHERED BEDROCK.	C			
	BEDR			G	2.5		Soil sample RISB-17 (6-8) was taken from 6 to 8 ft bls and analyzed for TCL SVOCs + TAL Metals.
					3		
			Bottom of borehole at 10 feet				

ROUX STANDARD LOG_ - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.00011Y000_SRI.GPJ

RISB-18

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/2/2025 - 12/2/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 8 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Asphalt, Concrete (FILL), and Organics (roots), trace coarse gravel; moist.				
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Brick, Asphalt, Concrete (FILL), and Organics (roots), trace coarse gravel; moist.			0.0	
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Brick, Asphalt, Concrete (FILL), Organics (roots), and fine to medium Gravel, trace coarse gravel; moist.	G	5	0.0	Soil sample RISB-18 (2-4) was collected from 2 to 4 ft bls and analyzed for TCL SVOCs + TAL Metals.
5	MIXD			C		0.0	Soil sample RISB-18 (4-6) was collected from 4 to 6 ft bls and analyzed for TCL SVOCs + TAL Metals.
	BEDR		WEATHERED BEDROCK.	G	2.5	0.0	Soil sample RISB-18 (6-8) was collected from 6 to 8 ft bls and analyzed for TCL SVOCs + TAL Metals.
			Bottom of borehole at 8 feet			0.0	

ROUX STANDARD LOG - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.00011Y000_SRI.GPJ

RISB-19

Client: NRP	Site: 1451 Washington Ave	Project Number: 2908.0008Y000
Address: 1451 Washington Ave	City/State: Bronx, New York	Logged By: E. Torres

Start to Finish Date: 12/2/2025 - 12/2/2025	Contractor: Trinity	Drill Type: Geoprobe	Sampler Type/Method: 2" Macro-Core
Borehole Depth: 5 feet	Backfill: Cuttings	Borehole Diameter: 4-inches	DTW: NM feet
Area: Bronx, NY	Elevation: NM	Latitude: NM	Longitude: NM

Depth (ft)	USCS	USCS Graphic	Visual Description	Sample Interval	Recovery (ft)	PID	Notes
	MIXD		Dark brown, fine to coarse SAND, some Silt, little Organics (wood, roots), trace asphalt (FILL); moist.			0.0	
1			Dark brown, fine to coarse SAND, some Silt and fine to coarse Gravel, little Brick, Asphalt, Concrete (FILL); moist.			0.0	
2	MIXD				5	0.0	
3			Brown, fine to coarse SAND, some Silt and fine to coarse Gravel, little Asphalt, Concrete (FILL), trace brick (FILL); moist.			0.0	Soil sample RISB-19 (3-5) was collected from 3 to 5 ft bls and analyzed for TCL SVOCs + TAL Metals.
4	MIXD			G			
	BEDR		WEATHERED BEDROCK.			0.0	

Bottom of borehole at 5 feet

ROUX STANDARD LOG - 1/16/26 15:55 - S:\GINT\PROJECTS\2908.0001\Y000_SRI.GPJ

APPENDIX G

RI/SRI Groundwater Sampling Forms

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-1 Weather: 40 Degrees, cloudy/rain

Date: 12/2/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.00 Water Column (ft): 10.12

Depth to Water(ft): 14.88 Volume of Water in Well (gal) 1.65

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 14:00 Purge Rate: 200 mL/min

End Purging: Volume of Water Removed (gal): 1.50

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-1, RIMW-1_PFAS

DUP_120225; MS/MSD

Time: RIMW-1 @ 14:50 ; RIMW-1_PFAS @ 14:45 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
14:08	15.51	200	301	1.49	27.8	7.19	16.85	3.30
14:13	15.84	200	301	1.50	1.9	7.18	16.71	2.39
14:18	16.15	200	302	1.50	1.8	7.17	16,78	2.28
14:23	16.47	200	301	1.50	0.6	7.17	16.79	2.18
14:28	16.8	200	302	1.50	0.7	7.15	16.76	2.31
14:33	17.16	200	302	1.51	0.7	7.15	16.75	2.22
14:38	17.36	200	301	1.50	0.6	7.16	16.82	2.24

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-4 Weather: 40 Degrees, cloudy/rain

Date: 12/2/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.40 Water Column (ft): 7.76

Depth to Water(ft): 17.64 Volume of Water in Well (gal) 1.27

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 945 Purge Rate: 200 mL/min

End Purging: 1023 Volume of Water Removed (gal): 1.25

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-4, RIMW-4_PFAS

DUP_120225_PFAS; MS/MSD

Time: RIMW-4 @ 12:25 ; RIMW-4_PFAS @ 12:40 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
11:48	17.88	200	260	1.93	11.0	5.93	10.8	5.68
11:53	18.11	200	261	1.85	4.0	6.19	11.75	4.37
11:58	18.18	200	261	1.85	2.9	6.20	11.77	4.30
12:03	18.27	200	262	1.84	1.5	6.22	11.83	4.24
12:08	18.36	200	263	1.82	1.4	6.23	11.86	4.07
12:13	18.43	200	264	1.78	1.2	6.24	11.67	3.88
12:18	18.51	200	265	1.76	0.6	6.29	11.58	3.80
12:23	18.53	200	266	1.78	0.7	6.31	11.04	3.26

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-5 Weather: 46 Degrees, cloudy

Date: 11/25/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.50 Water Column (ft): 7.92

Depth to Water(ft): 17.58 Volume of Water in Well (gal) 1.29

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 14:21 Purge Rate: 200 mL/min

End Purging: 15:58 Volume of Water Removed (gal): 2.25

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-6, RIMW-6_PFAS

Time: RIMW-6 @ 15:50 ; RIMW-6_PFAS @ 15:47 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
14:30	17.25	200	284	1.07	111.0	7.11	15.44	0.86
14:35	17.29	200	284	1.07	845.0	7.07	15.59	0.30
14:40	17.23	200	283	1.06	787.0	7.06	15.48	0.03
14:45	17.24	200	282	1.05	581.0	7.04	15.25	0.00
14:50	17.23	200	281	1.05	321.0	7.04	15.17	0.02
14:55	17.23	200	280	1.05	131.0	7.03	15.13	0.00
15:00	17.23	200	279	1.05	522.0	7.03	15.19	0.09
15:05	17.23	200	278	1.05	63.8	7.03	15.16	0.00
15:10	17.23	200	277	1.05	56.1	7.03	15.16	0.05
15:25	17.23	200	274	1.05	22.3	7.04	14.93	0.02

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-6 Weather: 46 Degrees, cloudy

Date: 11/25/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 19.78 Water Column (ft): 3.86

Depth to Water(ft): 15.92 Volume of Water in Well (gal) 0.63

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 10:17 Purge Rate: 200 mL/min

End Purging: 11:35 Volume of Water Removed (gal): 1.75

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-7, RIMW-7_PFAS

Time: RIMW-7 @ 11:25 ; RIMW-7_PFAS @ 11:20 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:24	16.11	200	153	1.17	31.6	6.97	16.37	9.77
10:29	16.07	200	158	1.18	30.3	6.92	16.34	3.57
10:34	16.06	200	166	1.18	22.1	6.90	16.34	3.11
10:39	16.06	200	169	1.17	22.2	6.91	16.36	2.60
10:44	16.06	200	174	1.17	18.8	6.91	16.38	2.80
10:49	16.06	200	177	1.17	17.9	6.90	16.42	2.74
10:54	16.06	200	182	1.17	16.3	6.93	16.46	2.49
10:59	16.05	200	185	1.17	14.5	6.92	16.47	2.44
11:04	16.05	200	188	1.18	12.4	6.92	16.47	2.54
11:09	16.05	200	190	1.18	13.6	6.94	16.48	2.43

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-7 Weather: 53 Degrees, cloudy

Date: 11/26/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 19.78 Water Column (ft): 3.86

Depth to Water(ft): 15.92 Volume of Water in Well (gal) 0.63

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 10:17 Purge Rate: 200 mL/min

End Purging: 11:35 Volume of Water Removed (gal): 1.75

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-7, RIMW-7_PFAS

Time: RIMW-7 @ 11:25 ; RIMW-7_PFAS @ 11:20 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:24	16.11	200	153	1.17	31.6	6.97	16.37	9.77
10:29	16.07	200	158	1.18	30.3	6.92	16.34	3.57
10:34	16.06	200	166	1.18	22.1	6.90	16.34	3.11
10:39	16.06	200	169	1.17	22.2	6.91	16.36	2.60
10:44	16.06	200	174	1.17	18.8	6.91	16.38	2.80
10:49	16.06	200	177	1.17	17.9	6.90	16.42	2.74
10:54	16.06	200	182	1.17	16.3	6.93	16.46	2.49
10:59	16.05	200	185	1.17	14.5	6.92	16.47	2.44
11:04	16.05	200	188	1.18	12.4	6.92	16.47	2.54
11:09	16.05	200	190	1.18	13.6	6.94	16.48	2.43

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-8 Weather: 53 Degrees, cloudy

Date: 11/26/2025 Purge Water Disposal: 55 Gallon Drum

Sampled By: ET Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.30 Water Column (ft): 2.62

Depth to Water(ft): 22.68 Volume of Water in Well (gal) 0.43

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 9:18 Purge Rate: 200 mL/min

End Purging: 10:10 Volume of Water Removed (gal): 1.00

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-8, RIMW-8_PFAS

Time: RIMW-8 @ 10:05 ; RIMW-8_PFAS @ 10:00 Laboratory : Eurofins

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
9:28	22.92	200	285	1.40	20.7	7.04	16.68	3.37
9:33	22.95	200	287	1.39	8.9	6.99	16.99	2.72
9:38	22.98	200	288	1.39	3.1	6.97	17.08	2.54
9:43	23.03	200	289	1.39	0.3	6.96	17.14	2.38
9:48	23.04	200	290	1.39	0.0	6.97	17.12	2.31
9:53	23.06	200	290	1.39	0.0	6.98	17.25	2.09
9:58	23.09	200	290	1.38	0.0	6.99	17.44	2.18

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-1 Weather: 64, Cloudy

Date: 10/1/2024 Purge Water Disposal: 55 Gallon Drum

Sampled By: EL Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 24.99 Water Column (ft):

Depth to Water(ft): 14.95 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 945 Purge Rate: 200 mL/min

End Purging: 1023 Volume of Water Removed (gal): 1.25

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-1, RIMW-1_P;Full Suite + EC

DUP_10012024_2

Time: 1025 and 1200 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
9:55	15.78	200	142	1.61	5.0	7.22	17.28	7.28
10:00	16.1	200	146	1.60	4.4	7.22	17.15	6.80
10:05	16.48	200	149	1.58	4.6	7.25	17.1	6.37
10:10	16.96	200	151	1.58	5.3	7.23	17.07	6.23
10:15	17.29	200	152	1.50	5.9	7.31	17.05	5.50
10:20	17.73	200	151	1.43	6.2	7.41	17.06	5.23
10:23	17.92	200	151	1.45	6.4	7.4	17.07	5.09

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-4 Weather: 67, Partly Cloudy

Date: 10/1/2024 Purge Water Disposal: 55 Gallon Drum

Sampled By: EL Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.00 Water Column (ft):

Depth to Water(ft): 17.26 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 1440 Purge Rate: 200 mL/min

End Purging: 1513 Volume of Water Removed (gal): 1.25

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-4;Full Suite

Time: 1515 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
14:48	17.58	200	156	0.812	0.7	6.69	16.97	7.09
14:53	17.74	200	168	0.815	1.1	6.61	16.02	6.04
14:58	17.91	200	174	0.818	1.7	6.59	15.8	5.81
15:03	18.06	200	177	0.820	2.0	6.59	15.84	5.63
15:08	18.24	200	179	0.815	1.8	6.60	15.77	5.46
15:13	18.36	200	181	0.814	1.7	6.59	15.71	5.27

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-5 Weather: 66, Cloudy

Date: 10/1/2024 Purge Water Disposal: 55 Gallon Drum

Sampled By: EL Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.01 Water Column (ft):

Depth to Water(ft): 16.45 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal): --

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 1305 Purge Rate: 200 mL/min

End Purging: 1340 Volume of Water Removed (gal): 1.25

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-5;Full Suite

Time: 1345 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
13:11	16.73	200	127	0.799	3.7	6.86	17.3	3.01
13:16	16.47	200	132	0.803	8.1	6.86	17.12	2.07
13:21	17.19	200	132	0.805	4.4	6.88	17.07	1.22
13:26	17.32	200	132	0.801	2.5	6.88	17.13	0.81
13:31	17.45	200	133	0.801	1.7	6.87	17.05	0.76
13:36	17.66	200	135	0.800	1.5	6.88	16.97	0.56
13:39	17.74	200	136	0.799	1.3	6.88	16.94	0.42

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-6 Weather: 65, Cloudy

Date: 10/1/124 Purge Water Disposal: 55 Gallon Drum

Sampled By: EL Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 25.29 Water Column (ft):

Depth to Water(ft): 16.63 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal): --

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 9:55 Purge Rate: 200 mL/min

End Purging: 10:33 Volume of Water Removed (gal): 2.5

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-6, RIMW-6_P;Full Suite + EC

Time: 10:33 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
10:00	16.75	200	137	0.942	49.8	7.49	18	1.98
10:05	16.75	200	145	0.937	34.0	7.18	17.24	0.11
10:10	16.75	200	146	0.935	24.5	7.15	17.09	1.54
10:15	16.75	200	144	0.934	17.3	7.19	17.00	0.00
10:20	16.75	200	143	0.931	10.2	7.21	16.82	0.00
10:25	16.75	200	140	0.930	5.7	7.24	16.81	0.00
10:30	16.75	200	138	0.930	4.8	7.29	16.77	0.00

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-7 Weather: 65, Cloudy

Date: 10/1/2024 Purge Water Disposal: 55 Gallon Drum

Sampled By: MH Well Diameter / Type: 2" Flushmount

Depth of Well (ft): 19.72 Water Column (ft):

Depth to Water(ft): 15.48 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal):

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 1315 Purge Rate: 200 mL/min

End Purging: 1415 Volume of Water Removed (gal): 2.0

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Turbid, no odor, provided additional pumping to eliminate sediment (clear at sample collection)

Samples Collected: (analyses / no. bottles) RIMW-7; Full Suite

Time: 1350 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C^o - F^o (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
13:20	15.75	200	166	1.31	291.0	7.40	20.28	6.80
13:25	15.72	200	172	1.33	180.0	7.45	19.49	7.54
13:30	15.72	200	177	1.33	116.0	7.44	19.28	10.55
13:35	15.72	200	182	1.33	72.1	7.42	19.00	10.60
13:40	15.72	200	186	1.34	53.6	7.40	18.96	10.41
13:45	15.72	200	190	1.34	49.5	7.37	18.71	10.43

ROUX

Well Sampling Data Form

Client: NRP **Project Number:** 2908.0011Y000

Site Location: Sol on Park

Well No: RIMW-8 Weather: 65, Cloudy

Date: 10/1/2024 Purge Water Disposal: 55 Gallon Drum

Sampled By: MH Well Diameter / Type: 2" Flushmount

Depth of Well (ft): Water Column (ft):

Depth to Water(ft): 22.05 Volume of Water in Well (gal)

Depth to Product (ft): -- Volume of Water to Remove (gal): --

well diameter:	1 in	**2 in**	4 in	6 in	8 in
gallons per foot:	0.041	**0.163**	0.653	1.469	2.611

Start Purging: 1444 Purge Rate: 200 mL/min

End Purging: 1514 Volume of Water Removed (gal):

Method of Purge: Peri-Pump Method of Sampling: Low-Flow

Physical Appearance/ Comments: Clear, no odor

Samples Collected: (analyses / no. bottles) RIMW-8;Full Suite

Time: 1520 Laboratory : Alpha

Field Measurements:

Time	DTW ft	Flow Rate ml/min	ORP mV (+/- 10 mV)	Conductivity mS/m - S/m (w/in 3%)	Turbidity NTU (w/in %10)	pH SU (+/- 0.1)	Temperature C° - F° (w/in 3%)	Dissolved O_2 mg/L (w/in 10%)
14:49	22.25	200	175	1.360	31.5	7.52	22.25	4.09
14:54	22.35	200	184	1.390	30.2	7.32	21.49	2.75
14:59	22.45	200	189	1.380	28.8	7.26	21.02	2.62
15:04	22.5	200	190	1.380	27.1	7.25	20.83	2.64
15:09	22.54	200	190	1.380	24.3	7.26	20.75	2.69
15:14	22.58	200	188	1.370	19.0	7.31	20.64	2.84

ROUX

APPENDIX H

RI Soil Vapor Sampling Forms

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 5 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 17800 ppm

Helium Rate from sample tubing: 0 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.23 in. of Hg		
Starting Time:	9:15	**Date:**	10/1/2024
Ending Time:	17:15	**Date:**	10/1/2024
Ending Pressure:	-6.45 in. of Hg		

Summa Canister Identification #:	1554
Flow Regulator ID #:	1080
Sample ID #:	RISV-1
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 7 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 3.8%

Helium Rate from sample tubing: 0 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.47 in. of Hg		
Starting Time:	9:04	**Date:**	10/1/2024
Ending Time:	17:04	**Date:**	10/1/2024
Ending Pressure:	-6.00 in. of Hg		

Summa Canister Identification #:	924
Flow Regulator ID #:	1285
Sample ID #:	RISV-2
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 7 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 12600 ppm

Helium Rate from sample tubing: 0 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.22 in. of Hg		
Starting Time:	9:09	**Date:**	10/1/2024
Ending Time:	17:09	**Date:**	10/1/2024
Ending Pressure:	-4.99 in. of Hg		

Summa Canister Identification #:	2921
Flow Regulator ID #:	1501
Sample ID #:	RISV-3
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 16 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 3.2%

Helium Rate from sample tubing: 200 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.38 in. of Hg		
Starting Time:	9:21	**Date:**	10/1/2024
Ending Time:	17:21	**Date:**	10/1/2024
Ending Pressure:	-8.15 in. of Hg		

Summa Canister Identification #:	2724
Flow Regulator ID #:	1247
Sample ID #:	RISV-4
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 7 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 2.1%

Helium Rate from sample tubing: 25 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.15 in. of Hg		
Starting Time:	9:00	**Date:**	10/1/2024
Ending Time:	17:00	**Date:**	10/1/2024
Ending Pressure:	-6.45 in. of Hg		

Summa Canister Identification #:	1829
Flow Regulator ID #:	59
Sample ID #:	RISV-7
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed:	Yes	
Sampling Depth:	7 feet	
Sealed at land surface :	Yes	
Purge Rate:	0.2 L/min	Must be less than 0.2 L/min
Purge Time:	2 min	
Helium Rate at enclosure:	2.1%	
Helium Rate from sample tubing:	25 ppm	Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.65 in. of Hg		
Starting Time:	9:00	**Date:**	10/1/2024
Ending Time:	17:00	**Date:**	10/1/2024
Ending Pressure:	-6.44 in. of Hg		

Summa Canister Identification #:	952
Flow Regulator ID #:	127
Sample ID #:	DUP_10012024_1
Analysis	TO-15
Laboratory	Pace

Comments

DUP_10012024_1 collected from RISV-7

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 7 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 2.8%

Helium Rate from sample tubing: 0 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.20 in. of Hg		
Starting Time:	9:06	**Date:**	10/1/2024
Ending Time:	17:06	**Date:**	10/1/2024
Ending Pressure:	-8.69 in. of Hg		

Summa Canister Identification #:	3335
Flow Regulator ID #:	1886
Sample ID #:	RISV-8
Analysis	TO-15
Laboratory	Pace

Comments

None

Soil Vapor Sampling Form

Date: 10/1/2024 **Time:** 7:30

Weather : Partly Cloudy

Temperature:	61 F	Humidity:	81%
Wind Magnitude:	8 MPH	Wind Direction:	NE
Barometric Pressure:	30.07"	Precipitation:	-

Sampling Team: Emery Lovekamp & Mauricio Hollis

Sampling Location: 1451 Washington Ave, Bronx, New York

Site Condition (i.e. any adjacent questionable facilities, vent pipes, tanks, etc. and type of basement present)

Vacant lot (former baseball field)

Prior to commencing the sampling activity, remove the brass cap from the end of the sample tubing and fit a new brass hose barb fitting onto the sample tubing.

Calibrate the Helium detection meter

Utility Clearance Completed: Yes

Sampling Depth: 7 feet

Sealed at land surface : Yes

Purge Rate: 0.2 L/min Must be less than 0.2 L/min

Purge Time: 2 min

Helium Rate at enclosure: 7200 ppm

Helium Rate from sample tubing: 0 ppm Is this rate <10% of the rate at the enclosure? **PASS**

If the Helium readings have a greater ratio than 10% the seals should be rechecked and the tracer gas should be reapplied.

Once the tracer gas screening procedures are completed and no short-circuiting is determined to be present at the location the soil vapor sample can be collected in a lab certified clean summa canister at a rate less than 0.2 L/min.

Is the Summa Canister Certified Clean and within the proper holding time ? Yes

Starting Pressure:	-30.44 in. of Hg		
Starting Time:	9:10	**Date:**	10/1/2024
Ending Time:	17:10	**Date:**	10/1/2024
Ending Pressure:	-5.56 in. of Hg		

Summa Canister Identification #:	3921
Flow Regulator ID #:	124
Sample ID #:	RISV-9
Analysis	TO-15
Laboratory	Pace

Comments

None

APPENDIX I

RI/SRI Analytical Data