43-25 52ND STREET

QUEENS, NEW YORK

Final Engineering Report

NYSDEC Site Number: C241269

Prepared for:

43-25 52 LLC

46-02 70th Street

Woodside, NY 11377

Prepared by:

YU & Associates, Inc.

611 River Drive, 3rd Floor

Elmwood Park, NJ 07407

201-791-0075

NOVEMBER 2025

CERTIFICATIONS

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

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

I certify that all use restrictions, Institutional Controls, Engineering Controls, and/or any operation and maintenance requirements applicable to the Site are contained in an environmental easement created and recorded pursuant ECL 71-3605 and that all affected local governments, as defined in ECL 71-3603, have been notified that such easement has been recorded.

I certify that a Site Management Plan has been submitted for the continual and proper operation, maintenance, and monitoring of all Engineering Controls employed at the Site, including the proper maintenance of all remaining monitoring wells, and that such plan has been approved by the Department.

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

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

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Chengyu Hang, of 611 River Drive, 3rd Floor, Elmwood Park, NJ 07407, am certifying as Owner's Designated Site Representative for the site.

108382-01	11-11-2025	
NYS Professional Engineer #	Date	Signature

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LIST OF ACRONYMS

Acronym	Definition
ASP	Analytical Services Protocol
BCA	Brownfield Cleanup Agreement
CAMP	Community Air Monitoring Program
CQAP	Construction Quality Assurance Plan
CVOC	Chlorinated Volatile Organic Compound
DCE	Dichloroethylene
DER	Division of Environmental Remediation
DUSR	Data Usability Summary Report
EC	Engineering Control
ECL	Environmental Conservation Law
EDD	Electronic Data Deliverable
ELAP	Environmental Laboratory Approval Program
ft bgs	Feet Below Ground Surface
FER	Final Engineering Report

FINAL ENGINEERING REPORT

1.0 BACKGROUND AND SITE DESCRIPTION

43-25 52 LLC (the Volunteer) entered into a Brownfield Cleanup Agreement (BCA) with the New York State Department of Environmental Conservation (NYSDEC) in May 2023, to investigate and remediate a 0.207-acre property located in Woodside, New York. The property was remediated to the restricted residential use, and will be used for mixed commercial and residential use.

The site is located in the County of Queens, New York and is identified as Block 1321 and Lot 10 on the New York City Tax Map for the Borough of Queens. The current Lot 10 configuration reflects a merger of two former tax lots, Lot 7 and Lot 10, which were consolidated into a single parcel as of April 14, 2025, during remediation; a Brownfield Cleanup Agreement (BCA) Amendment No. 2 was approved by NYSDEC on July 30, 2025 to reflect this lot consolidation. A United States Geological Survey (USGS) topographical quadrangle map (Figure 1) shows the Site location. The site is situated on an approximately 0.207-acre area bounded by Skillman Avenue to the north, Queens Blvd to the south, 52nd Street to the east, and residential properties to the west (see Figure 2). The boundaries of the site are fully described in Appendix A: Survey Map, Metes and Bounds.

An electronic copy of this FER with all supporting documentation is included as Appendix B.

2.0 SUMMARY OF SITE REMEDY

2.1 REMEDIAL ACTION OBJECTIVES

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

2.1.1 Groundwater RAOs

RAOs for Public Health Protection

- Prevent ingestion of groundwater containing contaminant levels exceeding drinking water standards.

2.1.2 Soil RAOs

RAOs for Public Health Protection

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

RAOs for Environmental Protection

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

2.1.3 Soil Vapor

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

2.2 DESCRIPTION OF SELECTED REMEDY

The site was remediated in accordance with the remedy selected by the NYSDEC in the Decision Document dated March 15, 2024.

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

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

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

    As part of the remedial program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis was completed. The environmental footprint analysis was completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), SiteWise$^{(TM)}$ (available in the Sustainable Remediation Forum [SURF] library) or similar Department accepted tool. Water consumption, greenhouse gas

emissions, renewable and non-renewable energy use, waste reduction and material use will be estimated, and goals for the project related to these green and sustainable remediation metrics, as well as for minimizing community impacts, protecting habitats and natural and cultural resources, and promoting environmental justice, was incorporated into the remedial program, as appropriate. The project included detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics were tracked during implementation of the remedial action and reported in this Final Engineering Report (FER), including a comparison to the goals established during the remedial program.

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

2. Excavation

Excavation and off-site disposal of all on-site soils which exceed restricted residential soil cleanup objectives (SCOs), as defined by 6 NYCRR Part 375-6.8 in the upper 15 feet. Excavation and removal of any underground storage tanks (USTs), fuel dispensers, underground piping or other structures associated with a source of contamination, if encountered. Approximately 1,027 cubic yards (CY) of material were removed from the site. Depth of excavation was extended approximately three feet throughout the site. Additional confirmation samples were collected following the development depth excavation to 12 feet. There were RRSCO exceedances in soils between 12 and 15 feet, remedial excavation had occurred to a maximum of 16 feet. a Track 2 restricted residential cleanup has been achieved, a Cover System is not a required element of the remedy.

Collection and analysis of confirmation samples at the remedial excavation depth was used to verify that SCOs for the site have been achieved. When

confirmation sampling indicated that SCOs were not achieved at the stated remedial depth, the Applicant had notified NYSDEC, submitted the sample results and, and in consultation with NYSDEC, determined that further remedial excavation is necessary. Further excavation for development will proceed after confirmation samples demonstrate that SCOs for the site have been achieved.

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

3. Backfill

   Clean fill meeting the requirements of 6 NYCRR Part 375-6.7(d) was brought in to replace the excavated soil and establish the designed grades at the site.

4. Soil Vapor Extraction

   Soil vapor extraction (SVE) has been implemented to remove volatile organic compounds (VOCs) from the subsurface and prevent the off-site migration of contaminated soil vapor. VOCs are physically removed from the soil by applying a vacuum to wells that have been installed into the vadose zone (the area below the ground but above the water table). The vacuum draws air through the soil matrix which carries the VOCs from the soil to the SVE well. The air extracted from the SVE wells is then treated as necessary prior to being discharged to the atmosphere. Specifics about the installation of the SVE are detailed in the remedial design report.

5. Vapor Mitigation

The on-site building has been equipped with an active sub-slab depressurization system to mitigate the migration of vapors into the building from the subsurface.

6. Institutional Controls

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

   - require the remedial party or site owner to complete and submit to NYSDEC a periodic certification of institutional and engineering controls in accordance with Part 375-1.8 (h)(3);
   - allow the use and development of the controlled property for restricted residential use, commercial use, or industrial use as defined by Part 375-1.8(g), although land use is subject to local zoning laws;
   - restrict the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the NYSDOH or NYCDOHMH; and
   - require compliance with the NYSDEC approved Site Management Plan.

7. Site Management Plan

   Development and implementation of a Site Management Plan which includes the following:

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

      – Institutional Controls: The Environmental Easement is discussed in remedial element 6 above.

- Engineering Controls: The soil vapor extraction system discussed in remedy element 4, the vapor mitigation system discussed in remedial element 5, and contingent site cover discussed in remedial element 8.

This plan includes, but may not be limited to:

- an Excavation Plan which details the provisions for management of future excavations in areas of remaining contamination;
- descriptions of the provisions of the environmental easement including any land use, and groundwater;
- provisions for the management and inspection of the identified engineering controls;
- maintaining site access controls and NYSDEC notification; and
- the steps necessary for the periodic reviews and certification of the institutional and/or engineering controls.

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

- monitoring of soil vapor to assess the performance and effectiveness of the remedy;
- a schedule of monitoring and frequency of submittals to NYSDEC; and
- monitoring for vapor intrusion for any buildings on the site, as may be required by the Institutional and Engineering Control Plan discussed above.

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

- procedures for operating and maintaining the remedy;
- compliance monitoring of treatment systems to ensure proper O&M as well as
- providing the data for any necessary permit or permit equivalent reporting;
- maintaining site access controls and NYSDEC notification; and
- providing the NYSDEC access to the site and O&M records.

8. Contingent Remedial Elements

   In the event that Track 2 restricted residential use is not achieved, the following contingent remedial elements will be required, and the remedy will achieve a Track 4 restricted residential cleanup.

9. Cover System

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

3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS

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

4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED

DER-31: Green Remediation provides the framework for DER's approach to remediating sites in the context of the larger environment, a concept known as "Green Remediation". Consistent with DER-31, the remedial program evaluated and, where practicable, incorporated measures to minimize the environmental footprint of implementation of the remedial activities. Details of specific sustainable or greener cleanup activities evaluated and implemented during the remedy are included in Section 4.2.6.

Remedial activities completed at the site were conducted in accordance with the NYSDEC-approved RAWP for the 43-25 52nd St site (February, 2024) and NYSDEC-issued DD (March 15, 2024). All deviations from the RAWP are noted below in Section 4.11.

4.1 GOVERNING DOCUMENTS

4.1.1 Site Specific Health & Safety Plan (HASP)

A site-specific HASP was prepared by YU and addressed the requirements for all remedial and invasive work performed at the site. HASP-related activities included:

- Developing and implementing health and safety plan in conformance with §29 CFR 1910.120 and project requirements.
- Medical surveillance for site personnel.
- Providing information, education and training, including HAZWOPER training and certification for site personnel.
- Delineating on-site personnel responsibilities and contact information.
- Monitoring VOCs and PM10 particulates with a PID and a Dusttrak 8530 dust monitor, respectively.
- Identifying chemical and physical hazards known to be present at the site. Primary chemical hazards present at the site were PCBs and CVOCs. Field measurement tools such as PCBs test kit and PID were used to delineate specific chemical hazard area, and proper PPE was occupied accordingly.
- Establishment of a decontamination zone, as well as support and exclusion zones. Decontamination of equipment, PPE and field personnel were conducted after each day's work and before end-point sampling.

- Ensuring proper use of PPE for different project activities. A modified level D PPE was used during construction of underpinning along west perimeter and chemical mixing event. A level D PPE was used for other activities.
- Maintaining a record of work-related illness, injuries, and accidents.
- Preparation for emergencies.

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

Project personnel and visitors were given periodic on-site health and safety briefings by the site health and safety officer, or designee, to assist site personnel in safely conducting their work activities. The briefings included information on new operations to be conducted, changes in work practices or the site's environmental conditions. Personnel signatures were collected on the health and safety sign-in sheet after the debriefing. The HASP and copies of the sign-in sheets were included in Appendix C. The Health and Safety Plan (HASP) was complied with for all remedial and invasive work performed at the Site.

4.1.2 Quality Assurance Project Plan (QAPP)

The QAPP was included as Appendix I of the RAWP approved by the NYSDEC. The QAPP describes the specific policies, objectives, organization, functional activities and quality assurance/ quality control activities designed to achieve the project data quality objectives. The QAPP also describes proposed sampling and analytical methods for end-point sampling in accordance with procedures outlined in the DER-10 (May 2010).

4.1.3 Construction Quality Assurance Plan (CQAP)

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

NYSDEC was the primary regulatory agency responsible for observing and monitoring the progress of remediation activities at the site. YU was retained by the Volunteer to design, implement, and oversee the Remedial Action in accordance with the RAWP. A Construction Manager (CM) from W&L Group Construction Inc. provided professional construction management in connection with the project and implemented the CQAP. The CQAP included the following:

- Responsibilities and authorities of the organizations and key personnel involved in the design and construction of the remedy.
- The observations and tests that were used to monitor construction and the frequency of performance of such activities.
- The sampling activities, sample size, sample locations, frequency of testing, acceptance and rejection criteria, and plans for implementing corrective measures as addressed in the plans and specifications.
- Requirements for project coordination meetings between the Volunteer and its representatives, the Construction Manager, Excavation Contractor, remedial or environmental subcontractors, and other involved parties. Detailed information is included in section 4.2.1.
- Description of the reporting requirements for quality assurance activities including such items as daily summary reports, schedule of data submissions, inspection data sheets, problem identification and corrective measures reports, evaluation reports, acceptance reports, and final documentation.
- Description of the final documentation retention provisions.

4.1.4 Soil/Materials Management Plan (SoMP)

The SoMP was incorporated in the approved RAWP as Section 5.4. The SoMP included detailed plans for managing soils/materials that were disturbed at the site, including soil excavation, handling, storage, transport and disposal. It also included the controls that were applied to these efforts to assure effective, nuisance-free performance in compliance with all applicable Federal, State and local laws and regulations.

The SoMP described the approach to managing, transporting and disposing soil, demarcation, backfill and excavation from the site. The handling and transporting of material removed from the site to a suitable off-site disposal facility was monitored by the Remedial Engineer, Chengyu Hang from YU & Associates. Also, the identification of the

impacted materials during excavation, the implementation of support of excavation, the selection of samples for waste characterization and the control plan of odor and dust were determined by a remediation inspector under the direction of the Remedial Engineer. The details of SoMP are described in the following paragraphs.

Visual, olfactory and PID soil screening and assessment were performed by a qualified environmental professional or experienced field geologist under the direction of the Remedial Engineer during remedial and development excavations into known or potentially contaminated material. Soil screening was performed regardless of when the invasive work was done and included all excavation and invasive work performed during the remedy and during development phase.

Stockpile areas were separately constructed for soil staging on the Site to avoid the potential inter-mixing of different materials. Stockpile areas fulfilled the requirements indicated below:

- One layer of 20-mil-thick polyethylene sheeting with proper thickness and sufficient strength was required to prevent puncture when placing the excavated soil.
- Stockpiles were covered upon reaching maximum capacity until ready for loading. Stockpiles with enough space were also covered at the end of each workday.
- Stockpiles were inspected at a minimum once each week and after every storm event. Results of inspections were recorded in a logbook and maintained at the Site and available for inspection by NYSDEC.
- Stockpiles were kept covered at all times with appropriately anchored tarps. Stockpiles were routinely inspected and damaged tarp covers we promptly replaced.

The handling and transporting of material removed from the site to a suitable off-site disposal facility was monitored by the Remedial Engineer. Also, the identification of the impacted materials during excavation, shoring of excavations, the selection of samples for waste characterization, and the implementation of the odor and dust control plan were overseen by a qualified environmental professional under the direction of the Remedial Engineer.

After the completion of soil removal and any other invasive remedial activities and prior to backfilling, a physical demarcation layer consisting of Mirafi 140N geotextile fabric was placed on the bottom of the remedial excavation to provide a visual reference.

Approximately one foot of gravel was placed on top of the demarcation layer across the site. Gravel specification and DEC approvals are detailed in section 4.5. All materials proposed for import into the site was approved by the Remedial Engineer and was in compliance with provisions in the RAWP prior to receipt at the Site.

4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)

Based on the scope of work and a review of the applicable requirements under the New York City Department of Environmental Protection's Unified Stormwater Rule, a Stormwater Pollution Prevention Plan (SWPPP) was not required for this project. The construction does not involve soil disturbance of 20,000 square feet (sq ft) or more, nor does it result in the creation of 5,000 sq ft or more of new impervious surface. As the project falls below both regulatory thresholds, it was exempt from SWPPP submission and approval requirements.

4.1.6 Community Air Monitoring Plan (CAMP)

A CAMP was incorporated in the HASP, which is included in Appendix C. Continuous dust monitoring was performed for ground-intrusive activities and during the demolition of contaminated or potentially contaminated structures. Ground-intrusive activities included, but were not limited to, soil/waste excavation and handling, test pitting or trenching, and soil mixing.

Periodic monitoring for VOCs was required during both intrusive and non-intrusive activities such as excavation, soil load-out, stockpiling, and the collection of soil end-point samples. "Periodic" monitoring during sample collection consisted of taking a reading upon arrival at a sample location, monitoring while collecting the sample, and taking a reading prior to leaving a sample location. CAMP results are summarized in Section 4.2.5, and CAMP data is included in Appendix D.

4.1.7 Contractors Site Operations Plans (SOPs)

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

- Support-of-excavation (SOE) plan provided by the structural engineer, Times Building P.C.,
- Backfill gravel specification provided by Tilcon New York,

Vapor barrier specification provided by Axon.

4.1.8 Community Participation Plan

The Community Participation Plan (CPP) was included in the final RAWP and approved by NYSDEC on March 15, 2024. The CPP provides information about public involvement during the investigation and cleanup of the Site. The CPP lends transparency to remediation projects by providing the public with information on the proposed plans and an outlet to voice concerns to limit the impact a remediation project may have on the surrounding community. The CPP established a protocol for citizen participation, including creating a document repository to contain a copy of all applicable project documents. A certification of mailing list was sent to the NYSDEC project manager following the distribution of Fact Sheets and notices that include: (1) certification that Fact Sheets were mailed; (2) the date they were mailed; (3) a copy of the Fact Sheets; (4) a list of recipients (contact list).

No changes will be made to the approved Fact Sheets authorized for release by NYSDEC without written consent of the NYSDEC.

Document repositories were established at the following locations and are being used to provide the public with convenient access to important project documents. It will be updated to contain all applicable project documents including this Final Engineering Report (FER). Following approval of the FER, a final Fact Sheet will be issued to notify the public that the Certificate of Completion (COC) has been issued.

Queens Community Board 2 43-22 50th Street, Suite 2B Woodside, New York 11377 Tel: 718-533-8773 Fax: 718-533-8777 Email: qn02@cb.nyc.gov	Queens Library at Woodside 54-22 Skillman Ave Woodside, NY 11377 Tel: (718) 429-4700	DECInfo Locator Site https://gisservices.dec.ny.gov/gis/dil/

4.2 REMEDIAL PROGRAM ELEMENTS

4.2.1 Contractors and Consultants

The Agency supervising the remedial activities is NYSDEC. The Remedial Engineer for this project is Chengyu Hang P.E. from YU & Associates Engineers, P.C and the Remediation Inspectors are Matthew O'Rourke, David Huang, and Vrunda Pujara from YU & Associates Engineers, P.C. The Site Safety Officer is G Prakash from Axon. The following contractors also implemented tasks as follows:

In-Text Table I: List of Contractors and Consultants

Contractor/Subcontractor Name	Associated Tasks
Axon	Drilling, excavation, installation of SOE, and cover system installation
YU & Associates Engineers, P.C.	Remediation oversight, end-point sampling, and community air monitoring
Times Building, P.C.	SOE and structural engineer
Architects Studio, P.C.	Architect
PAL Environmental Services, Inc (PAL)	SSDS and SVE system installation
Earth Efficient, LLC	Soil disposal coordination
Bluesky Builder	General Contractor, Remedial Contractor and Construction Management
York Analytical, Inc	Analytical analysis of soil samples
Environmental Data Services, Inc	Data Usability Summary Report (DUSR) for end-point soil samples
XRDS Recycling and Middlesex County Utilities Authority Landfill	Disposal Facility for historical fill

4.2.2 Site Preparation

Mobilization

Following approval of the RAWP from NYSDEC and notice to proceed, YU and the remediation contractor (BlueSky Builder) mobilized necessary materials and equipment to the site. Stockpile, decontamination areas, and egress points were designated as part of mobilization. A NYSDEC-approved project sign was erected at the project entrance and remained in place during all phases of the Remedial Action. A pre-construction meeting was held with NYSDEC and all contractors on March 19, 2024.

Stabilized Construction Entrance

During remediation, a truck wash area was located immediately before the site's stone-based egress path so that trucks could be decontaminated prior to departure from the Site. Truck and equipment egress points and adjacent sidewalks/roadways were maintained during the remediation so that they were clear of dirt and other materials.

Site Fencing

The entire site perimeter was secured and fenced using plywood prior to the start of the remedial and construction activities.

Equipment and Material Staging

Appropriate equipment and materials staging areas were designated during remediation by the Construction Manager so as to facilitate remediation and prevent cross-contamination.

Agency Approval and Permits

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

All SEQRA requirements and all substantive compliance requirements for attainment of applicable natural resource or other permits were achieved during this Remedial Action.

4.2.3 General Site Controls

Site security

Site security regarding excavation, handling, stockpiling and decontamination was fulfilled during both operational and non-operational hours. The level of site security was contingent upon the site location and performance. Perimeter fencing was installed primarily around the work area to restrict public site access, while other security measures such as temporary fencing, barrier tape, and warning signs were also employed as necessary.

- Perimeter Fencing: An approximately eight-foot high (8') plywood fence was installed around the perimeter of the construction site. Three site access gates located on the south perimeter were constructed. Site access gates were locked while the site was closed to prevent unauthorized access. Fence construction and location specifications met the requirements of the NYC Building Code and contractor's permit application including the approved Site Safety Plan.

- Temporary Fencing: Perimeter fencing was supplemented by temporary fencing, which was approximately 8' high and installed with posts driven into the ground. Fine, orange mesh netting was installed on the temporary fencing.
- Barrier Tape & Warning Signs: Barrier tape and warning signs were installed or posted as needed to delineate and restrict access to any potential unsafe zones such as excavation area, decontamination area, stockpiling area, etc.

Job site record keeping

Photos were taken of remedial activities. Field notes were kept by the on-site field personnel. Electronic copies of daily reports were prepared by YU and submitted to NYSDEC and NYSDOH Project Managers in a timely manner.

Equipment Decontamination / Residual Waste Management

Equipment decontamination was completed on-site in order to prevent potential off-site dispersion of any contaminated materials. Excavator buckets were brushed to clean off any loose soil and debris while excavating different types of contaminated media. All removed soil and debris were then placed into the disposal truck hauling the corresponding type of contaminated media and disposed in the same manner as that media.

Soil screening results

Visual, olfactory and PID soil screening and assessment were performed by a qualified environmental professional or experienced field geologist under the direction of the Remedial Engineer during remedial and development excavations into known or potentially contaminated material. Soil screening was performed regardless of when the invasive work was done and included all excavation and invasive work performed during the remedy and during development phase. PID monitoring was conducted on a regular basis within the work zone to monitor the potential worker exposure to vapor. While there were PID readings in the work zone that exceeded 5 ppm, which is the action level defined in the site-specific HASP, these were all of short duration (less than 15 minutes) or limited to a certain location. If the PID reading indicated a vapor concentration above the action level (5 ppm) in the work zone, personnel who were working in this area were instructed to don proper PPE.

Stockpile methods

Stockpile areas were separately constructed for soil staging on the site to avoid the potential inter-mixing of different materials. Stockpile areas fulfilled the minimum requirements shown as below:

- One layer of 20 mil thick polyethylene sheeting with proper thickness and sufficient strength was required to prevent puncture when placing the excavated soil.
- The soil was placed and removed by equipment using procedures to protect the liner.
- Stockpiles were covered upon reaching maximum capacity until ready for loading. Stockpiles with enough space were also covered at the end of each work day.
- Stockpiles were inspected at a minimum once each week and after every storm event. Results of inspections were recorded in a logbook and maintained at the Site and available for inspection by NYSDEC.
- Stockpiles were kept covered at all times with appropriately anchored polyethylene sheeting. Stockpiles were routinely inspected and damaged tarp covers were be promptly replaced.

4.2.4 Nuisance controls

Truck Wash and Egress Housekeeping

During remediation, a truck wash area was established on the site's stone-based egress path (construction stabilized entrance) so that trucks could be decontaminated prior to departure from the Site. Truck and equipment egress points and adjacent sidewalks/roadways were maintained during the remediation so that they were clear of dirt and other materials. During the earlier stage of the remediation, the stabilized entrance was located in the middle of the southern perimeter. During the later stage, the stabilized entrance was relocated to the southwest corner of the site.

Truck routing and measures

Truck traffic used the haul route that avoided residential side streets, schools, and parks. Queuing and staging mostly occurred inside the Site; on-street idling and parking were limited as much as possible. Hauling was generally limited to weekday daytime hours, with flaggers and signage at the gate as needed. Loads were tarped and sealed; a stabilized entrance, wheel wash as needed, and prompt street sweeping controlled track-out. Dust was managed with water misting; equipment was maintained to minimize noise. Per the HASP/CAMP, perimeter real-time monitoring for particulates/VOCs was implemented with stop-work/corrective actions if triggers were reached.

Dust Control

Dust control measures on-site included the following:

- Dust suppression was achieved through the use of a hose connected to the hydrant off-site. The use of the hydrant was permitted by NYCDEP.
- Gravels were used as internal site roadways to provide a clean and dust-free road surface for trucks and machines to be operated upon.
- Concurrent machine and truck operations for excavation were limited to minimize the exposed area capable of generating potential dust and requiring water-spraying mitigation.

Odor Control

Periodic monitoring was conducted by YU to observe for potential nuisance odors. No significant odor issue was identified for the Site during remediation. Odor control protocols were in place throughout remediation as preventive measures. Odor control measures included: (a) limiting the area of open excavations; and (b) shrouding open excavations with tarps and other covers.

4.2.5 CAMP results

YU personnel was on-site for oversight of the construction excavation along with remedial activities. Dust monitoring and PID screening were conducted during soil excavation and removal. If nuisances were identified or elevated readings were observed, control measures were performed until nuisances had been abated to acceptable level pursuant to the CAMP . Dust monitoring data and PID readings remained generally below the action levels during remedial and development activities. Monitoring was performed from April 1, 2024 to August 19, 2024, and the results are included in Appendix D. Exceedances of dust monitoring action levels were observed and are summarized in the following table:

In-Text Table 2: CAMP Results Summary

Date	Exceedance Level (mcg/m^3)	CAMP Station Location	Remarks	Corrective Action Completed
4/4/2024	0.925	Downwind	Spikes in dust readings were due to pile driving during strong wind.	The exceedance was the result of a short-term wind event. Dust levels decreased naturally and returned to compliant

				levels without requiring on-site intervention.
4/5/2024	0.267	Downwind	Spikes in dust readings were due to pile driving during strong wind.	The exceedance was the result of a short-term wind event. Dust levels decreased naturally and returned to compliant levels without requiring on-site intervention.
4/8/2024	0.216	Downwind	Spikes in dust readings were due to pile driving during strong wind.	The exceedance was the result of a short-term wind event. Dust levels decreased naturally and returned to compliant levels without requiring on-site intervention.
4/9/2024	0.151	Downwind	Spike in dust readings were due to excavation for lagging occurring adjacent to the dust monitor	The exceedance was the result of a short-term wind event. Dust levels decreased naturally and returned to compliant levels without requiring on-site intervention.
4/10/2024	0.395	Downwind	Spike in dust readings were due to excavation for lagging occurring adjacent to the dust monitor	Dust suppression measures were implemented, including water application to active work areas (e.g., drilling/excavation) to reduce airborne particulates. Dust levels subsequently returned to within acceptable limits.
4/11/2024	0.128	Downwind	Spike in dust readings were due to the demolition and	Water was sprayed directly at the demolition area to suppress airborne dust, and

			handling of structural materials and debris	debris was promptly contained and covered to prevent further dispersion.
4/12/2024	0.157	Downwind	Spike in dust readings were due to the demolition and handling of structural materials and debris	Water was sprayed directly at the demolition area to suppress airborne dust, and debris was promptly contained and covered to prevent further dispersion.
4/18/2024	0.245	Downwind	Spike in dust readings were due to the demolition and handling of structural materials and debris	Water was sprayed directly at the demolition area to suppress airborne dust, and debris was promptly contained and covered to prevent further dispersion.
5/10/2024	0.531	Downwind	Increased dust levels were observed due to heavy equipment and truck movement over unpaved or dry site surfaces	Water was applied to unpaved travel routes and work zones to reduce dust generation.
5/17/2024	0.700	Downwind	Dust emissions occurred during active stockpiling of soil, with fine particles becoming airborne due to wind exposure and material handling.	The soil stockpile was dampened with water and covered with tarpaulin to prevent windblown dust. Additional perimeter misting was used to contain particulates.
5/8/2024	0.322	Downwind	High dust readings likely due to humidity after thunderstorm, no significant amount of dust observed	No Corrective Action

5/9/2024	0.364	Downwind	Dust emissions occurred during active stockpiling of soil, with fine particles becoming airborne due to wind exposure and material handling.	The soil stockpile was dampened with water and covered with tarpaulin to prevent windblown dust. Additional perimeter misting was used to contain particulates.

Copies of all field data sheets relating to the CAMP are provided in electronic format in Appendix D.

4.2.6 Best Management Practices

Best Management Practices (BMPs) were implemented at the site to reduce the environmental footprint during construction activities, in accordance with applicable regulatory requirements and sustainable construction principles. The following measures were undertaken:

- **Dust Control**: Community Air Monitoring Program (CAMP) was conducted in accordance with NYSDEC DER-10 guidance. Dust suppression methods, including periodic water spraying of exposed soil surfaces, access roads, excavation areas, and soil stockpiles, were employed to minimize airborne particulates and maintain compliance with real-time dust action levels.
- **Noise and Vibration Minimization**: Construction equipment was operated in accordance with local noise ordinances. Equipment was fitted with functioning mufflers, and high-noise activities were scheduled during appropriate working hours to minimize impact on nearby residents.
- **Stormwater Management**: Site grading was managed to prevent ponding and uncontrolled runoff. Temporary drainage swales and berms were used to direct surface water away from active work zones and prevent erosion.
- **Material Handling and Spill Prevention**: All construction materials, including potentially hazardous substances such as fuels and lubricants, were stored in designated areas with secondary containment. Spill kits were maintained on-site, and personnel were trained in spill response procedures.
- **Vehicle Idling and Emission Reduction**: Construction vehicles and equipment were subject to anti-idling protocols to reduce greenhouse gas emissions. Equipment was maintained regularly to ensure optimal fuel efficiency.

Community Impact Minimization: Signage and fencing were installed around the site perimeter to ensure public safety. Regular communication was maintained with nearby stakeholders regarding construction schedules and potential disruptions.

4.2.7 Reporting

Electronic copies of daily reports were submitted to NYSDEC and NYSDOH Project Managers by the end of each day following the reporting period and the reports included the following components:

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

Daily reports included a description of daily activities keyed to a site map for the Site that identifies work areas. These reports included a summary of air sampling results, odor and dust problems and corrective actions, and all complaints received from the public. The NYSDEC assigned project number appeared on all reports. All daily and monthly reports are included in electronic format in Appendix F.

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

4.3 CONTAMINATED MATERIALS REMOVAL

The objectives for the remedial program were established through the remedy selection process stated in 6 NYCRR Part 375. The SCOs for the Site identified in the RAWP were for Track 2 Restricted Residential Use cleanup. A list of the soil cleanup objectives (SCOs) for the contaminants of concern for this project is provided in Table 1. The contaminated materials removal portion of the remedial program set out to restore the Site to pre-disposal conditions to the extent practicable based on existing conditions. The remedial excavation was performed in two phases: remedial excavation of contaminated soil in the upper 3 feet below ground surface (bgs) and the over-excavation of the area surrounding endpoint sample EP-40, and construction excavation from 3 to 12 feet bgs to

achieve the building foundation design requirements. The total area of excavation is approximately 9,000 sq ft and a total of 1391.4 tons (approximately 1,027 CY) of non-hazardous soil were removed from the site and transported for off-site disposal at the appropriate soil disposal facilities.

A table showing the total quantities of each category of material removed from the site and the disposal locations is included as Table 16. A figure of the location of original sources and areas where excavations were performed is shown in Figure 3. All contaminated soil was removed in accordance with the RAWP and Decision Document. The soil excavations and removals performed as part of the remedy are described in Section 4.3.1.

4.3.1 Non-Hazardous Soil Removal

Between April 2 and June 10, 2024, non-hazardous soil/fill from the site was excavated, stockpiled or directly loaded onto trucks by Axon. The non-hazardous soil/fill area was sitewide. After remedial soil excavation, the entire site was excavated to approximately 3 ft bgs. Over-excavation was performed in the vicinity of the end-point sample EP-40 as it failed to achieve the Track 2 RRSCOs, and the over-excavation bottom was extended to approximately 14-16 ft bgs. Contour map of estimated cut and fill thicknesses for remedial activities at the site is included in Figure 4.

4.3.1.1 Contained-In Determination Request

On April 2, 2024, YU submitted Contained-In Determination Requests to NYSDEC Division of Material Management, concerning the contaminated soil onsite. The reports summarized the results of soil sampling conducted at the Site for NYSDEC's review. In the NYSDEC approval letter, the remedial excavation of 0-3 ft soil sitewide did not have to be managed as hazardous waste when transported to a permitted solid waste landfill with a liner and leachate collection system. The contain-in request determinations are included in Appendix H.

4.3.2.1 Disposal Details

Waste characterization was performed at the Site from June 18 to 26, 2023, and a total of 9 borings were installed to the depth of 10 ft bgs. Soil samples were collected at each boring from the 0 to 5 feet and 5 to 10 feet intervals and analyzed for Toxicity Characteristic Leaching Procedure (TCLP) Metals, TAL Metals, total cyanide, TCL VOCs, TCL SVOCs, PCB, pesticides, Hex Chromium, Total Petroleum Hydrocarbons (TPH) –

DRO, ignitibility, corrosivity, and reactivity. The waste classification sample information is summarized in Table 2. A summary of the samples collected to characterize the waste, and associated analytical results are summarized on Table 3 and 4.

Additional delineation samples were collected in the vicinity of boring B-6 due to the elevated lead detection during the RI. Lead and TCLP lead were analyzed for the four delineation samples. Analytical results showed the TCLP lead was not detected, and the total lead was detected at maximum concentration of 8.3 mg/kg below the UUSCOs and RRSCOs. A summary of the delineation samples results is shown on Table 5.

Table 6 shows the total quantities of each category of material removed from the site and the disposal locations.

Letters from the Volunteer to disposal facility owners and acceptance letters from disposal facility owners are attached in Appendix I.

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

4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING

Following the removal of impacted soils from the subject property, an end-point sampling program was implemented. The end-point samples demonstrate that the remedy has achieved the RRSCOs. The following subsections detail the end-point sampling program for soil.

4.4.1 End-Point Sampling Frequency

End-point confirmation soil sampling included one sample collected from the bottom of each sidewall for every 30 linear feet of sidewall and one sample from the excavation bottom for every 900 sq ft of bottom area in accordance with the requirements of 6 NYCRR Part 375 and DER-10. Confirmation sample locations and depths were biased toward the areas and depths of highest contamination identified during previous sampling episodes. In addition to applicable end-point samples at the base of excavation, subsurface samples were collected from the 12 to 15-foot bgs interval following the same sampling frequency to confirm there is no yet undocumented soil above applicable SCOs at this depth. The end-point sampling plan is included as Figure 5.

Over-excavation was performed in the vicinity of end-point sample EP-40 to achieve RRSCOs. Approximately 2 to 4 feet of petroleum-impacted soil were removed from the area surrounding EP-40. The final remedial excavation depths ranged from 14-16

ft bgs. The impacted soil exhibited petroleum odors and elevated PID readings, with the highest reading recorded at 46.9 ppm. However, no visible staining or discoloration was observed in the soils. In accordance with NYSDEC spill reporting requirements, the observed conditions did not meet the criteria for a reportable spill, as there was no visible evidence of a release and the estimated quantity of petroleum present in the soil was less than 5 gallons. The petroleum impacts were confined to soil located immediately adjacent to the support of excavation (SOE) system, specifically behind the wood lagging. Overlying soils between the ground surface and this depth were free of petroleum odors, staining, and other visual indicators of impact, and analytical results from these intervals met UUSCOs. The absence of impacts in overlying soils, combined with the location of the impacted zone directly behind the SOE, indicates that the petroleum contamination likely originated from an off-site source and migrated laterally into the excavation area.

The extent and depth of excavation was guided by field screening results including PID readings and olfactory evidence of petroleum contamination. These findings were communicated daily with the NYSDEC Project Manager through daily reports. Excavation continued until PID readings were reduced to background levels and petroleum odors were no longer detected, indicating that all impacted soil had been removed to the extent practicable.

Following the over-excavation, end-point confirmation soil samples were collected from the bottom and each perimeter of the over-excavation area. The over-excavation area and sample locations are shown in Figure 6.

4.4.2 Methodology

Per NYSDEC DER-10, end-point samples were collected using the grab sampling method. For collection of volatile organic compound samples, samples were collected from zero to six-inch interval at the excavation floor within 24 hours of excavation, or from six to twelve inches after 24 hours. No water was present in the excavation bottom where bottom samples are collected. Samples were collected with laboratory-supplied, pre-cleaned sample containers, placed in storage/transportation coolers, preserved with ice, kept at the temperature of approximately 4° C, and shipped under proper chain of custody procedures to York Analytical Laboratory, an NYSDOH ELAP-certified laboratory, for analysis. End-point soil samples were analyzed using the following analytical methods;

- TCL VOCs by USEPA Method 8260;
- TCL SVOCs by USEPA Method 8270;

- Pesticides by USEPA Method 8081;
- PCBs by USEPA Method 8082;
- TAL metals by USEPA Method 6010/7473.

For the over-excavation areas, samples were collected using grab sampling methods and were analyzed for CP-51 Table 2 and 3 VOCs by York Analytical.

4.4.3 Results

Based on the end-point and the over-excavation verification samples' analytical results, no VOCs, SVOCs, Pesticides, PCBs, and Metals exceeded the RRSCOs at the final remedial excavation depths. The analytical data were submitted to NYSDEC in complete Analytical Services Protocol (ASP) Category B deliverables, and also in the standardized Electronic Data Deliverable (EDD) EQuIS format. The documentation of EDD acceptance is included in Appendix Q. Tables summarizing all end-point sampling locations, depths and results are included in Table 7 to 12. The raw analytical laboratory data is included in Appendix K.

4.4.4 QA/QC

Samples were analyzed by York Analytical Laboratory pursuant to the NYSDOH ELAP (67326) for the category of parameters. Each set of samples were analyzed concurrently with method blanks, matrix spikes (MS), matrix spike duplicates (MSD), and laboratory duplicates. The MS/MSD samples were designated by the field personnel. The details of QA/QC procedures are provided in the Quality Assurance Project Plan, included as Appendix I of the February 2024 RAWP.

4.4.5 DUSR

The accuracy and the precision of the analytical results were evaluated by a qualified, independent, data validation specialist. Data Usability Summary Reports (DUSRs) were prepared for all data generated in this remedial performance evaluation program. The DUSR includes the determination of whether the data meets the project-specific criteria for quality and data use. These DUSRs are included in Appendix L, and associated raw is provided electronically in Appendix K.

4.5 IMPORTED BACKFILL

The ASTM #57 stone was imported from Mount Hope Quarry in Mount Hope, NJ for construction of the SSDS trench and gas permeable layer. Prior to bringing the material, specification of the stone was provided to the NYSDEC project manager for review and approval. A table of all sources of imported backfill with quantities for each source is shown in Table 12. DEC approvals and gravel specification are provided in Appendix P. A figure showing the site locations where backfill was used at the site is shown in Figure 4.

4.6 CONTAMINATION REMAINING AT THE SITE

Based on the soil end-point sample results, the RRSCOs were achieved for all on-site soils upon completion of the Remedial Action. Remaining contamination at the Site includes the soil, groundwater and soil vapor located beneath the building foundation system.

4.6.1 Soil

A Restricted-Residential Use remedy was achieved for the Site. Remaining impacts in soil were documented in the RI sample B-2 collected from beneath the remedial excavations between 60 and 62 feet bgs, where arsenic and hex chromium were detected at concentrations exceeding the UUSCOs but below the RRSCOs. Table 17 and Figure 9 summarize the results of all soil samples collected that exceed the Unrestricted Use SCOs and the restricted residential Use SCOs at the site after completion of remedial action.

4.6.2 Groundwater

Groundwater sample collected during RI indicated VOCs (chloroform), SVOCs (PAHs), natural occurring metals (chromium, lead, manganese, nickel, sodium, and selenium) and PFAS contamination above the Class GA groundwater criteria. Chloroform was not detected in any of the soil samples, the detections of chloroform in groundwater samples are likely from off-site sources. Groundwater and Site use restrictions to prevent exposure to remaining groundwater contamination are included in the Environmental Easement. Table 18 and Figure 10 summarize the results of all samples of groundwater that exceed the SCGs after completion of the remedial action.

4.6.3 Soil Vapor

Soil vapor contamination remains at the site, as indicated by soil vapor samples collected during the July 2023 Remedial Investigation (RI). Analytical results identified

the presence of CVOCs, including tetrachloroethene (PCE), trichloroethene (TCE), and cis-1,2-dichloroethylene (cis-1,2-DCE), at elevated concentrations sitewide. The RI soil vapor samples were collected at depths below the new development building foundation and remain representative of subsurface vapor conditions following implementation of the remedy. Therefore, the existing RI data are considered appropriate for evaluating residual soil vapor contamination. To address the potential for vapor intrusion and mitigate subsurface impacts, a SSDS and a SVE system have been installed at the site. These systems are designed to reduce soil vapor concentrations and prevent the migration of vapors into occupied spaces. Ongoing operation and monitoring of these systems will continue as part of the remedial program under a NYSDEC-approved Site Management Plan. Table 4 and Figure 12 of the 2024 RIR summarize the results of all samples of soil vapor.

On June 5, 2025, three indoor air samples were collected in the apartment storage/recreation room, gym, and the laundry room of the cellar, and an outdoor ambient air sample was collected in the backyard of the first floor. At the time of the June 2025 indoor/outdoor air sampling event, the building structure was completed but there was ongoing interior work, and the heating, ventilation, and cooling system was not operating due to the outdoor temperature. The indoor air samples and the outdoor ambient air sample were collected for the duration of 24 hours. The indoor air sample analytical results were compared with the Upper Fence criteria within the Table C1 NYSDOH 2003: Study of volatile organic chemicals in air of fuel oil heated homes. Results indicated that that most CVOCs were non-detect across all samples. Low-level detections of carbon tetrachloride and tetrachloroethylene were reported in both indoor and outdoor air samples. The concentrations of these CVOCs were comparable between indoor and outdoor air, suggesting that indoor detections are attributable to background ambient air rather than vapor intrusion from subsurface sources. Additionally, all soils with contamination exceeding RRSCOs were previously removed as part of the Remedial Action.

On November 3, 2025, three indoor air samples were collected in the apartment storage room, gym, and the meter room of the cellar, and one outdoor ambient air sample was collected in the backyard of the first floor. At the time of the November 2025 indoor/outdoor air sampling event, the building development was completed, and the heating system was operating at least 24 hours prior to and during the collection of indoor air samples. The indoor air samples and the outdoor ambient air sample were collected for the duration of 24 hours. The indoor air sample analytical results were compared with the

Upper Fence criteria within the Table C1. Results indicated that no CVOCs were detected in across all samples. Two compounds, Isopropylbenzene (cumene) and Methyl Methacrylate (MMA), were detected in two indoor air samples at concentrations slightly above the criteria. Given that MMA is known to spike from acrylics/plexiglass, adhesives/caulks, floor polish/finishes, and repair glues —typical indoor/background sources and marginal nature of the cumene result, and the results are not indicative of indicate a subsurface vapor intrusion condition. These findings support the conclusion that the installed SSDS and SVE systems are effectively mitigating vapor intrusion. The indoor/outdoor air sample analytical results table is shown in Table 14.

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

4.7 BUILDING FOUNDATION SYSTEM

Since the endpoint soil samples indicated that the RRSCOs were achieved for soils site-wide, a site cover system was not required as part of the Track 2 remedy. However, a building foundation system has been installed across the site as part of the construction. The building foundation system is comprised of a minimum of a layer of Mirafi 140N geotextile fabric (6-inch overlap), Drago® wrap vapor intrusion membrane (sealed 6-inch overlap, sealed to exterior walls and around penetrations), and 6 inches of concrete slab with sealed penetrations. Appendix M shows the locations and cross sections for each cover type used on the site.

4.8 OTHER ENGINEERING CONTROLS

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

4.8.1 Sub Slab Depressurization System

Exposure to contaminated soil vapor is mitigated by the SSDS installed beneath the building. The SSDS generates a constant vacuum in the subgrade material below the vapor barrier to evacuate vapor phase contaminants that may otherwise accumulate below the

vapor barrier, eliminating the potential for these contaminants to migrate into the proposed building. The following describes components, materials, and general layout of the installed SSDS system:

- A 12-inch thickness of ASTM #57 stone under the entire building footprint as a gas permeable layer;
- Geotextile fabric below the aggregate to prevent migration of fines from sub-base material into the gas permeable layer;
- 4 SSDS suction pits filled with ASTM #57 stone measuring 4 ft by 4 ft by 1 ft deep; pits were framed with concrete blocks and covered with a steel plate, and a 4-inch schedule 40 PVC pipe with mesh cover and fabric wrapped was placed horizontally and terminated in the middle of the pits
- The horizontal piping extends horizontally towards the edge of building wall, and connects with a 4-inch PVC riser leg which extends through the basement slab;
- Pipe manifolds, which combine the four PVC riser legs into one 4-inch PVC pipe riser, extend to 5 feet above the roof of the new building. A RadonAway Checkpoint Mitigation System Alarm, a RadonAway Easy Read manometer and a Georg Fischer ball valve were installed on each of the riser legs in the basement. The alarm system includes an audible alarm, a green and red LED light readout, a low voltage transformer, and tubing, power cord and screws;
- The riser pipe is run vertically up through the roof connecting with a wall-mounted blower and an exhaust stack. The blower was equipped with a variable frequency drive (VFD) to allow adjustment of the fan speeds to optimize system efficiency.
- To further enhance system performance, a booster fan was installed on the riser below the ceiling of the basement level. This booster fan increases the vacuum pressure within the SSDS piping network, supporting more effective vapor extraction from the sub-slab environment;
- Five permanent monitoring points (SSDS-MP-1 through SSDS-MP-5) were installed across the building slab. The monitoring point consists of a ¼ -inch

stainless steel pipe penetrated into the building subbase material and terminated at 2 inches below, a threaded plug with valve, and a steel 4-inch round deck flush mounted watertight cleanout gasket.

The location and components of the SSDS are shown in Figure 7. As-built drawings for the underground components of the SSDS are included in Appendix N. Following initial startup of the active SSDS, a pressure test was performed at the monitoring points on May 20, 2025 and on October 9, 2025 at the three additional monitoring points as requested by NYSDEC. The gas riser indicated the vacuum readings of -0.34 inches of water. A magnehelic vacuum gauge was connected to the monitoring point and the readings ranging from -0.03 to -0.554 inches of water (in-wc). Figure showing the vacuum reading from each monitoring point is included as Figure 7. The design vacuum goal for the riser is -0.1 in-wc, and for the sub-slab vacuum is -0.004 in-wc. The vacuum readings obtained below the slab indicate the sub-slab depressurization system operates as designed. Procedures for monitoring, operating and maintaining the SSD system are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.8.2 SVE System

The off-site migration of residual contaminated soil vapor underneath the building is prevented through the operation of an SVE system. The SVE system was installed on the perimeters of the Site and CVOCs hotspot areas to remove CVOC contaminant mass in unsaturated soil below the basement slab that was not excavated during development. The SVE system consists of a network of eight (8) extraction wells eac with a radius of influence (ROI) of 25 ft, a blower, treatment units, two vacuum monitoring point, and exhaust stack. The extraction wells are constructed of the 2-inch diameter PVC with 5 feet of 0.010-inch slot pipe screened at the 15-20 ft bgs interval to match the depth of contamination at each well location based on RI results. Connected horizontal piping from each well is equipped for flow measurement. A SVE enclosure containing the blower, manifolds, moisture separator, treatment units and alarm system was installed for utilization at the Site and powered by the building's electrical infrastructure. SVE wells are connected to the enclosure's blowers and related accessories. The effluent passes through a vapor-phase granular activated carbon (VPGAC) treatment prior to discharge via a PVC stack on the rooftop in accordance with the emission requirements set forth in 6NYCRR Part 212. Five permanent vacuum monitoring points (MP-SVE-1 through MP-SVE-5) were installed across the building slab. The location and components of the SVE System

are shown in Figure 8. As-built drawings for the underground components of the SVE System are included in Appendix N.

Following initial startup of the SVE system, startup testing was performed at the monitoring point on May 20, 2025 and on October 9, 2025 at the three additional monitoring points as requested by NYSDEC. The following testing results were obtained during the start-up process:

1. **System Calibration and Equipment Check**
   All system components, including the blower, valves, and monitoring instruments, were inspected, adjusted, and calibrated as necessary. The control panel and instrumentation responded appropriately to manual testing and system commands.
2. **Visual Inspection of SVE Piping**
   A comprehensive visual inspection of all accessible SVE piping was conducted. No cracks, damage, or leaks were observed. All joints and connections were secure, and no sealing repairs were necessary.
3. **System Functionality Check**
   The system was powered on and off multiple times to confirm operational reliability. The blower initiated without delay, and all control indicators functioned as expected.
4. **Vacuum Measurements**
   Vacuum pressure was measured at the blower inlet and at the designated sub-slab monitoring point. The readings are as follows:
   a. Blower Inlet Vacuum: -2.3 in-wc
   b. Sub-slab Monitoring Point Vacuum: -0.32 to -1.174 in-wc
      The system successfully maintained sub-slab negative pressure exceeding the design goal of -0.01 in-wc.
5. **PID Readings – Carbon Vessel Efficiency**
   Photoionization Detector (PID) readings were recorded to evaluate vapor concentrations before and after the activated carbon vessels:
   a. Influent (pre-carbon): 3.2 ppm
   b. Effluent (post-carbon): 0.4 ppm

A table summarizing the influent and effluent sample analysist results is included as Table 15. Figure showing the vacuum reading from each monitoring point is included as Figure 8. The influent and effluent sample results showed that most VOCs were not detected in the effluent samples. However, a few compounds were present in one or both samples, with some observed increases in the effluent results. Specifically, 2-butanone and acetone concentrations were higher in the effluent sample compared to the influent, with levels rising from 16 to 300 micrograms per cubic meter (µg/m³) for 2-butanone and from 82 to 210 µg/m³ for acetone. These elevated values in the effluent may be due to off-gassing from internal components or system desorption. The results suggest that the SVE system

continues to function as intended, although further evaluation may be warranted to assess the source of specific compound increases.

Overall, the start-up testing confirmed that the SVE system was installed correctly, is operating as designed, and is achieving the performance criteria required for effective vapor mitigation. Procedures for monitoring, operating and maintaining the SVE system are provided in the Operation and Maintenance Plan in Section 4 of the Site Management Plan (SMP). The Monitoring Plan also addresses inspection procedures that must occur after any severe weather condition has taken place that may affect on-site ECs.

4.9 INSTITUTIONAL CONTROLS

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

The environmental easement for the site was executed by the Department on June 20, 2025, and filed with the Office of the City Register of the City of New York on July 16, 2025. The City Register Filing Identifier number for this filing is 2025000188344. A copy of the easement and proof of filing is provided in Appendix O.

4.10 GREEN AND SUSTAINABLE REMEDIATION PRINCIPLES

4.10.1 Environmental Footprint Analysis

An environmental footprint analysis for the remedial action was completed using SiteWise™ (available in the SURF library), an NYSDEC-accepted environmental footprint calculator. This analysis was completed to track the energy consumption and emissions generated as part of the implementation of the remedy. The model was populated with project-specific activities associated with the remedy at this Site, including:

- Disposal of approximately 1391.4 tons (approximately 1,027 CY) of soil from the Site to two different facilities;
- 105 personnel roundtrips to oversee implementation the remedy;
- Import of approximately 149.98 tons of bluestone to the Site from one facility;

- Approximately 9,000 square feet of continuous vapor barrier system which was installed as a green remediation construction measure for the Site
- Installation of eight SVE extraction wells to 20 feet bgs (2-inch diameter);
- Installation of one (1) 3.5-horsepower SVE blower with associated accessories and a rooftop exhaust;
- Construction of four (4) SSDS suction pits with one (1) rooftop riser and two (2) SSDS blowers serving approximately 9,000 sq ft of slab area.

Using these inputs and the anticipated operating schedules for the SSDS/SVE systems, the SiteWise™ model estimated total energy use and associated air emissions. The resulting estimates are summarized in Table 19 – SiteWise™ Estimated Energy Use & Air Emissions for Remedial Action and were used to identify opportunities to minimize environmental footprint (e.g., high-efficiency equipment selection, trip consolidation). Detailed assumptions and SiteWise™ input sheets are provided in Appendix R.

4.10.2 Climate Change Vulnerability Assessment

A Climate Screening Checklist was completed for the Site as part of this remedial design. The climate screening did not indicate that a Climate Change Vulnerability Assessment was necessary. The Climate Screening Checklist is included in Appendix R.

4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN

During the implementation of the remedial activities, soil analytical results at location EP-40 indicated exceedances of VOCs above the Track 2 cleanup criteria. As a result, over-excavation was performed in the vicinity of end-point sample EP-40. Approximately 2 to 4 feet of petroleum-impacted soil were removed from the area surrounding EP-40. The final remedial excavation depths ranged from 14-16 ft bgs. This activity deviated from the originally planned excavation limits and should be noted as a field adjustment made in response to site conditions to achieve the remedial goals.

Table 1
Soil Cleanup Objectives
43-25 52nd St
Woodside, NY 11377
Project No. 22254

Contaminant	CAS Number	Unrestricted Use	Residential Use
Metals			
Arsenic	7440-38-2	13	16
Barium	7440-39-3	350	350
Beryllium	7440-41-7	7.2	14
Cadmium	7440-43-9	2.5	2.5
Chromium, hexavalent	18540-29-9	1	22
Chromium, trivalent	16065-83-1	30	36
Cobalt	7440-48-4	30	30
Copper	7440-50-8	50	270
Total Cyanide		27	27
Iron	7439-89-6	2000	2000
Lead	7439-92-1	63	400
Manganese	7439-96-5	1600	2000
Total Mercury		0.18	0.81
Nickel	7440-02-0	30	140
Selenium	7782-49-2	3.9	36
Silver	7440-22-4	2	36
Vanadium	7440-62-2	100	100
Zinc	7440-66-6	109	2200
PCBs/Pesticides			
2,4,5-TP Acid (Silvex)	93-72-1	3.8	58
4,4'-DDE	72-55-9	0.0033	1.8
4,4'-DDT	50-29-3	0.0033	1.7
4,4'-DDD	72-54-8	0.0033	2.6
Aldrin	309-00-2	0.005	0.019
alpha-BHC	319-84-6	0.02	0.097
beta-BHC	319-85-7	0.036	0.072
Chlordane (alpha)	5103-71-9	0.094	0.91
delta-BHC	319-86-8	0.04	100
Dibenzofuran	132-64-9	7	14
Dieldrin	60-57-1	0.005	0.039
Endosulfan I	959-98-8	2.4	4.8
Endosulfan II	33213-65-9	2.4	4.8
Endosulfan sulfate	1031-07-8	2.4	4.8
Endrin	72-20-8	0.014	2.2
Heptachlor	76-44-8	0.042	0.42
Lindane	58-89-9	0.1	0.28
Polychlorinated biphenyls	1336-36-3	0.1	1
Semivolatile Organic Compounds (SVOCs)			
Acenaphthene	83-32-9	20	100
Acenapthylene	208-96-8	100	100
Anthracene	120-12-7	100	100

Table 1
Soil Cleanup Objectives
43-25 52nd St
Woodside, NY 11377
Project No. 22254

Contaminant	CAS Number	Unrestricted Use	Residential Use
Benz(a)anthracene	56-55-3	1	1
Benzo(a)pyrene	50-32-8	1	1
Benzo(b)fluoranthene	205-99-2	1	1
Benzo(g,h,i)perylene	191-24-2	100	100
Benzo(k)fluoranthene	207-08-9	0.8	1
Chrysene	218-01-9	1	1
Dibenz(a,h)anthracene	53-70-3	0.33	0.33
Fluoranthene	206-44-0	100	100
Fluorene	86-73-7	30	100
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5
m-Cresol	108-39-4	0.33	100
Naphthalene	91-20-3	12	100
o-Cresol	95-48-7	0.33	100
p-Cresol	106-44-5	0.33	34
Pentachlorophenol	87-86-5	0.8	2.4
Phenanthrene	85-01-8	100	100
Phenol	108-95-2	0.33	100
Pyrene	129-00-0	100	100
Volatile Organic Compounds (VOCs)			
1,1,1-Trichloroethane	71-55-6	0.68	100
1,1-Dichloroethane	75-34-3	0.27	19
1,1-Dichloroethene	75-35-4	0.33	100
1,2-Dichlorobenzene	95-50-1	1.1	100
1,2-Dichloroethane	107-06-2	0.02	2.3
cis-1,2-Dichloroethene	156-59-2	0.25	59
trans-1,2-Dichloroethene	156-60-5	0.19	100
1,3-Dichlorobenzene	541-73-1	2.4	17
1,4-Dichlorobenzene	106-46-7	1.8	9.8
1,4-Dioxane	123-91-1	0.1	9.8
Acetone	67-64-1	0.05	100
Benzene	71-43-2	0.06	2.9
n-Butylbenzene	104-51-8	12	100
Carbon tetrachloride	56-23-5	0.76	1.4
Chlorobenzene	108-90-7	1.1	100
Chloroform	67-66-3	0.37	10
Ethylbenzene	100-41-4	1	30
Hexachlorobenzene	118-74-1	0.33	0.33
Methyl ethyl ketone	78-93-3	0.12	100
Methyl tert-butyl ether	1634-04-4	0.93	62
Methylene chloride	75-09-2	0.05	51
n-Propylbenzene	103-65-1	3.9	100
sec-Butylbenzene	135-98-8	11	100

Table 1
Soil Cleanup Objectives
43-25 52nd St
Woodside, NY 11377
Project No. 22254

Contaminant	CAS Number	Unrestricted Use	Residential Use
tert-Butylbenzene	98-06-6	5.9	100
Tetrachloroethene	127-18-4	1.3	5.5
Toluene	108-88-3	0.7	100
Trichloroethene	79-01-6	0.47	10
1,2,4-Trimethylbenzene	95-63-6	3.6	47
1,3,5-Trimethylbenzene	108-67-8	8.4	47
Vinyl chloride	75-01-4	0.02	0.21
Xylene (mixed)	1330-20-7	0.26	100

Notes:
1. The Soil Cleanup Objectives (SCOs) are obtained from 6 NYCRR Part 375 Table 6.8(a) and 6.8(b), and CP-51 Table 1.
2. All soil cleanup objectives are in parts per million (ppm).

Table 2
Waste Classification Soil Sample Program Summary
43-25 52nd Street, Woodside, New York
Project No. 22254

Sample ID	Boring Location	Intervals (ft bgs)	Sample Method	Testing Parameters
WC-1-1	B-4	0-5	Grab	TCL VOCs
WC-1-1	B-3,B-4,B-5,B-6, B-9	0-2 and 3-5	Composite	TCL SVOC, TAL metal, PCB, Pesticides, TPH, TCLP metals, Total Cyanide, Hexa-Chromium, RCRA list
WC-1-2	B-4	5-10	Grab	TCL VOCs
WC-1-2	B-3. B-4,B-5,B-6, B-9	5-7 and 8-10	Composite	TCL SVOC, TAL metal, PCB, Pesticides, TPH, TCLP metals, Total Cyanide, Hexa-Chromium, RCRA list
WC-2-1	B-1	0-5	Grab	TCL VOCs
WC-2-1	B-1, B-2, B-7. B-8	0-2 and 3-5	Composite	TCL SVOC, TAL metal, PCB, Pesticides, TPH, TCLP metals, Total Cyanide, Hexa-Chromium, RCRA list
WC-2-2	B-1	5-10	Grab	TCL VOCs
WC-2-2	B-1, B-2, B-7. B-8	5-7 and 8-10	Composite	TCL SVOC, TAL metal, PCB, Pesticides, TPH, TCLP metals, Total Cyanide, Hexa-Chromium, RCRA list

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
Compound	**CAS Number**			**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
				Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Total Petroleum Hydrocarbons-GRO (C5-C10)											
Total Petroleum Hydrocarbons-GRO		~	~	ND	94.1	ND	83	ND	496	ND	76.6
VOA, 8260 MASTER											
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1-Dichloroethane	75-34-3	0.27	26	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2,4-Trimethylbenzene	95-63-6	3.6	52	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2-Dibromoethane	106-93-4	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2-Dichloroethane	107-06-2	0.02	3.1	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,2-Dichloropropane	78-87-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,3,5-Trimethylbenzene	108-67-8	8.4	52	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,3-Dichlorobenzene	541-73-1	2.4	49	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,4-Dichlorobenzene	106-46-7	1.8	13	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
1,4-Dioxane	123-91-1	0.1	13	ND	0.046	ND	0.054	ND	0.059	ND	0.046
2-Butanone	78-93-3	0.12	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
2-Hexanone	591-78-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Acetone	67-64-1	0.05	100	ND	0.0046	ND	0.0054	0.045	0.0059	ND	0.0046
Acrolein	107-02-8	~	~	ND	0.0046	ND	0.0054	ND	0.0059	ND	0.0046
Acrylonitrile	107-13-1	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Benzene	71-43-2	0.06	4.8	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Bromochloromethane	74-97-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Bromodichloromethane	75-27-4	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Bromoform	75-25-2	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Bromomethane	74-83-9	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Carbon disulfide	75-15-0	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Carbon tetrachloride	56-23-5	0.76	2.4	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Chlorobenzene	108-90-7	1.1	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Chloroethane	75-00-3	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Chloroform	67-66-3	0.37	49	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
				mg/kg		mg/kg		mg/kg		mg/kg	
Compound	**CAS Number**			**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Chloromethane	74-87-3	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
cis-1,2-Dichloroethylene	156-59-2	0.25	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Cyclohexane	110-82-7	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Dibromochloromethane	124-48-1	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Dibromomethane	74-95-3	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Dichlorodifluoromethane	75-71-8	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Ethyl Benzene	100-41-4	1	41	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Hexachlorobutadiene	87-68-3	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Isopropylbenzene	98-82-8	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Methyl acetate	79-20-9	~	~	ND	0.0023	ND	0.0027	0.013	0.0029	ND	0.0023
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Methylcyclohexane	108-87-2	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Methylene chloride	75-09-2	0.05	100	0.0076	0.0046	ND	0.0054	0.0077	0.0059	ND	0.0046
n-Butylbenzene	104-51-8	12	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
n-Propylbenzene	103-65-1	3.9	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
o-Xylene	95-47-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
p- & m- Xylenes	179601-23-1	~	~	ND	0.0046	ND	0.0054	ND	0.0059	ND	0.0046
p-Isopropyltoluene	99-87-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
sec-Butylbenzene	135-98-8	11	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Styrene	100-42-5	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
tert-Butylbenzene	98-06-6	5.9	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Tetrachloroethylene	127-18-4	1.3	19	0.0041	0.0023	0.0049	0.0027	0.019	0.0029	ND	0.0023
Toluene	108-88-3	0.7	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Trichloroethylene	79-01-6	0.47	21	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Trichlorofluoromethane	75-69-4	~	~	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Vinyl Chloride	75-01-4	0.02	0.9	ND	0.0023	ND	0.0027	ND	0.0029	ND	0.0023
Xylenes, Total	1330-20-7	0.26	100	ND	0.0069	ND	0.0082	ND	0.0088	ND	0.0069
SVOA, 8270 MASTER											
1,1-Biphenyl	92-52-4	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2,4-Dichlorophenol	120-83-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
				mg/kg		mg/kg		mg/kg		mg/kg	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD
2,4-Dimethylphenol	105-67-9	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2,4-Dinitrophenol	51-28-5	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2-Chloronaphthalene	91-58-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2-Chlorophenol	95-57-8	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2-Methylnaphthalene	91-57-6	~	~	ND	0.0454	ND	0.0451	0.151	0.0449	ND	0.0437
2-Methylphenol	95-48-7	0.33	100	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
2-Nitroaniline	88-74-4	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
2-Nitrophenol	88-75-5	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
3- & 4-Methylphenols	65794-96-9	0.33	100	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
3-Nitroaniline	99-09-2	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
4-Chloroaniline	106-47-8	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
4-Nitroaniline	100-01-6	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
4-Nitrophenol	100-02-7	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
Acenaphthene	83-32-9	20	100	ND	0.0454	ND	0.0451	0.383	0.0449	ND	0.0437
Acenaphthylene	208-96-8	100	100	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Acetophenone	98-86-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Aniline	62-53-3	~	~	ND	0.181	ND	0.18	ND	0.179	ND	0.175
Anthracene	120-12-7	100	100	ND	0.0454	ND	0.0451	0.692	0.0449	ND	0.0437
Atrazine	1912-24-9	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Benzaldehyde	100-52-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Benzidine	92-87-5	~	~	ND	0.181	ND	0.18	ND	0.179	ND	0.175
Benzo(a)anthracene	56-55-3	1	1	ND	0.0454	ND	0.0451	1.34	0.0449	ND	0.0437
Benzo(a)pyrene	50-32-8	1	1	ND	0.0454	ND	0.0451	1.1	0.0449	ND	0.0437
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.0454	ND	0.0451	0.996	0.0449	ND	0.0437
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.0454	ND	0.0451	0.484	0.0449	ND	0.0437
Benzo(k)fluoranthene	207-08-9	0.8	3.9	ND	0.0454	ND	0.0451	0.963	0.0449	ND	0.0437
Benzoic acid	65-85-0	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Benzyl alcohol	100-51-6	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Benzyl butyl phthalate	85-68-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
Compound	**CAS Number**			**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
				Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Caprolactam	105-60-2	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
Carbazole	86-74-8	~	~	ND	0.0454	ND	0.0451	0.375	0.0449	ND	0.0437
Chrysene	218-01-9	1	3.9	ND	0.0454	ND	0.0451	1.24	0.0449	ND	0.0437
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.0454	ND	0.0451	0.186	0.0449	ND	0.0437
Dibenzofuran	132-64-9	7	59	ND	0.0454	ND	0.0451	0.257	0.0449	ND	0.0437
Diethyl phthalate	84-66-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Dimethyl phthalate	131-11-3	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Di-n-butyl phthalate	84-74-2	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Di-n-octyl phthalate	117-84-0	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Diphenylamine	122-39-4	~	~	ND	0.0906	ND	0.0899	ND	0.0896	ND	0.0872
Fluoranthene	206-44-0	100	100	ND	0.0454	ND	0.0451	2.41	0.0449	ND	0.0437
Fluorene	86-73-7	30	100	ND	0.0454	ND	0.0451	0.414	0.0449	ND	0.0437
Hexachlorobenzene	118-74-1	0.33	1.2	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Hexachlorobutadiene	87-68-3	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Hexachloroethane	67-72-1	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.0454	ND	0.0451	0.646	0.0449	ND	0.0437
Isophorone	78-59-1	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Naphthalene	91-20-3	12	100	ND	0.0454	ND	0.0451	0.567	0.0449	ND	0.0437
Nitrobenzene	98-95-3	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Pentachlorophenol	87-86-5	0.8	6.7	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Phenanthrene	85-01-8	100	100	ND	0.0454	ND	0.0451	2.09	0.0449	ND	0.0437
Phenol	108-95-2	0.33	100	ND	0.0454	ND	0.0451	ND	0.0449	ND	0.0437
Pyrene	129-00-0	100	100	ND	0.0454	ND	0.0451	1.93	0.0449	ND	0.0437
Pyridine	110-86-1	~	~	ND	0.181	ND	0.18	ND	0.179	ND	0.175
Total Petroleum Hydrocarbons-DRO (C10-C28)											
Total Petroleum Hydrocarbons-DRO		~	~	16.3	10.9	10.7	10.5	98.3	10.1	25.9	10.7
PEST, 8081 MASTER											
4,4'-DDD	72-54-8	0.0033	13	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
4,4'-DDE	72-55-9	0.0033	8.9	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
4,4'-DDT	50-29-3	0.0033	7.9	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Aldrin	309-00-2	0.005	0.097	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
alpha-BHC	319-84-6	0.02	0.48	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
alpha-Chlordane	5103-71-9	0.094	4.2	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
beta-BHC	319-85-7	0.036	0.36	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
Compound	**CAS Number**			**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
				Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Chlordane, total	57-74-9	~	~	ND	0.036	ND	0.0351	ND	0.0355	ND	0.0354
delta-BHC	319-86-8	0.04	100	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Dieldrin	60-57-1	0.005	0.2	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endosulfan I	959-98-8	2.4	24	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endosulfan II	33213-65-9	2.4	24	0.0018	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endosulfan sulfate	1031-07-8	2.4	24	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endrin	72-20-8	0.014	11	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endrin aldehyde	7421-93-4	~	~	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Endrin ketone	53494-70-5	~	~	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	1.3	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
gamma-Chlordane	5566-34-7	~	~	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Heptachlor	76-44-8	0.042	2.1	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Heptachlor epoxide	1024-57-3	~	~	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Methoxychlor	72-43-5	~	~	ND	0.0018	ND	0.00176	ND	0.00177	ND	0.00177
Toxaphene	8001-35-2	~	~	ND	0.18	ND	0.176	ND	0.177	ND	0.177
Metals, Target Analyte											
Aluminum	7429-90-5	~	~	9360	4.57	8000	4.54	10500	4.49	5680	4.48
Antimony	7440-36-0	~	~	ND	2.28	3.01	2.27	4.01	2.25	3.82	2.24
Arsenic	7440-38-2	13	16	6.09	1.37	4.78	1.36	9.88	1.35	5.74	1.35
Barium	7440-39-3	350	400	61.7	2.28	52.4	2.26	150	2.24	38.1	2.24
Beryllium	7440-41-7	7.2	72	0.153	0.046	0.136	0.046	0.174	0.045	0.047	0.045
Cadmium	7440-43-9	2.5	4.3	ND	0.274	ND	0.27	0.512	0.27	ND	0.269
Calcium	7440-70-2	~	~	2070	4.57	2060	4.54	9970	4.49	1240	4.49
Chromium	7440-47-3	~	~	15.1	0.457	16.5	0.454	25.9	0.45	20.8	0.449
Cobalt	7440-48-4	~	~	6.1	0.365	5.5	0.363	6.07	0.359	5.45	0.358
Copper	7440-50-8	50	270	19.1	1.83	12.9	1.81	63.4	1.8	12.5	1.79
Iron	7439-89-6	~	~	12100	22.9	12000	22.7	12400	22.5	10500	22.4
Lead	7439-92-1	63	400	63.2	0.457	28.8	0.454	474	0.45	13.9	0.449
Magnesium	7439-95-4	~	~	2300	4.57	1860	4.54	3820	4.5	1800	4.49
Manganese	7439-96-5	1600	2000	320	0.457	300	0.454	227	0.45	302	0.449
Nickel	7440-02-0	30	310	12.5	0.91	11.8	0.904	18.2	0.895	14.9	0.894
Potassium	7440-09-7	~	~	946	4.57	903	4.54	892B	4.5	832B	4.49
Selenium	7782-49-2	3.9	180	ND	2.28	ND	2.25	ND	2.25	ND	2.24
Silver	7440-22-4	2	180	ND	0.461	ND	0.457	ND	0.453	ND	0.452
Sodium	7440-23-5	~	~	108B	45.7	106	45.4	290	44.9	143	44.9
Thallium	7440-28-0	~	~	5.03	2.28	6.55	2.27	5.47	2.25	7.81	2.24
Vanadium	7440-62-2	~	~	24	0.91	23.4	0.904	23	0.895	18.5	0.894
Zinc	7440-66-6	109	10000	57.7	2.28	43	2.26	235	2.24	23.7	2.23
Mercury by 7473											

Table 3
Waste Classification Soil Sample Analytical Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
Compound	**CAS Number**			**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
				Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Mercury	7439-97-6	0.18	0.81	0.0751	0.0329	ND	0.0327	ND	0.0323	ND	0.0323
Total Solids											
% Solids	solids	~	~	91.2	0.1	91.9	0.1	92.8	0.1	92.9	0.1
PCB, 8082 MASTER											
Aroclor 1016	12674-11-2	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1221	11104-28-2	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1232	11141-16-5	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1242	53469-21-9	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1248	12672-29-6	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1254	11097-69-1	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Aroclor 1260	11096-82-5	~	~	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179
Total PCBs	1336-36-3	0.1	1	ND	0.0182	ND	0.0177	ND	0.0179	ND	0.0179

NOTES:
LOD - limit of detection for analyte
ND - indicates that the analyte was not detected
~ - indicates that no regulatory limit has been established for this analyte
J - indicates that the analyte was detected above the method detected limit but not above the reporting limit
B - indicates that the analyte was found in the analysis batch blank
D- indicates that dilution was required
ft. bgs - feet below ground surface
Indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objectve criteria
Indicates that the analyte exceeds the NYSDEC Restricted Use Soil Cleanup Objectives -Restricted Residential criteria

Table 4
Waste Classification Soil Sample Analytical TCLP Results Summary
43-52nd Street, Woodside, New York
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Contained-in Action Levels	WC-1 (0-5ft) 0-5 ft. bgs 7/21/2023 Soil		WC-1 (5-10ft) 5-10 ft. bgs 7/21/2023 Soil		WC-2 (0-5ft) 0-5 ft. bgs 7/24/2023 Soil		WC-2 (5-10ft) 5-10 ft. bgs 7/24/2023 Soil	
Compound	**CAS Number**		**mg/kg**		**mg/kg**		**mg/kg**		**mg/kg**	
			Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Metals, TCLP RCRA										
Arsenic	7440-38-2	25	ND	0.375	ND	0.375	ND	0.375	ND	0.375
Barium	7440-39-3	1000	ND	0.625	ND	0.625	ND	0.625	ND	0.625
Cadmium	7440-43-9	5	ND	0.075	ND	0.075	ND	0.075	ND	0.075
Chromium	7440-47-3	50	ND	0.125	ND	0.125	ND	0.125	ND	0.125
Lead	7439-92-1	15	0.148	0.125	ND	0.125	0.706	0.125	ND	0.125
Selenium	7782-49-2	10	ND	0.625	ND	0.625	ND	0.625	ND	0.625
Silver	7440-22-4	50	ND	0.125	ND	0.125	ND	0.125	ND	0.125
Mercury, TCLP										
Mercury	7439-97-6	23	ND	0.0002	ND	0.0002	ND	0.0002	ND	0.0002
Corrosivity (pH) by SM 4500/EPA 9045D										
pH		~	7.18	NA	7.53	NA	9.91	NA	7	NA
Ignitability										
Ignitability		~	Non-Igni.	NA	Non-Igni.	NA	Non-Igni.	NA	Non-Igni.	NA
Reactivity-Cyanide										
Reactivity - Cyanide		~	ND	0.25	ND	0.25	ND	0.25	ND	0.25
Reactivity-Sulfide										
Reactivity - Sulfide		~	64	15	72	15	96	15	72	15
TCLP Extraction for METALS EPA 1311										
TCLP Extraction		~	Completed	1	Completed	1	Completed	1	Completed	1
Temperature										
Temperature		~	25.8°C	NA	25.9°C	NA	25°C	NA	24°C	NA

NOTES:
ft. bgs - Feet below ground surface
LOD - Limit of Detection for Analyte
ND - indicates that the analyte was not detected
~ - indicates that no regulatory limit has been established for this analyte

Table 5
Additional Lead Delineation Soil Results Summary
43-25 52nd Street, Woodside, NY 11377
Project No. 22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	B-6-N1-0-2IN 0-2 in. bgs 3/8/2024 Soil		B-6-N1-2FT-2IN 2 ft-2 in. bgs 3/8/2024 Soil		B-6-W1-0-2IN 0-2 in. bgs 3/8/2024 Soil		B-6-W1-2FT-2IN 2 ft-2 in. bgs 3/8/2024 Soil		B-6-E1-0-2IN 0-2 in. bgs 3/8/2024 Soil		B-6-E1-2FT-2IN 2 ft-2 in. bgs 3/8/2024 Soil		B-6-S1-0-2IN 0-2 in. bgs 3/8/2024 Soil		B-6-S1-2FT-2IN 2 ft-2 in. bgs 3/8/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals By EPA 6010																			
Antimony	7440-36-0	~	~	ND	2	ND	1.9	ND	1.93	ND	1.87	ND	1.94	ND	1.91	ND	2.03	ND	1.88
Arsenic	7440-38-2	16	13	4.07	1.2	3.34	1.14	2.34	1.16	1.87	1.12	3.33	1.17	2.99	1.14	3.06	1.22	1.81	1.13
Cadmium	7440-43-9	4.3	2.5	ND	0.287	ND	0.273	ND	0.278	ND	0.269	ND	0.28	ND	0.274	ND	0.293	ND	0.27
Cobalt	7440-48-4	~	~	6.07	0.319	6.03	0.304	5.08	0.308	4.04	0.298	5.72	0.311	4.93	0.305	5.7	0.325	4.64	0.3
Lead	7439-92-1	400	63	26.6	0.479	5.18	0.456	28.4	0.463	7.39	0.448	18.5	0.467	5.67	0.458	**341**	0.488	9.14	0.451

NOTES:
in. bgs - inches below ground surface
ft - feet
LOD - limit of detection for analyte
ND - indicates that the analyte was not detected
~ - that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objective criteria

Table 6
Offsite Soil/Waste Disposal Volumes and Facilities
43- 25 52nd Street, Woodside, NY 11377
Project No. 22254

Date	Manifest Number	Transporter	Truck Number	Plate Number	Material	Quantity	Depth Interval	Facility
4/11/2024	1	JC Transport, Inc.	40	AU606U	NON-HAZARDOUS MATERIAL	25.36 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	2	JC Transport, Inc.	30	AT778U	NON-HAZARDOUS MATERIAL	28.49 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	3	JC Transport, Inc.	34	AT782U	NON-HAZARDOUS MATERIAL	30.49 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	4	JC Transport, Inc.	43	AW463F	NON-HAZARDOUS MATERIAL	31.12 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	5	JC Transport, Inc.	37	AX384K	NON-HAZARDOUS MATERIAL	30.43 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	6	JC Transport, Inc.	40	AU606U	NON-HAZARDOUS MATERIAL	30.74 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	7	JC Transport, Inc.	30	AT778U	NON-HAZARDOUS MATERIAL	30.71 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	8	JC Transport, Inc.	34	AT782U	NON-HAZARDOUS MATERIAL	29.88 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	9	JC Transport, Inc.	43	AW463F	NON-HAZARDOUS MATERIAL	28.72 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/11/2024	10	JC Transport, Inc.	37	AX384K	NON-HAZARDOUS MATERIAL	27.17 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/16/2024	16	JC Transport, Inc.	39	AU605U	NON-HAZARDOUS MATERIAL	30.97 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/16/2024	17	JC Transport, Inc.	53	AX457D	NON-HAZARDOUS MATERIAL	25.23 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	20	JC Transport, Inc.	39	AU605U	NON-HAZARDOUS MATERIAL	30.32 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	21	JC Transport, Inc.	46	AW727N	NON-HAZARDOUS MATERIAL	29.2 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	23	JC Transport, Inc.	38	AU604U	NON-HAZARDOUS MATERIAL	29.86 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	24	JC Transport, Inc.	43	AW463F	NON-HAZARDOUS MATERIAL	29.6 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	25	JC Transport, Inc.	37	AX384K	NON-HAZARDOUS MATERIAL	31.64 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	22	JC Transport, Inc.	57	AX229E	NON-HAZARDOUS MATERIAL	30.56 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	27	JC Transport, Inc.	62	AY176T	NON-HAZARDOUS MATERIAL	30.97 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	28	Pipo's Trucking	29	AY902M	NON-HAZARDOUS MATERIAL	29.72 Ton	0' - 3'	MCUA, East Brunswick, NJ
4/17/2024	37	Pipo's Trucking	29	AY902M	NON-HAZARDOUS MATERIAL	31.31 Ton	0' - 3'	MCUA, East Brunswick, NJ
5/6/2024	110	Dirt Kings	10	AY685N	NON-HAZARDOUS MATERIAL	30.38 Ton	0' - 3'	MCUA, East Brunswick, NJ
5/6/2024	111	J&I	2	AY924J	NON-HAZARDOUS MATERIAL	34.28 Ton	0' - 3'	MCUA, East Brunswick, NJ
5/6/2024	112	Dirt Kings	8	AZ911A	NON-HAZARDOUS MATERIAL	30.46 Ton	0' - 3'	MCUA, East Brunswick, NJ
5/6/2024	113	J. Granda	27	AY843W	NON-HAZARDOUS MATERIAL	30.24 Ton	0' - 3'	MCUA, East Brunswick, NJ
5/6/2024	114	Dirt Kings	11	AY647L	NON-HAZARDOUS MATERIAL	33.08 Ton	0' - 3'	MCUA, East Brunswick, NJ
6/10/2024	23	JC Transport, Inc.	9	AZ372A	NON-HAZARDOUS MATERIAL	36.95 Ton	12' - 16'	MCUA, East Brunswick, NJ
4/2/2024	46819	Jet Trucking	10	AX415X	N.J.A.C 7:26D Residential Soil	27.52 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46752	Jet Trucking	8	AW580C	N.J.A.C 7:26D Residential Soil	28.24 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46753	Jet Trucking	7	AW363K	N.J.A.C 7:26D Residential Soil	27.7 Ton	0' - 3'	XRDS, Wayne, NJ

Table 6
Offsite Soil/Waste Disposal Volumes and Facilities
43- 25 52nd Street, Woodside, NY 11377
Project No. 22254

Date	Manifest Number	Transporter	Truck Number	Plate Number	Material	Quantity	Depth Interval	Facility
4/2/2024	46754	Jet Trucking	5	AU771Z	N.J.A.C 7:26D Residential Soil	28.1 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46755	Jet Trucking	9	AX141E	N.J.A.C 7:26D Residential Soil	27.65 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46756	Jet Trucking	4	AY385Y	N.J.A.C 7:26D Residential Soil	26.66 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46757	Jet Trucking	12	AY502K	N.J.A.C 7:26D Residential Soil	31.71 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46758	Jet Trucking	11	AY875A	N.J.A.C 7:26D Residential Soil	31.26 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46759	Jet Trucking	10	AX415X	N.J.A.C 7:26D Residential Soil	31.14 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46760	Jet Trucking	8	AW580C	N.J.A.C 7:26D Residential Soil	29.3 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46761	Jet Trucking	5	AU771Z	N.J.A.C 7:26D Residential Soil	30.55 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46762	Jet Trucking	7	AW363K	N.J.A.C 7:26D Residential Soil	28.33 Ton	0' - 3'	XRDS, Wayne, NJ
4/2/2024	46763	Jet Trucking	4	AY385Y	N.J.A.C 7:26D Residential Soil	31.9 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	47189	JC Transport, Inc.	38	AU604U	N.J.A.C 7:26D Residential Soil	30.31 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	47190	JC Transport, Inc.	58	AX385K	N.J.A.C 7:26D Residential Soil	31.45 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	47191	JC Transport, Inc.	48	AW643W	N.J.A.C 7:26D Residential Soil	30.93 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	47192	JC Transport, Inc.	46	AW727N	N.J.A.C 7:26D Residential Soil	34.09 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	47193	JC Transport, Inc.	57	AX229E	N.J.A.C 7:26D Residential Soil	33.06 Ton	0' - 3'	XRDS, Wayne, NJ
4/16/2024	46770	JC Transport, Inc.	37	AX384K	N.J.A.C 7:26D Residential Soil	33.62 Ton	0' - 3'	XRDS, Wayne, NJ
Total Tonnage						1391.4		

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2-Dibromoethane	106-93-4	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,2-Dichloropropane	78-87-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.04900	ND	0.04500	ND	0.05100	ND	0.04600	ND	0.04800	ND	0.04800
2-Butanone	78-93-3	0.12	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
2-Hexanone	591-78-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Acetone	67-64-1	0.05	100	0.0085 J	0.00490	ND	0.00450	ND	0.00510	0.0380	0.0046	ND	0.00480	ND	0.00480
Acrolein	107-02-8	~	~	ND	0.00490	ND	0.00450	ND	0.00510	ND	0.00460	ND	0.00480	ND	0.00480
Acrylonitrile	107-13-1	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Benzene	71-43-2	0.06	2.9	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Bromochloromethane	74-97-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Bromodichloromethane	75-27-4	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Bromoform	75-25-2	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Bromomethane	74-83-9	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Carbon disulfide	75-15-0	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,4-Dinitrophenol	51-28-5	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2-Chloronaphthalene	91-58-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2-Chlorophenol	95-57-8	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2-Methylnaphthalene	91-57-6	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2-Methylphenol	95-48-7	0.33	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
2-Nitroaniline	88-74-4	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
2-Nitrophenol	88-75-5	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
3-Nitroaniline	99-09-2	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
4-Chloroaniline	106-47-8	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
4-Nitroaniline	100-01-6	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
4-Nitrophenol	100-02-7	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
Acenaphthene	83-32-9	20	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Acenaphthylene	208-96-8	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Acetophenone	98-86-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Aniline	62-53-3	~	~	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18000	ND	0.1750
Anthracene	120-12-7	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Atrazine	1912-24-9	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzaldehyde	100-52-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18000	ND	0.1750
Benzo(a)anthracene	56-55-3	1	1	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzo(a)pyrene	50-32-8	1	1	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzoic acid	65-85-0	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzyl alcohol	100-51-6	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Caprolactam	105-60-2	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
Carbazole	86-74-8	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Chrysene	218-01-9	1	1	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Dibenzofuran	132-64-9	7	14	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Diethyl phthalate	84-66-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Dimethyl phthalate	131-11-3	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Diphenylamine	122-39-4	~	~	ND	0.09040	ND	0.09040	ND	0.09040	ND	0.09010	ND	0.09010	ND	0.0872
Fluoranthene	206-44-0	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	0.0739 J	0.0437
Fluorene	86-73-7	30	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Hexachlorobutadiene	87-68-3	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Hexachloroethane	67-72-1	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Isophorone	78-59-1	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Naphthalene	91-20-3	12	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Nitrobenzene	98-95-3	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01 12 ft. bgs 5/9/2024 Soil		EP-02 12 ft. bgs 5/9/2024 Soil		EP-03 12 ft. bgs 5/9/2024 Soil		EP-04 12 ft. bgs 5/16/2024 Soil		EP-05 12 ft. bgs 5/16/2024 Soil		EP-06 12 ft. bgs 5/17/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Phenanthrene	85-01-8	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	0.0481 J	0.0437
Phenol	108-95-2	0.33	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	ND	0.0437
Pyrene	129-00-0	100	100	ND	0.04530	ND	0.04530	ND	0.04530	ND	0.04520	ND	0.04520	0.0558 J	0.0437
Pyridine	110-86-1	~	~	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18000	ND	0.1750

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objective criteria

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2-Chloronaphthalene	91-58-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2-Chlorophenol	95-57-8	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2-Methylnaphthalene	91-57-6	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2-Methylphenol	95-48-7	0.33	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
2-Nitroaniline	88-74-4	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
2-Nitrophenol	88-75-5	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
3-Nitroaniline	99-09-2	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
4-Chloroaniline	106-47-8	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
4-Nitroaniline	100-01-6	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
4-Nitrophenol	100-02-7	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
Acenaphthene	83-32-9	20	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Acenaphthylene	208-96-8	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Acetophenone	98-86-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Aniline	62-53-3	~	~	ND	0.17600	ND	0.17800	ND	0.1820	ND	0.17800	ND	0.17500	ND	0.18100
Anthracene	120-12-7	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Atrazine	1912-24-9	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzaldehyde	100-52-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.17600	ND	0.17800	ND	0.1820	ND	0.17800	ND	0.17500	ND	0.18100
Benzo(a)anthracene	56-55-3	1	1	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzo(a)pyrene	50-32-8	1	1	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzoic acid	65-85-0	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzyl alcohol	100-51-6	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Caprolactam	105-60-2	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
Carbazole	86-74-8	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Chrysene	218-01-9	1	1	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Dibenzofuran	132-64-9	7	14	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Diethyl phthalate	84-66-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Dimethyl phthalate	131-11-3	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Diphenylamine	122-39-4	~	~	ND	0.08810	ND	0.08910	ND	0.0907	ND	0.08890	ND	0.08760	ND	0.09050
Fluoranthene	206-44-0	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Fluorene	86-73-7	30	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Hexachlorobutadiene	87-68-3	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Hexachloroethane	67-72-1	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Isophorone	78-59-1	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Naphthalene	91-20-3	12	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Nitrobenzene	98-95-3	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7 12 ft. bgs 5/10/2024 Soil		EP-8 12 ft. bgs 5/10/2024 Soil		EP-9 12 ft. bgs 5/14/2024 Soil		EP-10 12 ft. bgs 5/14/2024 Soil		EP-11 12 ft. bgs 5/13/2024 Soil		EP-12 12 ft. bgs 6/7/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Phenanthrene	85-01-8	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Phenol	108-95-2	0.33	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Pyrene	129-00-0	100	100	ND	0.04420	ND	0.04470	ND	0.0455	ND	0.04460	ND	0.04390	ND	0.04540
Pyridine	110-86-1	~	~	ND	0.17600	ND	0.17800	ND	0.1820	ND	0.17800	ND	0.17500	ND	0.18100

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

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End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2-Chloronaphthalene	91-58-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2-Chlorophenol	95-57-8	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2-Methylnaphthalene	91-57-6	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2-Methylphenol	95-48-7	0.33	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
2-Nitroaniline	88-74-4	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
2-Nitrophenol	88-75-5	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
3-Nitroaniline	99-09-2	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
4-Chloroaniline	106-47-8	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
4-Nitroaniline	100-01-6	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
4-Nitrophenol	100-02-7	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
Acenaphthene	83-32-9	20	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Acenaphthylene	208-96-8	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Acetophenone	98-86-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Aniline	62-53-3	~	~	ND	0.18000	ND	0.18000	ND	0.17800	ND	0.18100	ND	0.17600	ND	0.17600
Anthracene	120-12-7	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Atrazine	1912-24-9	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzaldehyde	100-52-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.18000	ND	0.18000	ND	0.17800	ND	0.18100	ND	0.17600	ND	0.17600
Benzo(a)anthracene	56-55-3	1	1	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzo(a)pyrene	50-32-8	1	1	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzoic acid	65-85-0	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzyl alcohol	100-51-6	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Caprolactam	105-60-2	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
Carbazole	86-74-8	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Chrysene	218-01-9	1	1	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Dibenzofuran	132-64-9	7	14	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Diethyl phthalate	84-66-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Dimethyl phthalate	131-11-3	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Diphenylamine	122-39-4	~	~	ND	0.08970	ND	0.08970	ND	0.08900	ND	0.09030	ND	0.08790	ND	0.08800
Fluoranthene	206-44-0	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Fluorene	86-73-7	30	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Hexachlorobutadiene	87-68-3	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Hexachloroethane	67-72-1	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Isophorone	78-59-1	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Naphthalene	91-20-3	12	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Nitrobenzene	98-95-3	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13 12 ft. bgs 6/7/2024 Soil		EP-14 12 ft. bgs 5/13/2024 Soil		EP-15 12 ft. bgs 5/13/2024 Soil		EP-16 12-15 ft. bgs 5/28/2024 Soil		EP-17 12 ft. bgs 6/12/2024 Soil		EP-18 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Phenanthrene	85-01-8	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Phenol	108-95-2	0.33	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Pyrene	129-00-0	100	100	ND	0.04490	ND	0.04500	ND	0.04460	ND	0.04530	ND	0.04400	ND	0.04410
Pyridine	110-86-1	~	~	ND	0.18000	ND	0.18000	ND	0.17800	ND	0.18100	ND	0.17600	ND	0.17600

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19		EP-20		EP-21		EP-22		EP-23		EP-24	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/28/2024		6/10/2024		5/9/2024		5/9/2024		5/9/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2-Chloronaphthalene	91-58-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2-Chlorophenol	95-57-8	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2-Methylnaphthalene	91-57-6	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2-Methylphenol	95-48-7	0.33	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
2-Nitroaniline	88-74-4	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
2-Nitrophenol	88-75-5	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
3-Nitroaniline	99-09-2	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
4-Chloroaniline	106-47-8	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
4-Nitroaniline	100-01-6	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
4-Nitrophenol	100-02-7	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
Acenaphthene	83-32-9	20	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Acenaphthylene	208-96-8	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Acetophenone	98-86-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Aniline	62-53-3	~	~	ND	0.17600	ND	0.18000	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100
Anthracene	120-12-7	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Atrazine	1912-24-9	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzaldehyde	100-52-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19		EP-20		EP-21		EP-22		EP-23		EP-24	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/28/2024		6/10/2024		5/9/2024		5/9/2024		5/9/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.17600	ND	0.18000	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100
Benzo(a)anthracene	56-55-3	1	1	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzo(a)pyrene	50-32-8	1	1	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzoic acid	65-85-0	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzyl alcohol	100-51-6	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Caprolactam	105-60-2	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
Carbazole	86-74-8	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Chrysene	218-01-9	1	1	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Dibenzofuran	132-64-9	7	14	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Diethyl phthalate	84-66-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Dimethyl phthalate	131-11-3	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Diphenylamine	122-39-4	~	~	ND	0.08810	ND	0.08990	ND	0.09020	ND	0.09040	ND	0.09040	ND	0.09040
Fluoranthene	206-44-0	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Fluorene	86-73-7	30	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Hexachlorobutadiene	87-68-3	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Hexachloroethane	67-72-1	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Isophorone	78-59-1	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Naphthalene	91-20-3	12	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Nitrobenzene	98-95-3	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil		EP-21 12 ft. bgs 6/10/2024 Soil		EP-22 12-15 ft. bgs 5/9/2024 Soil		EP-23 12-15 ft. bgs 5/9/2024 Soil		EP-24 12-15 ft. bgs 5/9/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Phenanthrene	85-01-8	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Phenol	108-95-2	0.33	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Pyrene	129-00-0	100	100	ND	0.04410	ND	0.04510	ND	0.04520	ND	0.04530	ND	0.04530	ND	0.04530
Pyridine	110-86-1	~	~	ND	0.17600	ND	0.18000	ND	0.18100	ND	0.18100	ND	0.18100	ND	0.18100

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2-Chloronaphthalene	91-58-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2-Chlorophenol	95-57-8	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2-Methylnaphthalene	91-57-6	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2-Methylphenol	95-48-7	0.33	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
2-Nitroaniline	88-74-4	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
2-Nitrophenol	88-75-5	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
3-Nitroaniline	99-09-2	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
4-Chloroaniline	106-47-8	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
4-Nitroaniline	100-01-6	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
4-Nitrophenol	100-02-7	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
Acenaphthene	83-32-9	20	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Acenaphthylene	208-96-8	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Acetophenone	98-86-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Aniline	62-53-3	~	~	ND	0.18000	ND	0.17900	ND	0.18000	ND	0.18000	ND	0.17600	ND	0.18500
Anthracene	120-12-7	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Atrazine	1912-24-9	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzaldehyde	100-52-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.18000	ND	0.17900	ND	0.18000	ND	0.18000	ND	0.17600	ND	0.18500
Benzo(a)anthracene	56-55-3	1	1	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzo(a)pyrene	50-32-8	1	1	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzoic acid	65-85-0	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzyl alcohol	100-51-6	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Caprolactam	105-60-2	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
Carbazole	86-74-8	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Chrysene	218-01-9	1	1	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Dibenzofuran	132-64-9	7	14	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Diethyl phthalate	84-66-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Dimethyl phthalate	131-11-3	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Diphenylamine	122-39-4	~	~	ND	0.08970	ND	0.08950	ND	0.08990	ND	0.08990	ND	0.08770	ND	0.09250
Fluoranthene	206-44-0	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Fluorene	86-73-7	30	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Hexachlorobutadiene	87-68-3	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Hexachloroethane	67-72-1	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Isophorone	78-59-1	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Naphthalene	91-20-3	12	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Nitrobenzene	98-95-3	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25 12-15 ft. bgs 5/16/2024 Soil		EP-26 12-15 ft. bgs 5/16/2024 Soil		EP-27 12-15 ft. bgs 5/17/2024 Soil		EP-28 12-15 ft. bgs 5/10/2024 Soil		EP-29 12-15 ft. bgs 5/10/2024 Soil		EP-30 12-15 ft. bgs 5/14/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Phenanthrene	85-01-8	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Phenol	108-95-2	0.33	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Pyrene	129-00-0	100	100	ND	0.04500	ND	0.04490	ND	0.04500	ND	0.04500	ND	0.04390	ND	0.04640
Pyridine	110-86-1	~	~	ND	0.18000	ND	0.17900	ND	0.18000	ND	0.18000	ND	0.17600	ND	0.18500

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

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End-point Soil Sample SVOCs Analytical Results Summary
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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,4-Dinitrophenol	51-28-5	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2-Chloronaphthalene	91-58-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2-Chlorophenol	95-57-8	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2-Methylnaphthalene	91-57-6	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2-Methylphenol	95-48-7	0.33	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
2-Nitroaniline	88-74-4	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
2-Nitrophenol	88-75-5	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
3-Nitroaniline	99-09-2	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
4-Chloroaniline	106-47-8	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
4-Nitroaniline	100-01-6	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
4-Nitrophenol	100-02-7	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
Acenaphthene	83-32-9	20	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Acenaphthylene	208-96-8	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Acetophenone	98-86-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Aniline	62-53-3	~	~	ND	0.18000	ND	0.17300	ND	0.17900	ND	0.18000	ND	0.18200	ND	0.17800
Anthracene	120-12-7	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Atrazine	1912-24-9	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzaldehyde	100-52-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.18000	ND	0.17300	ND	0.17900	ND	0.18000	ND	0.18200	ND	0.17800
Benzo(a)anthracene	56-55-3	1	1	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzo(a)pyrene	50-32-8	1	1	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzoic acid	65-85-0	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzyl alcohol	100-51-6	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Caprolactam	105-60-2	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
Carbazole	86-74-8	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Chrysene	218-01-9	1	1	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Dibenzofuran	132-64-9	7	14	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Diethyl phthalate	84-66-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Dimethyl phthalate	131-11-3	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Diphenylamine	122-39-4	~	~	ND	0.09000	ND	0.08660	ND	0.08930	ND	0.09000	ND	0.09070	ND	0.08870
Fluoranthene	206-44-0	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Fluorene	86-73-7	30	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Hexachlorobutadiene	87-68-3	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Hexachloroethane	67-72-1	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Isophorone	78-59-1	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Naphthalene	91-20-3	12	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Nitrobenzene	98-95-3	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31 12-15 ft. bgs 5/14/2024 Soil		EP-32 12-15 ft. bgs 5/13/2024 Soil		EP-33 12-15 ft. bgs 6/7/2024 Soil		EP-34 12-15 ft. bgs 6/7/2024 Soil		EP-35 12-15 ft. bgs 5/13/2024 Soil		EP-36 12-15 ft. bgs 5/13/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Phenanthrene	85-01-8	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Phenol	108-95-2	0.33	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Pyrene	129-00-0	100	100	ND	0.04510	ND	0.04340	ND	0.04470	ND	0.04510	ND	0.04540	ND	0.04450
Pyridine	110-86-1	~	~	ND	0.18000	ND	0.17300	ND	0.17900	ND	0.18000	ND	0.18200	ND	0.17800

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
1,1-Biphenyl	92-52-4	~	~	ND	0.04480	ND	0.04460	4.150	0.11300	ND	0.04430	ND	0.04450	ND	0.04470
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2-Chloronaphthalene	91-58-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2-Chlorophenol	95-57-8	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2-Methylnaphthalene	91-57-6	~	~	ND	0.04480	ND	0.04460	40.1	1.13000	ND	0.04430	ND	0.04450	ND	0.04470
2-Methylphenol	95-48-7	0.33	100	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
2-Nitroaniline	88-74-4	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
2-Nitrophenol	88-75-5	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
3-Nitroaniline	99-09-2	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
4-Chloroaniline	106-47-8	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
4-Nitroaniline	100-01-6	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
4-Nitrophenol	100-02-7	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
Acenaphthene	83-32-9	20	100	ND	0.04480	ND	0.04460	1.4	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Acenaphthylene	208-96-8	100	100	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Acetophenone	98-86-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Aniline	62-53-3	~	~	ND	0.17900	ND	0.17800	ND	0.18000	ND	0.17700	ND	0.17800	ND	0.17900
Anthracene	120-12-7	100	100	ND	0.04480	ND	0.04460	0.459	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Atrazine	1912-24-9	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzaldehyde	100-52-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
Benzidine	92-87-5	~	~	ND	0.17900	ND	0.17800	ND	0.18000	ND	0.17700	ND	0.17800	ND	0.17900
Benzo(a)anthracene	56-55-3	1	1	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzo(a)pyrene	50-32-8	1	1	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzoic acid	65-85-0	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzyl alcohol	100-51-6	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Caprolactam	105-60-2	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
Carbazole	86-74-8	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Chrysene	218-01-9	1	1	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Dibenzofuran	132-64-9	7	14	ND	0.04480	ND	0.04460	1.5	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Diethyl phthalate	84-66-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Dimethyl phthalate	131-11-3	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Diphenylamine	122-39-4	~	~	ND	0.08930	ND	0.08890	ND	0.09000	ND	0.08840	ND	0.08870	ND	0.08920
Fluoranthene	206-44-0	100	100	ND	0.04480	ND	0.04460	0.181	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Fluorene	86-73-7	30	100	ND	0.04480	ND	0.04460	3.52	0.11300	ND	0.04430	ND	0.04450	ND	0.04470
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Hexachlorobutadiene	87-68-3	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Hexachloroethane	67-72-1	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Isophorone	78-59-1	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Naphthalene	91-20-3	12	100	ND	0.04480	ND	0.04460	**17.2**	1.13000	ND	0.04430	ND	0.04450	ND	0.04470
Nitrobenzene	98-95-3	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
SVOC, 8270 MASTER															
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Phenanthrene	85-01-8	100	100	ND	0.04480	ND	0.04460	6.71	0.11300	ND	0.04430	ND	0.04450	0.0449J	0.04470
Phenol	108-95-2	0.33	100	ND	0.04480	ND	0.04460	ND	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Pyrene	129-00-0	100	100	ND	0.04480	ND	0.04460	0.9	0.04510	ND	0.04430	ND	0.04450	ND	0.04470
Pyridine	110-86-1	~	~	ND	0.17900	ND	0.17800	ND	0.18000	ND	0.17700	ND	0.17800	ND	0.17900

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
				mg/kg		mg/kg	
Compound	CAS Number			Result	LOD	Result	LOD
SVOC, 8270 MASTER							
1,1-Biphenyl	92-52-4	~	~	ND	0.04360	ND	0.04360
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	ND	0.08700	ND	0.08700
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	ND	0.04360	ND	0.04360
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	ND	0.08700	ND	0.08700
2,4,5-Trichlorophenol	95-95-4	~	~	ND	0.04360	ND	0.04360
2,4,6-Trichlorophenol	88-06-2	~	~	ND	0.04360	ND	0.04360
2,4-Dichlorophenol	120-83-2	~	~	ND	0.04360	ND	0.04360
2,4-Dimethylphenol	105-67-9	~	~	ND	0.04360	ND	0.04360
2,4-Dinitrophenol	51-28-5	~	~	ND	0.08700	ND	0.08700
2,4-Dinitrotoluene	121-14-2	~	~	ND	0.04360	ND	0.04360
2,6-Dinitrotoluene	606-20-2	~	~	ND	0.04360	ND	0.04360
2-Chloronaphthalene	91-58-7	~	~	ND	0.04360	ND	0.04360
2-Chlorophenol	95-57-8	~	~	ND	0.04360	ND	0.04360
2-Methylnaphthalene	91-57-6	~	~	ND	0.04360	ND	0.04360
2-Methylphenol	95-48-7	0.33	100	ND	0.04360	ND	0.04360
2-Nitroaniline	88-74-4	~	~	ND	0.08700	ND	0.08700
2-Nitrophenol	88-75-5	~	~	ND	0.04360	ND	0.04360
3- & 4-Methylphenols	65794-96-9	0.33	34	ND	0.04360	ND	0.04360
3,3-Dichlorobenzidine	91-94-1	~	~	ND	0.04360	ND	0.04360
3-Nitroaniline	99-09-2	~	~	ND	0.08700	ND	0.08700
4,6-Dinitro-2-methylphenol	534-52-1	~	~	ND	0.08700	ND	0.08700
4-Bromophenyl phenyl ether	101-55-3	~	~	ND	0.04360	ND	0.04360
4-Chloro-3-methylphenol	59-50-7	~	~	ND	0.04360	ND	0.04360
4-Chloroaniline	106-47-8	~	~	ND	0.04360	ND	0.04360
4-Chlorophenyl phenyl ether	7005-72-3	~	~	ND	0.04360	ND	0.04360
4-Nitroaniline	100-01-6	~	~	ND	0.08700	ND	0.08700
4-Nitrophenol	100-02-7	~	~	ND	0.08700	ND	0.08700
Acenaphthene	83-32-9	20	100	ND	0.04360	ND	0.04360
Acenaphthylene	208-96-8	100	100	ND	0.04360	ND	0.04360
Acetophenone	98-86-2	~	~	ND	0.04360	ND	0.04360
Aniline	62-53-3	~	~	ND	0.17400	ND	0.17400
Anthracene	120-12-7	100	100	ND	0.04360	ND	0.04360
Atrazine	1912-24-9	~	~	ND	0.04360	ND	0.04360
Benzaldehyde	100-52-7	~	~	ND	0.04360	ND	0.04360

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
				mg/kg		mg/kg	
Compound	CAS Number			Result	LOD	Result	LOD
SVOC, 8270 MASTER							
Benzidine	92-87-5	~	~	ND	0.17400	ND	0.17400
Benzo(a)anthracene	56-55-3	1	1	ND	0.04360	ND	0.04360
Benzo(a)pyrene	50-32-8	1	1	ND	0.04360	ND	0.04360
Benzo(b)fluoranthene	205-99-2	1	1	ND	0.04360	ND	0.04360
Benzo(g,h,i)perylene	191-24-2	100	100	ND	0.04360	ND	0.04360
Benzo(k)fluoranthene	207-08-9	0.8	1	ND	0.04360	ND	0.04360
Benzoic acid	65-85-0	~	~	ND	0.04360	ND	0.04360
Benzyl alcohol	100-51-6	~	~	ND	0.04360	ND	0.04360
Benzyl butyl phthalate	85-68-7	~	~	ND	0.04360	ND	0.04360
Bis(2-chloroethoxy)methane	111-91-1	~	~	ND	0.04360	ND	0.04360
Bis(2-chloroethyl)ether	111-44-4	~	~	ND	0.04360	ND	0.04360
Bis(2-chloroisopropyl)ether	108-60-1	~	~	ND	0.04360	ND	0.04360
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	ND	0.04360	ND	0.04360
Caprolactam	105-60-2	~	~	ND	0.08700	ND	0.08700
Carbazole	86-74-8	~	~	ND	0.04360	ND	0.04360
Chrysene	218-01-9	1	1	ND	0.04360	ND	0.04360
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	ND	0.04360	ND	0.04360
Dibenzofuran	132-64-9	7	14	ND	0.04360	ND	0.04360
Diethyl phthalate	84-66-2	~	~	ND	0.04360	ND	0.04360
Dimethyl phthalate	131-11-3	~	~	ND	0.04360	ND	0.04360
Di-n-butyl phthalate	84-74-2	~	~	ND	0.04360	ND	0.04360
Di-n-octyl phthalate	117-84-0	~	~	ND	0.04360	ND	0.04360
Diphenylamine	122-39-4	~	~	ND	0.08700	ND	0.08700
Fluoranthene	206-44-0	100	100	ND	0.04360	ND	0.04360
Fluorene	86-73-7	30	100	ND	0.04360	ND	0.04360
Hexachlorobenzene	118-74-1	0.33	0.33	ND	0.04360	ND	0.04360
Hexachlorobutadiene	87-68-3	~	~	ND	0.04360	ND	0.04360
Hexachlorocyclopentadiene	77-47-4	~	~	ND	0.04360	ND	0.04360
Hexachloroethane	67-72-1	~	~	ND	0.04360	ND	0.04360
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	ND	0.04360	ND	0.04360
Isophorone	78-59-1	~	~	ND	0.04360	ND	0.04360
Naphthalene	91-20-3	12	100	ND	0.04360	ND	0.04360
Nitrobenzene	98-95-3	~	~	ND	0.04360	ND	0.04360
N-Nitrosodimethylamine	62-75-9	~	~	ND	0.04360	ND	0.04360

Table 8
End-point Soil Sample SVOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
				mg/kg		mg/kg	
Compound	CAS Number			Result	LOD	Result	LOD
SVOC, 8270 MASTER							
N-nitroso-di-n-propylamine	621-64-7	~	~	ND	0.04360	ND	0.04360
N-Nitrosodiphenylamine	86-30-6	~	~	ND	0.04360	ND	0.04360
Pentachlorophenol	87-86-5	0.8	2.4	ND	0.04360	ND	0.04360
Phenanthrene	85-01-8	100	100	ND	0.04360	ND	0.04360
Phenol	108-95-2	0.33	100	ND	0.04360	ND	0.04360
Pyrene	129-00-0	100	100	ND	0.04360	ND	0.04360
Pyridine	110-86-1	~	~	ND	0.17400	ND	0.17400

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use S

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Chlorobenzene	108-90-7	1.1	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Chloroethane	75-00-3	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Chloroform	67-66-3	0.37	10	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Chloromethane	74-87-3	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Cyclohexane	110-82-7	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Dibromochloromethane	124-48-1	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Dibromomethane	74-95-3	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Ethyl Benzene	100-41-4	1	30	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Hexachlorobutadiene	87-68-3	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Isopropylbenzene	98-82-8	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Methyl acetate	79-20-9	~	~	0.00490	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Methylcyclohexane	108-87-2	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Methylene chloride	75-09-2	0.05	51	ND	0.00490	ND	0.00450	ND	0.00510	ND	0.00460	ND	0.00480	ND	0.00480
n-Butylbenzene	104-51-8	12	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
n-Propylbenzene	103-65-1	3.9	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
o-Xylene	95-47-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
p- & m- Xylenes	179601-23-1	~	~	ND	0.00490	ND	0.00450	ND	0.00510	ND	0.00460	ND	0.00480	ND	0.00480
p-Isopropyltoluene	99-87-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
sec-Butylbenzene	135-98-8	11	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Styrene	100-42-5	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Toluene	108-88-3	0.7	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Trichloroethylene	79-01-6	0.47	10	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01 12 ft. bgs 5/9/2024 Soil		EP-02 12 ft. bgs 5/9/2024 Soil		EP-03 12 ft. bgs 5/9/2024 Soil		EP-04 12 ft. bgs 5/16/2024 Soil		EP-05 12 ft. bgs 5/16/2024 Soil		EP-06 12 ft. bgs 5/17/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00240	ND	0.00220	ND	0.00260	ND	0.00230	ND	0.00240	ND	0.00240
Xylenes, Total	1330-20-7	0.26	100	ND	0.00730	ND	0.00670	ND	0.00770	ND	0.00690	ND	0.00710	ND	0.00720

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objective criteria
indicates that the analyte exceeds the NYSDEC Restricted Use Soil Cleanup Objective criteria

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2-Dibromoethane	106-93-4	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,2-Dichloropropane	78-87-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.04600	ND	0.05400	ND	0.05200	ND	0.05100	ND	0.04700	ND	0.04700
2-Butanone	78-93-3	0.12	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
2-Hexanone	591-78-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Acetone	67-64-1	0.05	100	ND	0.00460	ND	0.00540	ND	0.00520	ND	0.00510	ND	0.00470	ND	0.00470
Acrolein	107-02-8	~	~	ND	0.00460	ND	0.00540	ND	0.00520	ND	0.00510	ND	0.00470	ND	0.00470
Acrylonitrile	107-13-1	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Benzene	71-43-2	0.06	2.9	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Bromochloromethane	74-97-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Bromodichloromethane	75-27-4	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Bromoform	75-25-2	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Bromomethane	74-83-9	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Carbon disulfide	75-15-0	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Chlorobenzene	108-90-7	1.1	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Chloroethane	75-00-3	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Chloroform	67-66-3	0.37	10	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Chloromethane	74-87-3	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Cyclohexane	110-82-7	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Dibromochloromethane	124-48-1	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Dibromomethane	74-95-3	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Ethyl Benzene	100-41-4	1	30	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Hexachlorobutadiene	87-68-3	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Isopropylbenzene	98-82-8	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Methyl acetate	79-20-9	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Methylcyclohexane	108-87-2	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Methylene chloride	75-09-2	0.05	51	ND	0.00460	ND	0.00540	ND	0.00520	ND	0.00510	ND	0.00470	ND	0.00470
n-Butylbenzene	104-51-8	12	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
n-Propylbenzene	103-65-1	3.9	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
o-Xylene	95-47-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
p- & m- Xylenes	179601-23-1	~	~	ND	0.00460	ND	0.00540	ND	0.00520	ND	0.00510	ND	0.00470	ND	0.00470
p-Isopropyltoluene	99-87-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
sec-Butylbenzene	135-98-8	11	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Styrene	100-42-5	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Toluene	108-88-3	0.7	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Trichloroethylene	79-01-6	0.47	10	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00230	ND	0.00270	ND	0.00260	ND	0.00250	ND	0.00240	ND	0.00240
Xylenes, Total	1330-20-7	0.26	100	ND	0.00690	ND	0.00810	ND	0.00780	ND	0.00760	ND	0.00710	ND	0.00710

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 - 15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2-Dibromoethane	106-93-4	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,2-Dichloropropane	78-87-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.06500	ND	0.04700	ND	0.04700	ND	0.04800	ND	0.04900	ND	0.04600
2-Butanone	78-93-3	0.12	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
2-Hexanone	591-78-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Acetone	67-64-1	0.05	100	ND	0.00650	0.0210	0.0047	ND	0.00470	ND	0.00480	ND	0.00490	ND	0.00460
Acrolein	107-02-8	~	~	ND	0.00650	ND	0.00470	ND	0.00470	ND	0.00480	ND	0.00490	ND	0.00460
Acrylonitrile	107-13-1	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Benzene	71-43-2	0.06	2.9	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Bromochloromethane	74-97-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Bromodichloromethane	75-27-4	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Bromoform	75-25-2	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Bromomethane	74-83-9	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Carbon disulfide	75-15-0	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 - 15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Chlorobenzene	108-90-7	1.1	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Chloroethane	75-00-3	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Chloroform	67-66-3	0.37	10	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Chloromethane	74-87-3	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Cyclohexane	110-82-7	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Dibromochloromethane	124-48-1	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Dibromomethane	74-95-3	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Ethyl Benzene	100-41-4	1	30	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Hexachlorobutadiene	87-68-3	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Isopropylbenzene	98-82-8	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Methyl acetate	79-20-9	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Methylcyclohexane	108-87-2	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Methylene chloride	75-09-2	0.05	51	ND	0.00650	ND	0.00470	ND	0.00470	ND	0.00480	ND	0.00490	ND	0.00460
n-Butylbenzene	104-51-8	12	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
n-Propylbenzene	103-65-1	3.9	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
o-Xylene	95-47-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
p- & m- Xylenes	179601-23-1	~	~	ND	0.00650	ND	0.00470	ND	0.00470	ND	0.00480	ND	0.00490	ND	0.00460
p-Isopropyltoluene	99-87-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
sec-Butylbenzene	135-98-8	11	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Styrene	100-42-5	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Toluene	108-88-3	0.7	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Trichloroethylene	79-01-6	0.47	10	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 - 15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00330	ND	0.00230	ND	0.00230	ND	0.00240	ND	0.00250	ND	0.00230
Xylenes, Total	1330-20-7	0.26	100	ND	0.00980	ND	0.00700	ND	0.00700	ND	0.00720	ND	0.00740	ND	0.00680

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19		EP-20		EP-21		EP-22		EP-23		EP-24	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/14/2024		5/28/2024		6/10/2024		5/9/2024		5/9/2024		5/9/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2-Dibromoethane	106-93-4	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,2-Dichloropropane	78-87-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.06600	ND	0.04100	ND	0.04700	ND	0.04600	ND	0.04600	ND	0.04700
2-Butanone	78-93-3	0.12	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
2-Hexanone	591-78-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Acetone	67-64-1	0.05	100	ND	0.00660	ND	0.00410	ND	0.00470	**0.0560**	0.0046	ND	0.00460	0.0260	0.0047
Acrolein	107-02-8	~	~	ND	0.00660	ND	0.00410	ND	0.00470	ND	0.00460	ND	0.00460	ND	0.00470
Acrylonitrile	107-13-1	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Benzene	71-43-2	0.06	2.9	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Bromochloromethane	74-97-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Bromodichloromethane	75-27-4	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Bromoform	75-25-2	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Bromomethane	74-83-9	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Carbon disulfide	75-15-0	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19		EP-20		EP-21		EP-22		EP-23		EP-24	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/14/2024		5/28/2024		6/10/2024		5/9/2024		5/9/2024		5/9/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Chlorobenzene	108-90-7	1.1	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Chloroethane	75-00-3	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Chloroform	67-66-3	0.37	10	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Chloromethane	74-87-3	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Cyclohexane	110-82-7	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Dibromochloromethane	124-48-1	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Dibromomethane	74-95-3	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Ethyl Benzene	100-41-4	1	30	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Hexachlorobutadiene	87-68-3	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Isopropylbenzene	98-82-8	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Methyl acetate	79-20-9	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Methylcyclohexane	108-87-2	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Methylene chloride	75-09-2	0.05	51	ND	0.00660	ND	0.00410	ND	0.00470	ND	0.00460	ND	0.00460	ND	0.00470
n-Butylbenzene	104-51-8	12	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
n-Propylbenzene	103-65-1	3.9	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
o-Xylene	95-47-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
p- & m- Xylenes	179601-23-1	~	~	ND	0.00660	ND	0.00410	ND	0.00470	ND	0.00460	ND	0.00460	ND	0.00470
p-Isopropyltoluene	99-87-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
sec-Butylbenzene	135-98-8	11	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Styrene	100-42-5	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Toluene	108-88-3	0.7	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Trichloroethylene	79-01-6	0.47	10	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil		EP-21 12 ft. bgs 6/10/2024 Soil		EP-22 12 - 15 ft. bgs 5/9/2024 Soil		EP-23 12 - 15 ft. bgs 5/9/2024 Soil		EP-24 12 - 15 ft. bgs 5/9/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00330	ND	0.00210	ND	0.00230	ND	0.00230	ND	0.00230	ND	0.00240
Xylenes, Total	1330-20-7	0.26	100	ND	0.00990	ND	0.00620	ND	0.00700	ND	0.00690	ND	0.00690	ND	0.00710

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2-Dibromoethane	106-93-4	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,2-Dichloropropane	78-87-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.04800	ND	0.05000	ND	0.04500	ND	0.05100	ND	0.05200	ND	0.04900
2-Butanone	78-93-3	0.12	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
2-Hexanone	591-78-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Acetone	67-64-1	0.05	100	ND	0.00480	ND	0.00500	ND	0.00450	ND	0.00510	ND	0.00520	ND	0.00490
Acrolein	107-02-8	~	~	ND	0.00480	ND	0.00500	ND	0.00450	ND	0.00510	ND	0.00520	ND	0.00490
Acrylonitrile	107-13-1	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Benzene	71-43-2	0.06	2.9	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Bromochloromethane	74-97-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Bromodichloromethane	75-27-4	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Bromoform	75-25-2	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Bromomethane	74-83-9	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Carbon disulfide	75-15-0	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Chlorobenzene	108-90-7	1.1	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Chloroethane	75-00-3	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Chloroform	67-66-3	0.37	10	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Chloromethane	74-87-3	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Cyclohexane	110-82-7	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Dibromochloromethane	124-48-1	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Dibromomethane	74-95-3	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Ethyl Benzene	100-41-4	1	30	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Hexachlorobutadiene	87-68-3	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Isopropylbenzene	98-82-8	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Methyl acetate	79-20-9	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Methylcyclohexane	108-87-2	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Methylene chloride	75-09-2	0.05	51	ND	0.00480	ND	0.00500	ND	0.00450	ND	0.00510	ND	0.00520	ND	0.00490
n-Butylbenzene	104-51-8	12	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
n-Propylbenzene	103-65-1	3.9	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
o-Xylene	95-47-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
p- & m- Xylenes	179601-23-1	~	~	ND	0.00480	ND	0.00500	ND	0.00450	ND	0.00510	ND	0.00520	ND	0.00490
p-Isopropyltoluene	99-87-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
sec-Butylbenzene	135-98-8	11	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Styrene	100-42-5	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Tetrachloroethylene	127-18-4	1.3	5.5	0.00550	0.00240	ND	0.00250	0.0043 J	0.00230	0.0029 J	0.00260	ND	0.00260	ND	0.00250
Toluene	108-88-3	0.7	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Trichloroethylene	79-01-6	0.47	10	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00240	ND	0.00250	ND	0.00230	ND	0.00260	ND	0.00260	ND	0.00250
Xylenes, Total	1330-20-7	0.26	100	ND	0.00720	ND	0.00740	ND	0.00680	ND	0.00770	ND	0.00790	ND	0.00740

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

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End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2-Dibromoethane	106-93-4	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,2-Dichloropropane	78-87-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.05300	ND	0.05000	ND	0.05300	ND	0.05700	ND	0.05800	ND	0.05100
2-Butanone	78-93-3	0.12	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
2-Hexanone	591-78-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Acetone	67-64-1	0.05	100	ND	0.00530	ND	0.00500	ND	0.00530	ND	0.00570	ND	0.00580	ND	0.00510
Acrolein	107-02-8	~	~	ND	0.00530	ND	0.00500	ND	0.00530	ND	0.00570	ND	0.00580	ND	0.00510
Acrylonitrile	107-13-1	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Benzene	71-43-2	0.06	2.9	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Bromochloromethane	74-97-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Bromodichloromethane	75-27-4	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Bromoform	75-25-2	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Bromomethane	74-83-9	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Carbon disulfide	75-15-0	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Chlorobenzene	108-90-7	1.1	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Chloroethane	75-00-3	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Chloroform	67-66-3	0.37	10	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Chloromethane	74-87-3	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Cyclohexane	110-82-7	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Dibromochloromethane	124-48-1	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Dibromomethane	74-95-3	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Ethyl Benzene	100-41-4	1	30	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Hexachlorobutadiene	87-68-3	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Isopropylbenzene	98-82-8	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Methyl acetate	79-20-9	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Methylcyclohexane	108-87-2	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Methylene chloride	75-09-2	0.05	51	ND	0.00530	ND	0.00500	ND	0.00530	ND	0.00570	ND	0.00580	ND	0.00510
n-Butylbenzene	104-51-8	12	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
n-Propylbenzene	103-65-1	3.9	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
o-Xylene	95-47-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
p- & m- Xylenes	179601-23-1	~	~	ND	0.00530	ND	0.00500	ND	0.00530	ND	0.00570	ND	0.00580	ND	0.00510
p-Isopropyltoluene	99-87-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
sec-Butylbenzene	135-98-8	11	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Styrene	100-42-5	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Toluene	108-88-3	0.7	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Trichloroethylene	79-01-6	0.47	10	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00270	ND	0.00250	ND	0.00260	ND	0.00290	ND	0.00290	ND	0.00250
Xylenes, Total	1330-20-7	0.26	100	ND	0.00800	ND	0.00750	ND	0.00790	ND	0.00860	ND	0.00870	ND	0.00760

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

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End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00300	ND	0.00250	**86**	1	ND	0.00170	ND	0.00220	ND	0.00220
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2-Dibromoethane	106-93-4	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,2-Dichloropropane	78-87-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00300	ND	0.00250	**23**	0	ND	0.00170	ND	0.00220	ND	0.00220
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.06000	ND	0.05000	ND	0.05000	ND	0.03400	ND	0.04300	ND	0.04500
2-Butanone	78-93-3	0.12	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
2-Hexanone	591-78-6	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Acetone	67-64-1	0.05	100	ND	0.00600	ND	0.00500	0.0160	0.0050	ND	0.00340	ND	0.00430	0.017	0.005
Acrolein	107-02-8	~	~	ND	0.00600	ND	0.00500	ND	0.00500	ND	0.00340	ND	0.00430	ND	0.00450
Acrylonitrile	107-13-1	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Benzene	71-43-2	0.06	2.9	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Bromochloromethane	74-97-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Bromodichloromethane	75-27-4	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Bromoform	75-25-2	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Bromomethane	74-83-9	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Carbon disulfide	75-15-0	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 - 15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Chlorobenzene	108-90-7	1.1	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Chloroethane	75-00-3	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Chloroform	67-66-3	0.37	10	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Chloromethane	74-87-3	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00300	ND	0.00250	**0.910**	0.240	ND	0.00170	ND	0.00220	ND	0.00220
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Cyclohexane	110-82-7	~	~	ND	0.00300	ND	0.00250	0.0310	0.0025	ND	0.00170	ND	0.00220	ND	0.00220
Dibromochloromethane	124-48-1	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Dibromomethane	74-95-3	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Ethyl Benzene	100-41-4	1	30	ND	0.00300	ND	0.00250	**4.400**	0.240	ND	0.00170	ND	0.00220	ND	0.00220
Hexachlorobutadiene	87-68-3	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Isopropylbenzene	98-82-8	~	~	ND	0.00300	ND	0.00250	2.700	0.240	ND	0.00170	ND	0.00220	ND	0.00220
Methyl acetate	79-20-9	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Methylcyclohexane	108-87-2	~	~	ND	0.00300	ND	0.00250	1.100	0.240	ND	0.00170	ND	0.00220	ND	0.00220
Methylene chloride	75-09-2	0.05	51	ND	0.00600	ND	0.00500	0.0065 J	0.00500	ND	0.00340	ND	0.00430	ND	0.00450
n-Butylbenzene	104-51-8	12	100	ND	0.00300	ND	0.00250	8.600	0.240	ND	0.00170	ND	0.00220	ND	0.00220
n-Propylbenzene	103-65-1	3.9	100	ND	0.00300	ND	0.00250	**9.900**	0.240	ND	0.00170	ND	0.00220	ND	0.00220
o-Xylene	95-47-6	~	~	ND	0.00300	ND	0.00250	1.500	0.240	ND	0.00170	ND	0.00220	ND	0.00220
p- & m- Xylenes	179601-23-1	~	~	ND	0.00600	ND	0.00500	1.700	0.480	ND	0.00340	ND	0.00430	ND	0.00450
p-Isopropyltoluene	99-87-6	~	~	ND	0.00300	ND	0.00250	2.800	0.240	ND	0.00170	ND	0.00220	ND	0.00220
sec-Butylbenzene	135-98-8	11	100	ND	0.00300	ND	0.00250	4.900	0.240	ND	0.00170	ND	0.00220	ND	0.00220
Styrene	100-42-5	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Toluene	108-88-3	0.7	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Trichloroethylene	79-01-6	0.47	10	ND	0.00300	ND	0.00250	0.0150	0.0025	ND	0.00170	ND	0.00220	ND	0.00220

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38 12 - 15 ft. bgs 6/10/2024 Soil		EP-39 12 - 15 ft. bgs 6/10/2024 Soil		EP-40 12 - 15 ft. bgs 5/14/2024 Soil		EP-41 12 - 15 ft. bgs 5/28/2024 Soil		EP-42 12 - 15 ft. bgs 6/10/2024 Soil		EP-62 12 ft. bgs 6/7/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOC, 8260 MASTER															
Trichlorofluoromethane	75-69-4	~	~	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00300	ND	0.00250	ND	0.00250	ND	0.00170	ND	0.00220	ND	0.00220
Xylenes, Total	1330-20-7	0.26	100	ND	0.00890	ND	0.00760	**3.200**	0.720	ND	0.00520	ND	0.00650	ND	0.00670

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
~ - this indicates that no regulatory limit has been established for this analyte
indicates that the analyte exceeds the NYSDEC Unrestricted Use
indicates that the analyte exceeds the NYSDEC Restricted Use S

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg	
				Result	LOD	Result	LOD
VOC, 8260 MASTER							
1,1,1,2-Tetrachloroethane	630-20-6	~	~	ND	0.00230	ND	0.00220
1,1,1-Trichloroethane	71-55-6	0.68	100	ND	0.00230	ND	0.00220
1,1,2,2-Tetrachloroethane	79-34-5	~	~	ND	0.00230	ND	0.00220
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	ND	0.00230	ND	0.00220
1,1,2-Trichloroethane	79-00-5	~	~	ND	0.00230	ND	0.00220
1,1-Dichloroethane	75-34-3	0.27	19	ND	0.00230	ND	0.00220
1,1-Dichloroethylene	75-35-4	0.33	100	ND	0.00230	ND	0.00220
1,2,3-Trichlorobenzene	87-61-6	~	~	ND	0.00230	ND	0.00220
1,2,3-Trichloropropane	96-18-4	~	~	ND	0.00230	ND	0.00220
1,2,4-Trichlorobenzene	120-82-1	~	~	ND	0.00230	ND	0.00220
1,2,4-Trimethylbenzene	95-63-6	3.6	47	ND	0.00230	ND	0.00220
1,2-Dibromo-3-chloropropane	96-12-8	~	~	ND	0.00230	ND	0.00220
1,2-Dibromoethane	106-93-4	~	~	ND	0.00230	ND	0.00220
1,2-Dichlorobenzene	95-50-1	1.1	100	ND	0.00230	ND	0.00220
1,2-Dichloroethane	107-06-2	0.02	2.3	ND	0.00230	ND	0.00220
1,2-Dichloropropane	78-87-5	~	~	ND	0.00230	ND	0.00220
1,3,5-Trimethylbenzene	108-67-8	8.4	47	ND	0.00230	ND	0.00220
1,3-Dichlorobenzene	541-73-1	2.4	17	ND	0.00230	ND	0.00220
1,4-Dichlorobenzene	106-46-7	1.8	9.8	ND	0.00230	ND	0.00220
1,4-Dioxane	123-91-1	0.1	9.8	ND	0.04600	ND	0.04500
2-Butanone	78-93-3	0.12	100	ND	0.00230	ND	0.00220
2-Hexanone	591-78-6	~	~	ND	0.00230	ND	0.00220
4-Methyl-2-pentanone	108-10-1	~	~	ND	0.00230	ND	0.00220
Acetone	67-64-1	0.05	100	ND	0.00460	ND	0.00450
Acrolein	107-02-8	~	~	ND	0.00460	ND	0.00450
Acrylonitrile	107-13-1	~	~	ND	0.00230	ND	0.00220
Benzene	71-43-2	0.06	2.9	ND	0.00230	ND	0.00220
Bromochloromethane	74-97-5	~	~	ND	0.00230	ND	0.00220
Bromodichloromethane	75-27-4	~	~	ND	0.00230	ND	0.00220
Bromoform	75-25-2	~	~	ND	0.00230	ND	0.00220
Bromomethane	74-83-9	~	~	ND	0.00230	ND	0.00220
Carbon disulfide	75-15-0	~	~	ND	0.00230	ND	0.00220

Table 7
End-point Soil Sample VOCs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg	
				Result	LOD	Result	LOD
VOC, 8260 MASTER							
Carbon tetrachloride	56-23-5	0.76	1.4	ND	0.00230	ND	0.00220
Chlorobenzene	108-90-7	1.1	100	ND	0.00230	ND	0.00220
Chloroethane	75-00-3	~	~	ND	0.00230	ND	0.00220
Chloroform	67-66-3	0.37	10	ND	0.00230	ND	0.00220
Chloromethane	74-87-3	~	~	ND	0.00230	ND	0.00220
cis-1,2-Dichloroethylene	156-59-2	0.25	59	ND	0.00230	ND	0.00220
cis-1,3-Dichloropropylene	10061-01-5	~	~	ND	0.00230	ND	0.00220
Cyclohexane	110-82-7	~	~	ND	0.00230	ND	0.00220
Dibromochloromethane	124-48-1	~	~	ND	0.00230	ND	0.00220
Dibromomethane	74-95-3	~	~	ND	0.00230	ND	0.00220
Dichlorodifluoromethane	75-71-8	~	~	ND	0.00230	ND	0.00220
Ethyl Benzene	100-41-4	1	30	ND	0.00230	ND	0.00220
Hexachlorobutadiene	87-68-3	~	~	ND	0.00230	ND	0.00220
Isopropylbenzene	98-82-8	~	~	ND	0.00230	ND	0.00220
Methyl acetate	79-20-9	~	~	ND	0.00230	ND	0.00220
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.00230	ND	0.00220
Methylcyclohexane	108-87-2	~	~	ND	0.00230	ND	0.00220
Methylene chloride	75-09-2	0.05	51	ND	0.00460	ND	0.00450
n-Butylbenzene	104-51-8	12	100	ND	0.00230	ND	0.00220
n-Propylbenzene	103-65-1	3.9	100	ND	0.00230	ND	0.00220
o-Xylene	95-47-6	~	~	ND	0.00230	ND	0.00220
p- & m- Xylenes	179601-23-1	~	~	ND	0.00460	ND	0.00450
p-Isopropyltoluene	99-87-6	~	~	ND	0.00230	ND	0.00220
sec-Butylbenzene	135-98-8	11	100	ND	0.00230	ND	0.00220
Styrene	100-42-5	~	~	ND	0.00230	ND	0.00220
tert-Butyl alcohol (TBA)	75-65-0	~	~	ND	0.00230	ND	0.00220
tert-Butylbenzene	98-06-6	5.9	100	ND	0.00230	ND	0.00220
Tetrachloroethylene	127-18-4	1.3	5.5	ND	0.00230	ND	0.00220
Toluene	108-88-3	0.7	100	ND	0.00230	ND	0.00220
trans-1,2-Dichloroethylene	156-60-5	0.19	100	ND	0.00230	ND	0.00220
trans-1,3-Dichloropropylene	10061-02-6	~	~	ND	0.00230	ND	0.00220
Trichloroethylene	79-01-6	0.47	10	ND	0.00230	ND	0.00220

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End-point Soil Sample VOCs Analytical Results Summary
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Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg	
				Result	LOD	Result	LOD
VOC, 8260 MASTER							
Trichlorofluoromethane	75-69-4	~	~	ND	0.00230	ND	0.00220
Vinyl Chloride	75-01-4	0.02	0.21	ND	0.00230	ND	0.00220
Xylenes, Total	1330-20-7	0.26	100	ND	0.00690	ND	0.00670

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estim
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indicates that the analyte exceeds the NYSDEC Unrestricted Use
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Aldrin	309-00-2	0.005	0.019	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
alpha-BHC	319-84-6	0.02	0.097	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
beta-BHC	319-85-7	0.036	0.072	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Chlordane, total	57-74-9	~	~	ND	0.03580	ND	0.03580	ND	0.03580	ND	0.03530	ND	0.03540	ND	0.03520
delta-BHC	319-86-8	0.04	100	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Dieldrin	60-57-1	0.005	0.039	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endosulfan I	959-98-8	2.4	4.8	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endrin	72-20-8	0.014	2.2	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endrin aldehyde	7421-93-4	~	~	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Endrin ketone	53494-70-5	~	~	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
gamma-Chlordane	5566-34-7	~	~	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Heptachlor	76-44-8	0.042	0.42	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Heptachlor epoxide	1024-57-3	~	~	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Methoxychlor	72-43-5	~	~	ND	0.00179	ND	0.00179	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00176
Toxaphene	8001-35-2	~	~	ND	0.17900	ND	0.17900	ND	0.17900	ND	0.17700	ND	0.17700	ND	0.17600

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7 12 ft. bgs 5/10/2024 Soil		EP-8 12 ft. bgs 5/10/2024 Soil		EP-9 12 ft. bgs 5/14/2024 Soil		EP-10 12 ft. bgs 5/14/2024 Soil		EP-11 12 ft. bgs 5/13/2024 Soil		EP-12 12 ft. bgs 6/7/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Aldrin	309-00-2	0.005	0.019	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
alpha-BHC	319-84-6	0.02	0.097	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
beta-BHC	319-85-7	0.036	0.072	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Chlordane, total	57-74-9	~	~	ND	0.03530	ND	0.03530	ND	0.03580	ND	0.03510	ND	0.03420	ND	0.03580
delta-BHC	319-86-8	0.04	100	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Dieldrin	60-57-1	0.005	0.039	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endosulfan I	959-98-8	2.4	4.8	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endrin	72-20-8	0.014	2.2	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endrin aldehyde	7421-93-4	~	~	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Endrin ketone	53494-70-5	~	~	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
gamma-Chlordane	5566-34-7	~	~	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Heptachlor	76-44-8	0.042	0.42	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Heptachlor epoxide	1024-57-3	~	~	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Methoxychlor	72-43-5	~	~	ND	0.00177	ND	0.00176	ND	0.00179	ND	0.00175	ND	0.00171	ND	0.00179
Toxaphene	8001-35-2	~	~	ND	0.17700	ND	0.17600	ND	0.17900	ND	0.17500	ND	0.17100	ND	0.17900

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
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~ - this indicates that no regulatory limit has been established for this analyte

Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13 12 ft. bgs 6/7/2024 Soil		EP-14 12 ft. bgs 5/13/2024 Soil		EP-15 12 ft. bgs 5/13/2024 Soil		EP-16 12-15 ft. bgs 5/28/2024 Soil		EP-17 12 ft. bgs 6/12/2024 Soil		EP-18 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Aldrin	309-00-2	0.005	0.019	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
alpha-BHC	319-84-6	0.02	0.097	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
beta-BHC	319-85-7	0.036	0.072	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Chlordane, total	57-74-9	~	~	ND	0.03550	ND	0.03560	ND	0.03530	ND	0.03650	ND	0.03440	ND	0.03460
delta-BHC	319-86-8	0.04	100	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Dieldrin	60-57-1	0.005	0.039	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endosulfan I	959-98-8	2.4	4.8	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endrin	72-20-8	0.014	2.2	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endrin aldehyde	7421-93-4	~	~	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Endrin ketone	53494-70-5	~	~	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
gamma-Chlordane	5566-34-7	~	~	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Heptachlor	76-44-8	0.042	0.42	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Heptachlor epoxide	1024-57-3	~	~	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Methoxychlor	72-43-5	~	~	ND	0.00177	ND	0.00178	ND	0.00177	ND	0.00182	ND	0.00172	ND	0.00173
Toxaphene	8001-35-2	~	~	ND	0.17700	ND	0.17800	ND	0.17700	ND	0.18200	ND	0.17200	ND	0.17300

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil		EP-21 12 ft. bgs 6/10/2024 Soil		EP-22 12-15 ft. bgs 5/9/2024 Soil		EP-23 12-15 ft. bgs 5/9/2024 Soil		EP-24 12-15 ft. bgs 5/9/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Aldrin	309-00-2	0.005	0.019	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
alpha-BHC	319-84-6	0.02	0.097	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
beta-BHC	319-85-7	0.036	0.072	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Chlordane, total	57-74-9	~	~	ND	0.03470	ND	0.03560	ND	0.03560	ND	0.03500	ND	0.03580	ND	0.03500
delta-BHC	319-86-8	0.04	100	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Dieldrin	60-57-1	0.005	0.039	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endosulfan I	959-98-8	2.4	4.8	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endrin	72-20-8	0.014	2.2	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endrin aldehyde	7421-93-4	~	~	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Endrin ketone	53494-70-5	~	~	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
gamma-Chlordane	5566-34-7	~	~	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Heptachlor	76-44-8	0.042	0.42	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Heptachlor epoxide	1024-57-3	~	~	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Methoxychlor	72-43-5	~	~	ND	0.00174	ND	0.00178	ND	0.00178	ND	0.00175	ND	0.00179	ND	0.00175
Toxaphene	8001-35-2	~	~	ND	0.17400	ND	0.17800	ND	0.17800	ND	0.17500	ND	0.17900	ND	0.17500

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25 12-15 ft. bgs 5/16/2024 Soil		EP-26 12-15 ft. bgs 5/16/2024 Soil		EP-27 12-15 ft. bgs 5/17/2024 Soil		EP-28 12-15 ft. bgs 5/10/2024 Soil		EP-29 12-15 ft. bgs 5/10/2024 Soil		EP-30 12-15 ft. bgs 5/14/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Aldrin	309-00-2	0.005	0.019	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
alpha-BHC	319-84-6	0.02	0.097	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
beta-BHC	319-85-7	0.036	0.072	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Chlordane, total	57-74-9	~	~	ND	0.03560	ND	0.03550	ND	0.03580	ND	0.03490	ND	0.03500	ND	0.03670
delta-BHC	319-86-8	0.04	100	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Dieldrin	60-57-1	0.005	0.039	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endosulfan I	959-98-8	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endrin	72-20-8	0.014	2.2	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endrin aldehyde	7421-93-4	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Endrin ketone	53494-70-5	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
gamma-Chlordane	5566-34-7	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Heptachlor	76-44-8	0.042	0.42	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Heptachlor epoxide	1024-57-3	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Methoxychlor	72-43-5	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00174	ND	0.00175	ND	0.00184
Toxaphene	8001-35-2	~	~	ND	0.17800	ND	0.17800	ND	0.17900	ND	0.17400	ND	0.17500	ND	0.18400

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lim
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31 12-15 ft. bgs 5/14/2024 Soil		EP-32 12-15 ft. bgs 5/13/2024 Soil		EP-33 12-15 ft. bgs 6/7/2024 Soil		EP-34 12-15 ft. bgs 6/7/2024 Soil		EP-35 12-15 ft. bgs 5/13/2024 Soil		EP-36 12-15 ft. bgs 5/13/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Aldrin	309-00-2	0.005	0.019	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
alpha-BHC	319-84-6	0.02	0.097	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
beta-BHC	319-85-7	0.036	0.072	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Chlordane, total	57-74-9	~	~	ND	0.03500	ND	0.03430	ND	0.03500	ND	0.03510	ND	0.03580	ND	0.03550
delta-BHC	319-86-8	0.04	100	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Dieldrin	60-57-1	0.005	0.039	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endosulfan I	959-98-8	2.4	4.8	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endrin	72-20-8	0.014	2.2	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endrin aldehyde	7421-93-4	~	~	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Endrin ketone	53494-70-5	~	~	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
gamma-Chlordane	5566-34-7	~	~	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Heptachlor	76-44-8	0.042	0.42	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Heptachlor epoxide	1024-57-3	~	~	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Methoxychlor	72-43-5	~	~	ND	0.00175	ND	0.00171	ND	0.00175	ND	0.00176	ND	0.00179	ND	0.00177
Toxaphene	8001-35-2	~	~	ND	0.17500	ND	0.17100	ND	0.17500	ND	0.17600	ND	0.17900	ND	0.17700

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lim
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Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Aldrin	309-00-2	0.005	0.019	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
alpha-BHC	319-84-6	0.02	0.097	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
beta-BHC	319-85-7	0.036	0.072	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Chlordane, total	57-74-9	~	~	ND	0.03560	ND	0.03550	ND	0.03570	ND	0.03530	ND	0.03550	ND	0.03540
delta-BHC	319-86-8	0.04	100	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Dieldrin	60-57-1	0.005	0.039	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endosulfan I	959-98-8	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endrin	72-20-8	0.014	2.2	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endrin aldehyde	7421-93-4	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Endrin ketone	53494-70-5	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
gamma-Chlordane	5566-34-7	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Heptachlor	76-44-8	0.042	0.42	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Heptachlor epoxide	1024-57-3	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Methoxychlor	72-43-5	~	~	ND	0.00178	ND	0.00178	ND	0.00179	ND	0.00177	ND	0.00177	ND	0.00177
Toxaphene	8001-35-2	~	~	ND	0.17800	ND	0.17800	ND	0.17900	ND	0.17700	ND	0.17700	ND	0.17700

NOTES:
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LOD - limit of detection for analyte
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~ - this indicates that no regulatory limit has been established for this analyte

Table 9
End-point Soil Sample Pesticides Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg	
				Result	LOD	Result	LOD
PEST, 8081 MASTER							
4,4'-DDD	72-54-8	0.0033	2.6	ND	0.00172	ND	0.00172
4,4'-DDE	72-55-9	0.0033	1.8	ND	0.00172	ND	0.00172
4,4'-DDT	50-29-3	0.0033	1.7	ND	0.00172	ND	0.00172
Aldrin	309-00-2	0.005	0.019	ND	0.00172	ND	0.00172
alpha-BHC	319-84-6	0.02	0.097	ND	0.00172	ND	0.00172
alpha-Chlordane	5103-71-9	0.094	0.91	ND	0.00172	ND	0.00172
beta-BHC	319-85-7	0.036	0.072	ND	0.00172	ND	0.00172
Chlordane, total	57-74-9	~	~	ND	0.03430	ND	0.03440
delta-BHC	319-86-8	0.04	100	ND	0.00172	ND	0.00172
Dieldrin	60-57-1	0.005	0.039	ND	0.00172	ND	0.00172
Endosulfan I	959-98-8	2.4	4.8	ND	0.00172	ND	0.00172
Endosulfan II	33213-65-9	2.4	4.8	ND	0.00172	ND	0.00172
Endosulfan sulfate	1031-07-8	2.4	4.8	ND	0.00172	ND	0.00172
Endrin	72-20-8	0.014	2.2	ND	0.00172	ND	0.00172
Endrin aldehyde	7421-93-4	~	~	ND	0.00172	ND	0.00172
Endrin ketone	53494-70-5	~	~	ND	0.00172	ND	0.00172
gamma-BHC (Lindane)	58-89-9	0.1	0.28	ND	0.00172	ND	0.00172
gamma-Chlordane	5566-34-7	~	~	ND	0.00172	ND	0.00172
Heptachlor	76-44-8	0.042	0.42	ND	0.00172	ND	0.00172
Heptachlor epoxide	1024-57-3	~	~	ND	0.00172	ND	0.00172
Methoxychlor	72-43-5	~	~	ND	0.00172	ND	0.00172
Toxaphene	8001-35-2	~	~	ND	0.17200	ND	0.17200

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Lim
~ - this indicates that no regulatory limit has been established for this analyte

Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01 12' bgs 5/9/2024 Soil		EP-02 12' bgs 5/9/2024 Soil		EP-03 12' bgs 5/9/2024 Soil		EP-04 12' bgs 5/16/2024 Soil		EP-05 12' bgs 5/16/2024 Soil		EP-06 12' bgs 5/17/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	7440	4.53	6790	4.53	5300	4.53	6790	4.56	6150	4.58	6090	4.49
Antimony	7440-36-0	~	~	ND	2.27	ND	2.27	ND	2.27	ND	2.28	ND	2.29	ND	2.24
Arsenic	7440-38-2	13	16	1.74	1.36	1.59	1.36	1.44	1.36	1.41	1.37	1.78	1.37	1.6	1.35
Barium	7440-39-3	350	350	46.1	2.26	41.4	2.26	32	2.26	40.1	2.28	35.1	2.29	41.3	2.24
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.046	ND	0.046	ND	0.046	ND	0.046	ND	0.045
Cadmium	7440-43-9	2.5	2.5	ND	0.272	ND	0.272	ND	0.272	ND	0.274	ND	0.275	ND	0.269
Calcium	7440-70-2	~	~	2970	4.53	1060	4.53	1150	4.53	4970	4.56	841	4.58	1250	4.49
Chromium	7440-47-3	~	~	12.5	0.454	18.7	0.454	11.8	0.454	14.8	0.457	11.4	0.458	13.1	0.449
Cobalt	7440-48-4	~	~	5.01	0.362	6.1	0.362	3.95	0.362	4.26	0.365	3.99	0.366	3.9	0.359
Copper	7440-50-8	50	270	15.8	1.81	16.1	1.81	13.6	1.81	14.4	1.83	11.5	1.83	11.3	1.8
Iron	7439-89-6	~	~	11000	22.7	10400	22.7	9420	22.7	9410	22.8	8330	22.9	9070	22.4
Lead	7439-92-1	63	400	5.6	0.454	4.51	0.454	5.16	0.454	9.22	0.457	4.99	0.458	12.5	0.449
Magnesium	7439-95-4	~	~	1820	4.54	2000	4.54	1790	4.54	2610	4.57	1620	4.58	1410	4.49
Manganese	7439-96-5	1600	2000	323	0.454	275	0.454	211	0.454	300	0.457	318	0.458	230	0.449
Nickel	7440-02-0	30	140	10.7	0.903	11.4	0.903	7.99	0.903	9.55	0.909	8.75	0.912	8.45	0.894
Potassium	7440-09-7	~	~	910	4.54	859	4.54	766	4.54	1120	4.57	1040	4.58	835	4.49
Selenium	7782-49-2	3.9	36	ND	2.27	ND	2.27	ND	2.27	ND	2.28	ND	2.29	ND	2.24
Silver	7440-22-4	2	36	ND	0.457	ND	0.457	ND	0.457	ND	0.46	ND	0.461	ND	0.453
Sodium	7440-23-5	~	~	51.4	45.3	61.7	45.3	53.7	45.3	149	45.6	104	45.8	77.3	44.9
Thallium	7440-28-0	~	~	ND	2.27	ND	2.27	ND	2.27	ND	2.28	ND	2.29	ND	2.24
Vanadium	7440-62-2	~	~	18.3	0.903	19.7	0.903	15.7	0.903	17.6	0.909	16.9	0.912	19.4	0.894
Zinc	7440-66-6	109	2200	23.7	2.26	20	2.26	19.7	2.26	32.2	2.27	21.1	2.28	24.9	2.24
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.033	ND	0.033	ND	0.033	ND	0.033	ND	0.033	ND	0.0323

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
J - analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
~ - this indicates that no regulatory limit has been established for this analyte

Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-7 12' bgs 5/10/2024 Soil		EP-8 12' bgs 5/10/2024 Soil		EP-9 12' bgs 5/14/2024 Soil		EP-10 12' bgs 5/14/2024 Soil		EP-11 12' bgs 5/13/2024 Soil		EP-12 12' bgs 6/7/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	96.4	4.52	4350	4.5	6380	4.56	6490	4.5	4090	4.45	5660	4.54
Antimony	7440-36-0	~	~	ND	2.26	ND	2.25	ND	2.28	ND	2.25	ND	2.23	ND	2.27
Arsenic	7440-38-2	13	16	ND	1.36	ND	1.35	1.7	1.37	2.64	1.35	1.34	1.34	2.33	1.36
Barium	7440-39-3	350	350	ND	2.26	30.6	2.24	37.7	2.28	40	2.25	28	2.22	38.9	2.26
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.045	ND	0.046	ND	0.045	ND	0.045	ND	0.046
Cadmium	7440-43-9	2.5	2.5	ND	0.271	ND	0.27	ND	0.274	ND	0.27	ND	0.267	ND	0.272
Calcium	7440-70-2	~	~	169	4.52	1390	4.5	1130	4.56	1550	4.5	964	4.45	1310	4.54
Chromium	7440-47-3	~	~	ND	0.452	8.76	0.45	12.2	0.457	14	0.451	10.1	0.445	13.2	0.454
Cobalt	7440-48-4	~	~	ND	0.361	3.8	0.359	4.34	0.365	4.57	0.36	3.54	0.356	4.37	0.363
Copper	7440-50-8	50	270	ND	1.81	11.9	1.8	11.1	1.83	15.3	1.8	11.7	1.78	14.8	1.81
Iron	7439-89-6	~	~	252	22.6	8400	22.5	9080	22.8	13800	22.5	7540	22.3	10600	22.7
Lead	7439-92-1	63	400	ND	0.452	3.87	0.45	5.35	0.457	5.68	0.451	3.02	0.445	8.74	0.454
Magnesium	7439-95-4	~	~	1050	4.52	1780	4.5	1630	4.57	2030	4.51	1410	4.45	1630	4.54
Manganese	7439-96-5	1600	2000	ND	0.452	235	0.45	298	0.457	297	0.451	266	0.445	327	0.454
Nickel	7440-02-0	30	140	ND	0.9	8.41	0.896	9.84	0.909	11.4	0.897	8.06	0.887	10.1	0.904
Potassium	7440-09-7	~	~	ND	4.52	900	4.5	851	4.57	950	4.51	710	4.45	823	4.54
Selenium	7782-49-2	3.9	36	ND	2.26	ND	2.25	ND	2.28	ND	2.25	ND	2.23	ND	2.27
Silver	7440-22-4	2	36	ND	0.456	ND	0.453	ND	0.46	ND	0.454	ND	0.449	ND	0.457
Sodium	7440-23-5	~	~	1290	45.2	78.6	45	83.5	45.6	194	45	75.1	44.5	105	45.4
Thallium	7440-28-0	~	~	ND	2.26	ND	2.25	ND	2.28	ND	2.25	ND	2.23	ND	2.27
Vanadium	7440-62-2	~	~	ND	0.9	14.1	0.896	16.8	0.909	26.5	0.897	11.8	0.887	17.9	0.904
Zinc	7440-66-6	109	2200	ND	2.25	16.8	2.24	19.1	2.27	20.3	2.24	15.2	2.22	23.8	2.26
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.033	ND	0.032	ND	0.0328	ND	0.0324	ND	0.032	ND	0.0327

NOTES:
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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13 12' bgs 6/7/2024 Soil		EP-14 12' bgs 5/13/2024 Soil		EP-15 12' bgs 5/13/2024 Soil		EP-16 12'-15' bgs 5/28/2024 Soil		EP-17 12' bgs 6/12/2024 Soil		EP-18 12' bgs 6/21/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	5820	4.52	5110	4.51	4830	4.48	4160	4.62	5460	4.42	5040	4.46
Antimony	7440-36-0	~	~	ND	2.26	ND	2.26	ND	2.24	ND	2.31	ND	2.21	ND	2.23
Arsenic	7440-38-2	13	16	2.29	1.36	1.44	1.35	1.36	1.34	2.03	1.39	2.1	1.33	1.86	1.34
Barium	7440-39-3	350	350	37.8	2.26	35.2	2.25	32.3	2.24	35.8	2.31	37.5	2.21	36.2	2.22
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.045	ND	0.045	ND	0.047	ND	0.045	ND	0.045
Cadmium	7440-43-9	2.5	2.5	ND	0.272	ND	0.271	ND	0.269	ND	0.277	ND	0.265	ND	0.267
Calcium	7440-70-2	~	~	1360	4.53	843	4.51	1200	4.48	1190	4.62	1970	4.42	1470	4.46
Chromium	7440-47-3	~	~	14.8	0.453	10.9	0.452	9.78	0.448	9.16	0.462	11.8	0.442	13.1	0.446
Cobalt	7440-48-4	~	~	4.5	0.362	4.51	0.361	4.45	0.358	4.36	0.369	4.4	0.353	4.52	0.356
Copper	7440-50-8	50	270	21.3	1.81	17.9	1.81	16.8	1.79	14.2	1.85	16	1.77	16.7	1.78
Iron	7439-89-6	~	~	10300	22.6	9240	22.6	8950	22.4	8890	23.1	10300	22.1	10900	22.3
Lead	7439-92-1	63	400	12.3	0.453	3.99	0.452	5.65	0.448	4.28	0.462	9.37	0.442	9.55	0.446
Magnesium	7439-95-4	~	~	2340	4.53	1630	4.52	1570	4.48	1710	4.62	1740	4.42	1860	4.46
Manganese	7439-96-5	1600	2000	291	0.453	313	0.452	229	0.448	260	0.462	296	0.442	263	0.446
Nickel	7440-02-0	30	140	10.3	0.901	9.26	0.899	10.2	0.892	8.82	0.92	10	0.88	10.1	0.888
Potassium	7440-09-7	~	~	1040	4.53	913	4.52	765	4.48	769	4.62	906	4.42	944	4.46
Selenium	7782-49-2	3.9	36	ND	2.26	ND	2.26	ND	2.24	ND	2.31	ND	2.21	ND	2.23
Silver	7440-22-4	2	36	ND	0.456	ND	0.455	ND	0.451	ND	0.465	ND	0.445	ND	0.449
Sodium	7440-23-5	~	~	127	45.3	82.6	45.1	147	44.8	113	46.2	175	44.2	116	44.6
Thallium	7440-28-0	~	~	ND	2.26	ND	2.26	ND	2.24	ND	2.31	ND	2.21	ND	2.23
Vanadium	7440-62-2	~	~	20	0.901	16.8	0.899	16.1	0.892	14.3	0.92	17.3	0.88	17	0.888
Zinc	7440-66-6	109	2200	24.5	2.25	22.7	2.25	18.1	2.23	17.2	2.3	23.5	2.2	26	2.22
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.0326	ND	0.0325	ND	0.0322	ND	0.0332	ND	0.0318	ND	0.0321

NOTES:
ft. bgs - feet below ground surface
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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19 12' bgs 5/14/2024 Soil		EP-20 12' bgs 5/28/2024 Soil		EP-21 12' bgs 6/10/2024 Soil		EP-22 12'-15' bgs 5/9/2024 Soil		EP-23 12'-15' bgs 5/9/2024 Soil		EP-24 12'-15' bgs 5/9/2024 Soil	
Compound	**CAS Number**			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	5740	4.46	4310	4.54	5570	4.52	5240	4.53	5660	4.53	5570	4.53
Antimony	7440-36-0	~	~	ND	2.23	ND	2.27	ND	2.26	ND	2.27	ND	2.27	ND	2.27
Arsenic	7440-38-2	13	16	1.57	1.34	1.69	1.36	1.84	1.36	1.53	1.36	2.04	1.36	1.45	1.36
Barium	7440-39-3	350	350	35.2	2.23	33	2.27	38.5	2.26	38.6	2.26	44.2	2.26	36.1	2.26
Beryllium	7440-41-7	7.2	14	ND	0.045	ND	0.046	ND	0.046	ND	0.046	ND	0.046	ND	0.046
Cadmium	7440-43-9	2.5	2.5	ND	0.267	ND	0.272	ND	0.271	ND	0.272	ND	0.272	ND	0.272
Calcium	7440-70-2	~	~	1620	4.46	1050	4.54	2430	4.52	712	4.53	778	4.53	882	4.53
Chromium	7440-47-3	~	~	11.7	0.446	9.57	0.454	11.3	0.452	12.6	0.454	14.3	0.454	14.6	0.454
Cobalt	7440-48-4	~	~	4.58	0.356	3.49	0.363	4.21	0.361	4.42	0.362	6.38	0.362	4.87	0.362
Copper	7440-50-8	50	270	12.1	1.78	11.9	1.82	12.8	1.81	13.2	1.81	13.9	1.81	13.6	1.81
Iron	7439-89-6	~	~	9650	22.3	8030	22.7	9120	22.6	9780	22.7	10700	22.7	10500	22.7
Lead	7439-92-1	63	400	5.73	0.446	4.25	0.454	11	0.452	4.34	0.454	4.79	0.454	4.92	0.454
Magnesium	7439-95-4	~	~	1900	4.46	1350	4.54	2000	4.52	1700	4.54	1860	4.54	1620	4.54
Manganese	7439-96-5	1600	2000	280	0.446	235	0.454	314	0.452	307	0.454	448	0.454	244	0.454
Nickel	7440-02-0	30	140	9.83	0.888	7.77	0.904	9.32	0.9	8.93	0.903	10.9	0.903	9.47	0.903
Potassium	7440-09-7	~	~	841	4.46	805	4.54	996	4.52	750	4.54	859	4.54	824	4.54
Selenium	7782-49-2	3.9	36	ND	2.23	ND	2.27	ND	2.26	ND	2.27	ND	2.27	ND	2.27
Silver	7440-22-4	2	36	ND	0.449	ND	0.458	ND	0.456	ND	0.457	ND	0.457	ND	0.457
Sodium	7440-23-5	~	~	117	44.6	119	45.4	122	45.2	ND	45.3	ND	45.3	61.2	45.3
Thallium	7440-28-0	~	~	ND	2.23	ND	2.27	ND	2.26	ND	2.27	ND	2.27	ND	2.27
Vanadium	7440-62-2	~	~	16.8	0.888	14	0.904	16.7	0.9	17	0.903	16.6	0.903	17.5	0.903
Zinc	7440-66-6	109	2200	19.6	2.22	17.2	2.26	23.2	2.25	19.6	2.26	22.7	2.26	20.6	2.26
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.0321	ND	0.0327	ND	0.0325	ND	0.0326	ND	0.0326	ND	0.0326

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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-25 12'-15' bgs 5/16/2024 Soil		EP-26 12'-15' bgs 5/16/2024 Soil		EP-27 12'-15' bgs 5/17/2024 Soil		EP-28 12'-15' bgs 5/10/2024 Soil		EP-29 12'-15' bgs 5/10/2024 Soil		EP-30 12'-15' bgs 5/14/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	6720	4.6	6620	4.55	6360	4.56	380	4.5	5170	4.5	6870	4.68
Antimony	7440-36-0	~	~	ND	2.3	ND	2.27	ND	2.28	ND	2.25	ND	2.25	ND	2.34
Arsenic	7440-38-2	13	16	1.79	1.38	1.71	1.36	ND	1.37	ND	1.35	ND	1.35	2.01	1.41
Barium	7440-39-3	350	350	43.5	2.3	40.5	2.27	40.9	2.28	ND	2.25	34.5	2.24	33.5	2.34
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.046	ND	0.046	ND	0.045	ND	0.045	ND	0.047
Cadmium	7440-43-9	2.5	2.5	ND	0.276	ND	0.273	ND	0.274	ND	0.27	ND	0.27	ND	0.281
Calcium	7440-70-2	~	~	1990	4.6	943	4.55	2490	4.57	ND	4.5	1540	4.5	750	4.68
Chromium	7440-47-3	~	~	14	0.461	13.7	0.455	14	0.457	ND	0.451	9.54	0.45	13.7	0.469
Cobalt	7440-48-4	~	~	4.28	0.368	4.53	0.363	4.43	0.365	ND	0.36	4.16	0.359	4.16	0.374
Copper	7440-50-8	50	270	12.6	1.84	12.8	1.82	11.8	1.83	ND	1.8	15.7	1.8	11	1.87
Iron	7439-89-6	~	~	10400	23	9660	22.7	9530	22.8	ND	22.5	9870	22.5	10100	23.4
Lead	7439-92-1	63	400	5.59	0.461	4.94	0.455	5.42	0.457	ND	0.451	4.02	0.45	5.15	0.469
Magnesium	7439-95-4	~	~	1880	4.61	1720	4.55	1850	4.57	ND	4.51	2260	4.5	1580	4.69
Manganese	7439-96-5	1600	2000	306	0.461	356	0.455	283	0.457	ND	0.451	239	0.45	230	0.469
Nickel	7440-02-0	30	140	9.64	0.917	10.4	0.906	9.66	0.909	ND	0.897	10.7	0.896	10.1	0.933
Potassium	7440-09-7	~	~	1120	4.61	1010	4.55	937	4.57	769	4.51	985	4.5	725	4.69
Selenium	7782-49-2	3.9	36	ND	2.3	ND	2.27	ND	2.28	ND	2.25	ND	2.25	ND	2.34
Silver	7440-22-4	2	36	ND	0.464	ND	0.458	ND	0.46	ND	0.454	ND	0.453	ND	0.472
Sodium	7440-23-5	~	~	117	46	108	45.5	90.5	45.7	4480	45	144	45	70.4	46.8
Thallium	7440-28-0	~	~	ND	2.3	ND	2.27	ND	2.28	ND	2.25	ND	2.25	ND	2.34
Vanadium	7440-62-2	~	~	22.7	0.917	17.8	0.906	16.8	0.909	ND	0.897	15.3	0.896	18.2	0.933
Zinc	7440-66-6	109	2200	25.7	2.29	20.9	2.27	20	2.27	ND	2.24	20.8	2.24	20.7	2.33
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.0331	ND	0.0327	ND	0.0329	ND	0.0324	ND	0.0324	ND	0.0337

NOTES:
ft. bgs - feet below ground surface
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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31 12'-15' bgs 5/14/2024 Soil		EP-32 12'-15' bgs 5/13/2024 Soil		EP-33 12'-15' bgs 6/7/2024 Soil		EP-34 12'-15' bgs 6/7/2024 Soil		EP-35 12'-15' bgs 5/13/2024 Soil		EP-36 12'-15' bgs 5/13/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	6460	4.55	3930	4.46	5960	4.47	5260	4.51	5310	4.56	3910	4.49
Antimony	7440-36-0	~	~	ND	2.28	ND	2.23	ND	2.24	ND	2.26	ND	2.28	ND	2.25
Arsenic	7440-38-2	13	16	2.43	1.37	1.34	1.34	2.52	1.34	2.03	1.35	1.42	1.37	1.47	1.35
Barium	7440-39-3	350	350	36	2.27	25.1	2.22	38.5	2.23	33.8	2.25	31.5	2.28	28.1	2.24
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.045	ND	0.045	ND	0.045	ND	0.046	ND	0.045
Cadmium	7440-43-9	2.5	2.5	ND	0.273	ND	0.267	ND	0.268	ND	0.271	ND	0.274	ND	0.27
Calcium	7440-70-2	~	~	993	4.55	1070	4.46	1350	4.47	1320	4.51	1000	4.56	837	4.49
Chromium	7440-47-3	~	~	13.3	0.456	9.88	0.446	12.4	0.448	10.2	0.452	11.5	0.456	8.73	0.45
Cobalt	7440-48-4	~	~	5.03	0.364	3.59	0.356	4.42	0.358	4.01	0.361	4.47	0.364	3.51	0.359
Copper	7440-50-8	50	270	12.1	1.82	16.4	1.78	14.6	1.79	13.5	1.8	17.3	1.82	13.3	1.8
Iron	7439-89-6	~	~	10400	22.8	7390	22.3	9810	22.4	9460	22.6	10300	22.8	7720	22.5
Lead	7439-92-1	63	400	4.95	0.456	2.46	0.446	12.8	0.448	4.39	0.452	4.49	0.456	2.94	0.45
Magnesium	7439-95-4	~	~	1930	4.56	1730	4.46	1980	4.48	1720	4.52	1800	4.56	1490	4.5
Manganese	7439-96-5	1600	2000	392	0.456	216	0.446	263	0.448	261	0.452	424	0.456	211	0.45
Nickel	7440-02-0	30	140	10.9	0.907	7.23	0.888	9.91	0.891	9.44	0.899	10.3	0.908	7.17	0.895
Potassium	7440-09-7	~	~	1040	4.56	806	4.46	1100	4.48	866	4.52	920	4.56	757	4.5
Selenium	7782-49-2	3.9	36	ND	2.28	ND	2.23	ND	2.24	ND	2.26	ND	2.28	ND	2.25
Silver	7440-22-4	2	36	ND	0.459	ND	0.449	ND	0.451	ND	0.455	ND	0.46	ND	0.453
Sodium	7440-23-5	~	~	111	45.5	76	44.6	136	44.7	121	45.1	79.9	45.6	102	44.9
Thallium	7440-28-0	~	~	ND	2.28	ND	2.23	ND	2.24	ND	2.26	ND	2.28	ND	2.25
Vanadium	7440-62-2	~	~	17.2	0.907	13.2	0.888	17.4	0.891	17.3	0.899	15.4	0.908	12.7	0.895
Zinc	7440-66-6	109	2200	20.2	2.27	15.6	2.22	23.4	2.23	18.2	2.25	20	2.27	15.9	2.24
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.0328	ND	0.0321	ND	0.0322	ND	0.0325	ND	0.0328	ND	0.0323

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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID / Sample Depth / Sample Date / Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-38 12'-15' bgs 6/10/2024 Soil		EP-39 12'-15' bgs 6/10/2024 Soil		EP-40 12'-15' bgs 5/14/2024 Soil		EP-41 12'-15' bgs 5/28/2024 Soil		EP-42 12'-15' bgs 6/10/2024 Soil		EP-62 12' bgs 6/7/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Metals, Target Analyte															
Aluminum	7429-90-5	~	~	4990	4.52	4290	4.52	5490	4.52	4250	4.52	5160	4.51	5820	4.54
Antimony	7440-36-0	~	~	ND	2.26	ND	2.26	ND	2.26	ND	2.26	ND	2.25	ND	2.27
Arsenic	7440-38-2	13	16	1.7	1.36	1.79	1.35	1.93	1.35	1.92	1.36	1.87	1.35	1.9	1.36
Barium	7440-39-3	350	350	36.1	2.26	31.9	2.25	33.5	2.25	27.3	2.26	34.9	2.25	37	2.27
Beryllium	7440-41-7	7.2	14	ND	0.046	ND	0.046	ND	0.046	ND	0.046	ND	0.045	ND	0.046
Cadmium	7440-43-9	2.5	2.5	ND	0.271	ND	0.271	ND	0.271	ND	0.271	ND	0.27	ND	0.273
Calcium	7440-70-2	~	~	2170	4.52	1300	4.52	1260	4.52	931	4.52	1300	4.51	2360	4.54
Chromium	7440-47-3	~	~	11.7	0.453	9.2	0.452	12.4	0.452	10.5	0.452	10.4	0.451	13.1	0.455
Cobalt	7440-48-4	~	~	3.73	0.361	3.75	0.361	4.28	0.361	3.45	0.361	4.11	0.36	4.42	0.363
Copper	7440-50-8	50	270	16.9	1.81	21.2	1.81	12.6	1.81	10.1	1.81	17.1	1.8	15	1.82
Iron	7439-89-6	~	~	9420	22.6	8090	22.6	10100	22.6	8610	22.6	9310	22.5	10400	22.7
Lead	7439-92-1	63	400	5.93	0.453	3.81	0.452	5.75	0.452	3.96	0.452	5.21	0.451	8.98	0.455
Magnesium	7439-95-4	~	~	1900	4.53	1670	4.52	1770	4.52	1470	4.52	1590	4.51	1790	4.55
Manganese	7439-96-5	1600	2000	328	0.453	275	0.452	266	0.452	209	0.452	256	0.451	278	0.455
Nickel	7440-02-0	30	140	9.74	0.901	11.3	0.9	11.2	0.9	7.51	0.9	9.02	0.898	9.48	0.905
Potassium	7440-09-7	~	~	930	4.53	802	4.52	897	4.52	731	4.52	928	4.51	899	4.55
Selenium	7782-49-2	3.9	36	ND	2.26	ND	2.26	ND	2.26	ND	2.26	ND	2.25	ND	2.27
Silver	7440-22-4	2	36	ND	0.456	ND	0.455	ND	0.455	ND	0.456	ND	0.454	ND	0.458
Sodium	7440-23-5	~	~	160	45.2	122	45.2	141	45.2	137	45.2	136	45.1	159	45.4
Thallium	7440-28-0	~	~	ND	2.26	ND	2.26	ND	2.26	ND	2.26	ND	2.25	ND	2.27
Vanadium	7440-62-2	~	~	17	0.901	13.6	0.9	18.4	0.9	13.8	0.9	15.3	0.898	18.6	0.905
Zinc	7440-66-6	109	2200	18.8	2.25	15.4	2.25	19.1	2.25	15.8	2.25	17.7	2.24	27.3	2.26
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	ND	0.0326	ND	0.0325	ND	0.0328	ND	0.0325	ND	0.0324	ND	0.0327

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Table 10
End-point Soil Sample Metals Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12' bgs 6/12/2024 Soil		EP-68 12' bgs 6/12/2024 Soil	
Compound	CAS Number			mg/kg		mg/kg	
				Result	LOD	Result	LOD
Metals, Target Analyte							
Aluminum	7429-90-5	~	~	6350	4.42	5500	4.43
Antimony	7440-36-0	~	~	ND	2.21	ND	2.22
Arsenic	7440-38-2	13	16	1.85	1.33	2.08	1.33
Barium	7440-39-3	350	350	38.9	2.21	37.7	2.21
Beryllium	7440-41-7	7.2	14	ND	0.045	ND	0.045
Cadmium	7440-43-9	2.5	2.5	ND	0.265	ND	0.266
Calcium	7440-70-2	~	~	1620	4.42	1680	4.43
Chromium	7440-47-3	~	~	14.4	0.442	12.8	0.444
Cobalt	7440-48-4	~	~	4.94	0.353	4.62	0.354
Copper	7440-50-8	50	270	14.1	1.77	16	1.77
Iron	7439-89-6	~	~	10300	22.1	9880	22.2
Lead	7439-92-1	63	400	8.79	0.442	9.19	0.444
Magnesium	7439-95-4	~	~	2570	4.42	1860	4.44
Manganese	7439-96-5	1600	2000	265	0.442	323	0.444
Nickel	7440-02-0	30	140	10.7	0.88	10	0.883
Potassium	7440-09-7	~	~	1870	4.42	907	4.44
Selenium	7782-49-2	3.9	36	ND	2.21	ND	2.22
Silver	7440-22-4	2	36	ND	0.445	ND	0.447
Sodium	7440-23-5	~	~	152	44.2	143	44.3
Thallium	7440-28-0	~	~	ND	2.21	ND	2.22
Vanadium	7440-62-2	~	~	19	0.88	18	0.883
Zinc	7440-66-6	109	2200	24.8	2.2	23.9	2.21
Mercury by 7473							
Mercury	7439-97-6	0.18	0.81	ND	0.0318	ND	0.0319

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Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-01		EP-02		EP-03		EP-04		EP-05		EP-06	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/9/2024		5/9/2024		5/9/2024		5/16/2024		5/16/2024		5/17/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1221	11104-28-2	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1232	11141-16-5	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1242	53469-21-9	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1248	12672-29-6	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1254	11097-69-1	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Aroclor 1260	11096-82-5	~	~	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178
Total PCBs	1336-36-3	0.1	1	ND	0.0181	ND	0.0181	ND	0.0181	ND	0.0178	ND	0.0179	ND	0.0178

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Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	EP-7		EP-8		EP-9		EP-10		EP-11		EP-12	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				5/10/2024		5/10/2024		5/14/2024		5/14/2024		5/13/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1221	11104-28-2	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1232	11141-16-5	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1242	53469-21-9	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1248	12672-29-6	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1254	11097-69-1	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Aroclor 1260	11096-82-5	~	~	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181
Total PCBs	1336-36-3	0.1	1	ND	0.0178	ND	0.0178	ND	0.0181	ND	0.0177	ND	0.0173	ND	0.0181

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43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-13		EP-14		EP-15		EP-16		EP-17		EP-18	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12 ft. bgs		12 ft. bgs	
Sample Date				6/7/2024		5/13/2024		5/13/2024		5/28/2024		6/12/2024		6/12/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1221	11104-28-2	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1232	11141-16-5	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1242	53469-21-9	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1248	12672-29-6	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1254	11097-69-1	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Aroclor 1260	11096-82-5	~	~	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175
Total PCBs	1336-36-3	0.1	1	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0184	ND	0.0174	ND	0.0175

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43-25 52nd Street
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Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-19		EP-20		EP-21		EP-22		EP-23		EP-24	
Sample Depth				12 ft. bgs		12 ft. bgs		12 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/28/2024		6/10/2024		5/9/2024		5/9/2024		5/9/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1221	11104-28-2	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1232	11141-16-5	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1242	53469-21-9	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1248	12672-29-6	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1254	11097-69-1	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Aroclor 1260	11096-82-5	~	~	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177
Total PCBs	1336-36-3	0.1	1	ND	0.0175	ND	0.018	ND	0.018	ND	0.0177	ND	0.0181	ND	0.0177

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
~ - this indicates that no regulatory limit has been established for this analyte

Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	EP-25		EP-26		EP-27		EP-28		EP-29		EP-30	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/16/2024		5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1221	11104-28-2	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1232	11141-16-5	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1242	53469-21-9	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1248	12672-29-6	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1254	11097-69-1	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Aroclor 1260	11096-82-5	~	~	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185
Total PCBs	1336-36-3	0.1	1	ND	0.018	ND	0.0179	ND	0.0181	ND	0.0176	ND	0.0177	ND	0.0185

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
~ - this indicates that no regulatory limit has been established for this analyte

Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs	
Sample Date				5/14/2024		5/13/2024		6/7/2024		6/7/2024		5/13/2024		5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1221	11104-28-2	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1232	11141-16-5	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1242	53469-21-9	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1248	12672-29-6	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1254	11097-69-1	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Aroclor 1260	11096-82-5	~	~	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179
Total PCBs	1336-36-3	0.1	1	ND	0.0177	ND	0.0173	ND	0.0177	ND	0.0177	ND	0.0181	ND	0.0179

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
~ - this indicates that no regulatory limit has been established for this analyte

Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives- Restricted Residential	EP-38		EP-39		EP-40		EP-41		EP-42		EP-62	
Sample Depth				12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12-15 ft. bgs		12 ft. bgs	
Sample Date				6/10/2024		6/10/2024		5/14/2024		5/28/2024		6/10/2024		6/7/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1221	11104-28-2	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1232	11141-16-5	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1242	53469-21-9	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1248	12672-29-6	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1254	11097-69-1	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Aroclor 1260	11096-82-5	~	~	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.01790
Total PCBs	1336-36-3	0.1	1	ND	0.018	ND	0.0179	ND	0.018	ND	0.0178	ND	0.0179	ND	0.0179

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
~ - this indicates that no regulatory limit has been established for this analyte

Table 11
End-point Soil Sample PCBs Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID Sample Depth Sample Date Sample Matrix		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
				mg/kg		mg/kg	
Compound	CAS Number			Result	LOD	Result	LOD
PCB, 8082 MASTER							
Aroclor 1016	12674-11-2	~	~	ND	0.0176	ND	0.0174
Aroclor 1221	11104-28-2	~	~	ND	0.0176	ND	0.0174
Aroclor 1232	11141-16-5	~	~	ND	0.0176	ND	0.0174
Aroclor 1242	53469-21-9	~	~	ND	0.0176	ND	0.0174
Aroclor 1248	12672-29-6	~	~	ND	0.0176	ND	0.0174
Aroclor 1254	11097-69-1	~	~	ND	0.0176	ND	0.0174
Aroclor 1260	11096-82-5	~	~	ND	0.0176	ND	0.0174
Total PCBs	1336-36-3	0.1	1	ND	0.0176	ND	0.0174

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
ND - the analyte was not detected
~ - this indicates that no regulatory limit has been established for this analyte

Table 12
Over-excavation End-Point Soil Sample Analytical Results Summary
43-25 52nd Street
Woodside, NY 11377
Project No.22254

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	PE-EP-40-B-4		PE-EP-40-N-4		PE-EP-40-E-2		PE-EP-40-W-4		PE-EP-40-S-4	
Sample Depth				16 ft. bgs		16 ft. bgs		14 ft. bgs		16 ft. bgs		16 ft. bgs	
Sample Date				5/23/2024		5/23/2024		5/24/2024		5/30/2024		5/30/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
VOA, 8260 MASTER													
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0082	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0021J	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Benzene	71-43-2	0.06	2.9	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Ethyl Benzene	100-41-4	1	30	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Isopropylbenzene	98-82-8	~	~	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Naphthalene	91-20-3	12	100	0.016	0.0021	ND	0.0022	ND	0.002	NT	0.0021	NT	0.0024
n-Butylbenzene	104-51-8	12	100	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
n-Propylbenzene	103-65-1	3.9	100	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
o-Xylene	95-47-6	~	~	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
p- & m- Xylenes	179601-23-1	~	~	ND	0.0041	ND	0.0043	ND	0.004	ND	0.0043	ND	0.0047
p-Isopropyltoluene	99-87-6	~	~	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
sec-Butylbenzene	135-98-8	11	100	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
tert-Butylbenzene	98-06-6	5.9	100	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Toluene	108-88-3	0.7	100	ND	0.0021	ND	0.0022	ND	0.002	ND	0.0021	ND	0.0024
Xylenes, Total	1330-20-7	0.26	100	ND	0.0062	ND	0.0065	ND	0.0061	ND	0.0064	ND	0.0071

NOTES:
ft. bgs - Feet below ground surface
LOD - Limit of Detection for Analyte
ND - indicates that the analyte was not detected
~ - indicates that no regulatory limit has been established for this analyte
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated

Table 13
Backfill Quantities and Sources
43-25 52nd Street, Woodside, NY
Project No. 22254

Date	Backfill Material	Amount (Ton)	Source
4/2/2024	ASTA #57 Stone	24.99	Tilcon-Mount Hope Quarry, Wharton, NJ
5/23/2024	ASTA #57 Stone	25.22	Tilcon-Mount Hope Quarry, Wharton, NJ
5/29/2024	ASTA #57 Stone	25.14	Tilcon-Mount Hope Quarry, Wharton, NJ
6/17/2024	ASTA #57 Stone	25.31	Tilcon-Mount Hope Quarry, Wharton, NJ
8/7/2024	ASTA #57 Stone	24.92	Tilcon-Mount Hope Quarry, Wharton, NJ
8/8/2024	ASTA #57 Stone	24.4	Tilcon-Mount Hope Quarry, Wharton, NJ

Table 14
Indoor and Outdoor Ambient Air Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID Sampling Date Sample Matrix		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	IA-Laundry-06042025-1 6/5/2025 Indoor Ambient Air		IA-Gym-06042025-1 6/5/2025 Indoor Ambient Air		IA-Unit-06042025-1 6/5/2025 Indoor Ambient Air		OA-Backyard-06042025-1 6/5/2025 Outdoor Ambient Air	
Compound	CAS Number	unit	ug/m3		ug/m3		ug/m3		ug/m3	
		ug/m3	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Volatile Organics, EPA TO15 Full List										
1,1,1,2-Tetrachloroethane	630-20-6	~	ND	0.55	ND	0.58	ND	0.62	ND	0.65
1,1,1-Trichloroethane	71-55-6	2.5	ND	0.44	ND	0.46	ND	0.49	ND	0.51
1,1,2,2-Tetrachloroethane	79-34-5	0.4	ND	0.55	ND	0.58	ND	0.62	ND	0.65
1,1,2-Trichloro-1,2,2-trifluoroethane (Frec	76-13-1	2.5	ND	0.62	ND	0.65	ND	0.69	ND	0.72
1,1,2-Trichloroethane	79-00-5	0.4	ND	0.44	ND	0.46	ND	0.49	ND	0.51
1,1-Dichloroethane	75-34-3	0.4	ND	0.33	ND	0.34	ND	0.36	ND	0.38
1,1-Dichloroethylene	75-35-4	0.4	ND	0.08	ND	0.084	ND	0.089	ND	0.093
1,2,4-Trichlorobenzene	120-82-1	0.5	ND	30	ND	31	ND	33	ND	35
1,2,4-Trimethylbenzene	95-63-6	9.8	1.1	0.4	1.7	0.42	1.1	0.44	0.97	0.46
1,2-Dibromoethane	106-93-4	0.4	ND	0.62	ND	0.65	ND	0.69	ND	0.72
1,2-Dichlorobenzene	95-50-1	0.5	ND	0.48	ND	0.51	ND	0.5	ND	0.57
1,2-Dichloroethane	107-06-2	0.4	ND	0.33	ND	0.34	**0.44**	0.36	ND	0.38
1,2-Dichloropropane	78-87-5	0.4	ND	0.37	ND	0.39	ND	0.42	ND	0.44
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	ND	0.56	ND	0.59	ND	0.63	ND	0.66
1,3,5-Trimethylbenzene	108-67-8	3.9	ND	0.4	0.46	0.42	ND	0.44	ND	0.46
1,3-Butadiene	106-99-0	~	ND	0.53	ND	0.56	ND	0.6	ND	0.63
1,3-Dichlorobenzene	541-73-1	0.5	ND	0.48	ND	0.51	ND	0.54	ND	0.57
1,3-Dichloropropane	142-28-9	~	ND	0.37	ND	0.39	ND	0.42	ND	0.44
1,4-Dichlorobenzene	106-46-7	1.2	ND	0.48	ND	0.51	ND	0.54	ND	0.57
1,4-Dioxane	123-91-1	~	ND	0.58	ND	0.61	ND	0.65	ND	0.68
2,2,4-Trimethylpentane	540-84-1	~	1.1	0.19	1.1	0.2	1.2	0.21	1.8	0.22
2-Butanone	78-93-3	~	3.5	0.24	3.1	0.25	5.7	0.27	2.4	0.28
2-Hexanone	591-78-6	~	2.4	0.66	0.76	0.69	0.81	0.74	ND	0.77
3-Chloropropene	107-05-1	~	ND	1.3	ND	1.3	ND	1.4	ND	1.5
4-Methyl-2-pentanone	108-10-1	~	0.59	0.33	6.3	0.35	ND	0.37	0.39	0.39
Acetone	67-64-1	115	110	2.9	150	6	220	6.4	91	1.8
Acrylonitrile	107-13-1	~	ND	2.3	ND	2.4	ND	2.5	ND	2.7
Benzene	71-43-2	13	2.8	0.26	1.9	0.27	2.6	0.29	1.8	0.3
Benzyl chloride	100-44-7	~	ND	4.2	ND	4.4	ND	4	ND	4.9
Bromodichloromethane	75-27-4	~	ND	0.54	ND	0.57	ND	0.6	ND	0.63
Bromoform	75-25-2	~	ND	0.83	ND	0.87	ND	0.93	ND	0.97
Bromomethane	74-83-9	0.5	ND	0.31	ND	0.33	ND	0.35	ND	0.37
Carbon disulfide	75-15-0	~	ND	0.25	6.1	0.26	ND	0.28	0.29	0.29
Carbon tetrachloride	56-23-5	1.3	0.51	0.13	0.53	0.13	0.51	0.14	0.53	0.15

NOTES:

LOD=limit of detection for this analyte

ND=the analyte was not detected

D=result is from an analysis that required a dilution

~=this indicates that no regulatory limit has been established for this analyte

result exceeding the criteria

Table 14
Indoor and Outdoor Ambient Air Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID Sampling Date Sample Matrix		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	IA-Laundry-06042025-1 6/5/2025 Indoor Ambient Air		IA-Gym-06042025-1 6/5/2025 Indoor Ambient Air		IA-Unit-06042025-1 6/5/2025 Indoor Ambient Air		OA-Backyard-06042025-1 6/5/2025 Outdoor Ambient Air	
Compound	CAS Number	unit	ug/m3		ug/m3		ug/m3		ug/m3	
		ug/m3	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Chloroethane	75-00-3	0.4	ND	0.21	ND	0.22	ND	0.24	ND	0.25
Chloroform	67-66-3	1.2	ND	0.39	ND	0.41	ND	0.44	ND	0.46
Chloromethane	74-87-3	4.2	1.7	0.17	3.5	0.17	1.9	0.19	2	0.19
cis-1,2-Dichloroethylene	156-59-2	0.4	ND	0.08	ND	0.084	ND	0.089	ND	0.093
cis-1,3-Dichloropropylene	10061-01-5	0.4	ND	0.36	ND	0.38	ND	0.41	ND	0.43
Cyclohexane	110-82-7	6.3	0.33	0.28	1.4	0.29	0.37	0.31	ND	0.32
Dibromochloromethane	124-48-1	~	ND	0.68	ND	0.72	ND	0.77	ND	0.8
Dichlorodifluoromethane	75-71-8	10	2.5	0.4	2.4	0.42	2.5	0.44	2.5	0.47
Ethyl acetate	141-78-6	~	13	0.58	7.8	0.61	3.3	0.65	5.9	0.68
Ethyl Benzene	100-41-4	6.4	2.3	0.35	2.3	0.37	1.9	0.39	0.66	0.41
Hexachlorobutadiene	87-68-3	0.5	ND	0.86	ND	0.9	ND	0.96	ND	1
Isopropanol	67-63-0	~	7.2	1.2	7.4	1.2	6.4	1.3	6.2	1.4
Isopropylbenzene	98-82-8	0.8	NA	NA	NA	NA	NA	NA	NA	NA
Methyl Methacrylate	80-62-6	0.4	**5.5**	0.33	**8.5**	0.35	**9.8**	0.37	**0.5**	0.39
Methyl tert-butyl ether (MTBE)	1634-04-4	14	ND	0.29	ND	0.31	ND	0.32	ND	0.34
Methylene chloride	75-09-2	16	1.9	1.7	1.8	1.8	1.9J	1.9	2J	2
Naphthalene	91-20-3	~	ND	4.2	4.4J	4.4	ND	4.7	ND	4.9
n-Heptane	142-82-5	18	0.92	0.33	8.2	0.35	0.85	0.37	1.1	0.39
n-Hexane	110-54-3	14	0.91	0.28	1.3	0.3	0.89	0.32	0.76	0.33
o-Xylene	95-47-6	7.1	2.9	0.35	3	0.37	2.1	0.39	0.9	0.41
p- & m- Xylenes	179601-23-1	11	9.3	0.7	9.3	0.73	6.7	0.78	2.5	0.82
p-Ethyltoluene	622-96-8	~	0.87	0.4	1.2	0.42	0.88	0.44	0.7	0.46
Propylene	115-07-1	~	1.2	0.14	1.2	0.15	1.2	0.15	ND	0.16
Styrene	100-42-5	1.4	0.72	0.34	1.1	0.36	**2.1**	0.38	0.48	0.40
Tetrachloroethylene	127-18-4	2.5	1.2	0.55	0.98	0.57	1.1	0.61	1.4	0.64
Tetrahydrofuran	109-99-9	0.8	0.62	0.7	**2.9**	0.5	**0.8**	0.53	ND	0.56
Toluene	108-88-3	57	38	0.3	43	0.32	**100**	0.34	3.7	0.36
trans-1,2-Dichloroethylene	156-60-5	~	ND	0.32	ND	0.34	ND	0.36	ND	0.37
trans-1,3-Dichloropropylene	10061-02-6	NC	ND	0.36	ND	0.38	ND	0.41	ND	0.43
Trichloroethylene	79-01-6	0.5	ND	0.11	ND	0.11	ND	0.12	ND	0.13
Trichlorofluoromethane (Freon 11)	75-69-4	12	1.4	0.45	1.3	0.48	1.4	0.51	1.7	0.53
Vinyl acetate	108-05-4	~	ND	0.28	ND	0.3	ND	0.32	ND	0.33
Vinyl Chloride	75-01-4	0.4	ND	0.1	ND	0.11	ND	0.11	ND	0.12
Xylenes, Total	1330-20-7	18.1	12	1	12	1.1	8.8	1.2	3.4	1.2

NOTES:
LOD=limit of detection for this analyte
D=result is from an analysis that required a dilution
result exceeding the criteria
ND=the analyte was not detected
~=this indicates that no regulatory limit has been established for this analyte

Table 14
Indoor and Outdoor Ambient Air Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID Sampling Date Sample Matrix		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	OA-Backyard-11032025-1 11/3/2025 Outdoor Ambient Air		IA-Gym-11032025-1 11/3/2025 Indoor Ambient Air		IA-Meter-11032025-1 11/3/2025 Indoor Ambient Air		IA-AptStorage-11032025-1 11/3/2025 Indoor Ambient Air	
Compound	CAS Number	unit	ug/m3		ug/m3		ug/m3		ug/m3	
		ug/m3	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Volatile Organics, EPA TO15 Full List										
1,1,1,2-Tetrachloroethane	630-20-6	~	ND	0.67	ND	0.7	ND	0.74	ND	0.53
1,1,1-Trichloroethane	71-55-6	2.5	ND	0.53	ND	0.56	ND	0.59	ND	0.42
1,1,2,2-Tetrachloroethane	79-34-5	0.4	ND	0.67	ND	0.7	ND	0.74	ND	0.53
1,1,2-Trichloro-1,2,2-trifluoroethane (Freo	76-13-1	2.5	ND	0.75	ND	0.78	ND	0.83	ND	0.59
1,1,2-Trichloroethane	79-00-5	0.4	ND	0.53	ND	0.56	ND	0.59	ND	0.42
1,1-Dichloroethane	75-34-3	0.4	ND	0.4	ND	0.41	ND	0.44	ND	0.31
1,1-Dichloroethylene	75-35-4	0.4	ND	0.19	ND	0.2	ND	0.21	ND	0.15
1,2,4-Trichlorobenzene	120-82-1	0.5	ND	36	ND	38	ND	40	ND	29
1,2,4-Trimethylbenzene	95-63-6	9.8	ND	0.48	0.55	0.5	1.1	0.53	0.38	0.38
1,2-Dibromoethane	106-93-4	0.4	ND	0.75	ND	0.79	ND	0.83	ND	0.59
1,2-Dichlorobenzene	95-50-1	0.5	ND	0.59	ND	0.62	ND	0.65	ND	0.46
1,2-Dichloroethane	107-06-2	0.4	ND	0.39	ND	0.41	ND	0.44	ND	0.31
1,2-Dichloropropane	78-87-5	0.4	ND	0.45	ND	0.47	ND	0.5	ND	0.36
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	ND	0.68	ND	0.72	ND	0.75	ND	0.54
1,3,5-Trimethylbenzene	108-67-8	3.9	ND	0.48	ND	0.5	ND	0.53	ND	0.38
1,3-Butadiene	106-99-0	~	ND	0.65	ND	0.68	ND	0.72	ND	0.51
1,3-Dichlorobenzene	541-73-1	0.5	ND	0.59	ND	0.62	ND	0.65	ND	0.46
1,3-Dichloropropane	142-28-9	~	ND	0.45	ND	0.47	ND	0.5	ND	0.36
1,4-Dichlorobenzene	106-46-7	1.2	ND	0.59	ND	0.62	ND	0.65	ND	0.46
1,4-Dioxane	123-91-1	~	ND	1.8	ND	1.8	ND	1.9	ND	1.4
2,2,4-Trimethylpentane	540-84-1	~	0.55	0.23	ND	0.24	ND	0.25	0.54	0.18
2-Butanone	78-93-3	~	ND	14	ND	15	ND	16	ND	11
2-Hexanone	591-78-6	~	ND	0.8	ND	0.84	ND	0.88	ND	0.63
3-Chloropropene	107-05-1	~	ND	1.5	ND	1.6	ND	1.7	ND	1.2
4-Methyl-2-pentanone	108-10-1	~	ND	0.4	1.1	0.2	ND	0.44	0.32	0.32
Acetone	67-64-1	115	ND	12	31	12	ND	13	19	9.2
Acrylonitrile	107-13-1	~	ND	11	ND	11	ND	12	ND	8.4
Benzene	71-43-2	13	0.44	0.31	ND	0.33	0.69	0.34	0.79	0.25
Benzyl chloride	100-44-7	~	ND	13	ND	13	ND	14	ND	10
Bromodichloromethane	75-27-4	~	ND	0.65	ND	0.69	ND	0.72	ND	0.52
Bromoform	75-25-2	~	ND	1	ND	1.1	ND	1.1	ND	0.8
Bromomethane	74-83-9	0.5	ND	0.38	ND	0.4	ND	0.42	ND	0.3
Carbon disulfide	75-15-0	~	ND	0.3	0.67	0.32	ND	0.34	ND	0.24
Carbon tetrachloride	56-23-5	1.3	ND	0.15	ND	0.16	ND	0.17	ND	0.12

NOTES:

LOD=limit of detection for this analyte

ND=the analyte was not detected

D=result is from an analysis that required a dilution

~=this indicates that no regulatory limit has been established for this analyte

result exceeding the criteria

Table 14
Indoor and Outdoor Ambient Air Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID Sampling Date Sample Matrix		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	OA-Backyard-11032025-1 11/3/2025 Outdoor Ambient Air		IA-Gym-11032025-1 11/3/2025 Indoor Ambient Air		IA-Meter-11032025-1 11/3/2025 Indoor Ambient Air		IA-AptStorage-11032025-1 11/3/2025 Indoor Ambient Air	
Compound	CAS Number	unit	ug/m3		ug/m3		ug/m3		ug/m3	
		ug/m3	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Chloroethane	75-00-3	0.4	ND	0.26	ND	0.27	ND	0.28	ND	0.2
Chloroform	67-66-3	1.2	ND	0.48	ND	0.5	ND	0.53	ND	0.38
Chloromethane	74-87-3	4.2	1.1	0.2	1.1	0.21	1.2	0.22	1.3	0.16
cis-1,2-Dichloroethylene	156-59-2	0.4	ND	0.19	ND	0.2	ND	0.21	ND	0.15
cis-1,3-Dichloropropylene	10061-01-5	0.4	ND	0.44	ND	0.46	ND	0.49	ND	0.35
Cyclohexane	110-82-7	6.3	ND	0.34	0.39	0.35	ND	0.37	ND	0.27
Dibromochloromethane	124-48-1	~	ND	0.83	ND	0.87	ND	0.92	ND	0.66
Dichlorodifluoromethane	75-71-8	10	1.9	0.48	1.8	0.51	2	0.53	2.1	0.38
Ethyl acetate	141-78-6	~	ND	18	ND	18	ND	19	ND	14
Ethyl Benzene	100-41-4	6.4	ND	0.42	0.53	0.44	0.56	0.47	0.4	0.33
Hexachlorobutadiene	87-68-3	0.5	ND	1	ND	1.1	ND	1.1	ND	0.82
Isopropanol	67-63-0	~	2.2	1.4	4.8	1.5	4.1	1.6	3.7	1.1
Isopropylbenzene	98-82-8	0.8	ND	0.48	ND	0.5	**0.95**	0.53	ND	0.38
Methyl Methacrylate	80-62-6	0.4	ND	0.4	**1.1**	0.42	ND	0.44	ND	0.32
Methyl tert-butyl ether (MTBE)	1634-04-4	14	ND	0.35	ND	0.37	ND	0.39	ND	0.28
Methylene chloride	75-09-2	16	ND	2	ND	2.1	ND	2.2	ND	1.6
Naphthalene	91-20-3	~	ND	5.1	ND	5.4	ND	5.7	ND	4
n-Heptane	142-82-5	18	ND	0.4	2.2	0.42	ND	0.44	ND	0.32
n-Hexane	110-54-3	14	ND	0.34	0.69	0.36	0.42	0.38	0.38	0.27
o-Xylene	95-47-6	7.1	ND	0.42	0.8	0.44	0.7	0.47	0.44	0.33
p- & m- Xylenes	179601-23-1	11	ND	0.85	2	0.89	1.8	0.94	1.3	0.67
p-Ethyltoluene	622-96-8	~	ND	0.48	ND	0.5	ND	0.7	ND	0.38
Propylene	115-07-1	~	ND	0.17	ND	0.18	ND	0.19	ND	0.13
Styrene	100-42-5	1.4	ND	0.42	ND	0.44	**1.4**	0.46	ND	0.33
Tetrachloroethylene	127-18-4	2.5	ND	0.66	ND	0.69	ND	0.73	ND	0.52
Tetrahydrofuran	109-99-9	0.8	ND	0.58	ND	0.6	ND	0.64	ND	0.45
Toluene	108-88-3	57	1.3	0.37	1.7	0.39	1.9	0.41	1.5	0.29
trans-1,2-Dichloroethylene	156-60-5	~	ND	0.39	ND	0.41	ND	0.43	ND	0.31
trans-1,3-Dichloropropylene	10061-02-6	NC	ND	0.44	ND	0.46	ND	0.49	ND	0.35
Trichloroethylene	79-01-6	0.5	ND	0.13	ND	0.14	ND	0.14	ND	0.1
Trichlorofluoromethane (Freon 11)	75-69-4	12	0.99	0.55	0.92	0.57	1	0.61	1	0.43
Vinyl acetate	108-05-4	~	ND	0.34	ND	0.36	ND	0.38	ND	0.27
Vinyl Chloride	75-01-4	0.4	ND	0.12	ND	0.13	ND	0.14	ND	0.099
Xylenes, Total	1330-20-7	18.1	ND	1.3	2.8	1.3	2.5	1.4	1.7	1

NOTES:
LOD=limit of detection for this analyte
D=result is from an analysis that required a dilution
result exceeding the criteria
ND=the analyte was not detected
~=this indicates that no regulatory limit has been established for this analyte

Table 15
SVE Influent and Effluent Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID		IF-1-05202025		EF-1-05202025	
Sampling Date		5/20/2025		5/20/2025	
Sample Matrix		Influent		Effluent	
Compound	CAS Number	ug/m3		ug/m3	
		Result	LOD	Result	LOD
Q_A_Volatile Organics, EPA TO15 Full List					
1,1,1,2-Tetrachloroethane	630-20-6	ND	1.6	ND	3
1,1,1-Trichloroethane	71-55-6	ND	1.3	ND	2.4
1,1,2,2-Tetrachloroethane	79-34-5	ND	1.6	ND	3
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	ND	1.8	ND	3.3
1,1,2-Trichloroethane	79-00-5	ND	1.3	ND	2.4
1,1-Dichloroethane	75-34-3	ND	0.97	ND	1.7
1,1-Dichloroethylene	75-35-4	ND	0.24	ND	0.43
1,2,4-Trichlorobenzene	120-82-1	ND	1.8	ND	3.2
1,2,4-Trimethylbenzene	95-63-6	2.4	1.2	6.2	2.1
1,2-Dibromoethane	106-93-4	ND	1.8	ND	3.3
1,2-Dichlorobenzene	95-50-1	ND	1.4	ND	2.6
1,2-Dichloroethane	107-06-2	ND	0.97	ND	1.7
1,2-Dichloropropane	78-87-5	ND	1.1	ND	2
1,2-Dichlorotetrafluoroethane	76-14-2	ND	1.7	ND	3
1,3,5-Trimethylbenzene	108-67-8	1.4	1.2	ND	2.1
1,3-Butadiene	106-99-0	ND	1.6	ND	2.9
1,3-Dichlorobenzene	541-73-1	ND	1.4	ND	2.6
1,3-Dichloropropane	142-28-9	ND	1.1	ND	2
1,4-Dichlorobenzene	106-46-7	ND	1.4	ND	2.6
1,4-Dioxane	123-91-1	ND	1.7	ND	3.1
2,2,4-Trimethylpentane	540-84-1	0.56J	0.56	2	1
2-Butanone	78-93-3	16	0.71	300	1.3
2-Hexanone	591-78-6	ND	2	ND	3.5
3-Chloropropene	107-05-1	ND	3.7	ND	6.8
4-Methyl-2-pentanone	108-10-1	12	98	7.4	1.8
Acetone	67-64-1	82	4.6	210	8.2
Acrylonitrile	107-13-1	ND	6.8	ND	12
Benzene	71-43-2	ND	0.77	30	1.4
Benzyl chloride	100-44-7	ND	1.2	ND	2.2
Bromodichloromethane	75-27-4	ND	1.6	ND	2.9
Bromoform	75-25-2	ND	2.5	ND	4.5
Bromomethane	74-83-9	ND	0.93	ND	1.7
Carbon disulfide	75-15-0	5.1	0.75	ND	1.3
Carbon tetrachloride	56-23-5	0.45	0.38	ND	0.68
Chlorobenzene	108-90-7	ND	1.1	ND	2
Chloroethane	75-00-3	ND	0.63	ND	1.1
Chloroform	67-66-3	5.7	1.2	ND	2.1
Chloromethane	74-87-3	1.1	0.49	1.6	0.89
cis-1,2-Dichloroethylene	156-59-2	21	0.24	ND	0.43
cis-1,3-Dichloropropylene	10061-01-5	ND	1.1	ND	2
Cyclohexane	110-82-7	ND	0.82	ND	1.5
Dibromochloromethane	124-48-1	ND	2	ND	3.7
Dichlorodifluoromethane	75-71-8	2.4	1.2	ND	2.1
Ethyl acetate	141-78-6	4	1.7	5.6	3.1
Ethyl Benzene	100-41-4	ND	1	2.3	1.9
Hexachlorobutadiene	87-68-3	ND	2.6	ND	4.6
Isopropanol	67-63-0	3.5	3.5	6.4J	6.4
Methyl Methacrylate	80-62-6	2	0.98	ND	1.8
Methyl tert-butyl ether (MTBE)	1634-04-4	ND	0.86	ND	1.6
Methylene chloride	75-09-2	ND	5	ND	9
Naphthalene	91-20-3	ND	2.5	ND	4.5

Table 15
SVE Influent and Effluent Results Summary
43-25 43-27 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID		IF-1-05202025		EF-1-05202025	
Sampling Date		5/20/2025		5/20/2025	
Sample Matrix		Influent		Effluent	
Compound	CAS Number	ug/m3		ug/m3	
		Result	LOD	Result	LOD
n-Heptane	142-82-5	ND	0.98	1.8	1.8
n-Hexane	110-54-3	1	0.84	1.8	1.5
o-Xylene	95-47-6	1	1	3.8	1.9
p- & m- Xylenes	179601-23-1	2.4	2.1	8.1	3.8
p-Ethyltoluene	622-96-8	1.5	1.2	3.4	2.1
Propylene	115-07-1	ND	0.41	20	0.74
Styrene	100-42-5	ND	1	ND	1.8
Tetrachloroethylene	127-18-4	200	**2**	ND	2.9
Tetrahydrofuran	109-99-9	15	1.4	150	150
Toluene	108-88-3	15	0.9	40	40
trans-1,2-Dichloroethylene	156-60-5	ND	0.95	ND	1.7
trans-1,3-Dichloropropylene	10061-02-6	ND	1.1	ND	2
Trichloroethylene	79-01-6	6	**0**	ND	0.58
Trichlorofluoromethane (Freon 11)	75-69-4	1.3	1.3	ND	2.4
Vinyl acetate	108-05-4	ND	0.84	ND	1.5
Vinyl bromide	593-60-2	ND	1	ND	1.9
Vinyl Chloride	75-01-4	ND	0.31	ND	0.55
Xylenes, Total	1330-20-7	3.4	3.1	12	12

NOTES:
LOD=limit of detection for analyte
D=result is from an analysis that required a dilution
ND=analyte not detected
J=analyte detected at or above the MDL (method detection limit) but below the RL (Reporting Limit) - data is estimated
~=this indicates that no regulatory limit has been established for this analyte

Table 16
Off-site Waste Disposal Summary
43-25 52nd Street, Woodside, NY
Project No. 22254

Disposal Material	Quantity (Ton)	Destination Facility
NON-HAZARDOUS MATERIAL	817.88	Middlesex County Landfill, East Brunswick, NJ
N.J.A.C 7:26D Residential Soil	573.52	XRDS, Wayne, NJ

Table 17
Remaining Soil Contamination Exceedance Table
43-52nd Street, Queens, New York
Project No. 22254

Sample ID Sampling Date Sample Matrix Compound	CAS Number	NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives-Restricted Residential	B-2 (60ft-62ft) 7/27/2023 Soil mg/Kg	
				Result	LOD
Metals, Target Analyte					
Arsenic	7440-38-2	13	16	**13.6**	1.49
Chromium, Hexavalent					
Chromium, Hexavalent	18540-29-9	1	22	**2.38**	0.594

NOTES:
= Indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objectve criteria

Table 18a
Remaining Groundwater Contamination Exceedance Table
43-52nd Street, Queens, New York
Project No. 22254

Sample ID Sampling Date Sample Matrix Compound	CAS Number	NYSDEC TOGS Standards and Guidance Values - GA	TW-1 8/9/2023 Ground Water ug/L		TW-2 8/8/2023 Ground Water ug/L		TW-3 8/10/2023 Ground Water ug/L	
			Result	LOD	Result	LOD	Result	LOD
VOC, 8260 LOW MASTER								
Chloroform	67-66-3	7	**36.8**	0.243	ND	0.243	**20.7**	0.243
SVOC, 8270 SIM MASTER								
Benzo(a)anthracene	56-55-3	0.002	NT		ND	0.069	**0.0645**	0.0645
Chrysene	218-01-9	0.002	NT		ND	0.069	**0.0645**	0.0645
Metals, Target Analyte, ICP								
Chromium	7440-47-3	50	NT		6.68	5.56	**144**	5.56
Lead	7439-92-1	25	NT		ND	5.56	**62.6**	5.56
Manganese	7439-96-5	300	NT		**1,470**	5.56	**3,130**	5.56
Nickel	7440-02-0	100	NT		ND	11.1	**146**	11.1
Sodium	7440-23-5	20,000	NT		16,700	556	**31,100**	556
Metals, Target Analyte, ICPMS								
Selenium	7782-49-2	10	NT		3.74	1.11	**26.5B**	1.11
Metals, Target Analyte, ICP Dissolved								
Manganese	7439-96-5	300	NT		**1,430**	5.56	**2,340**	5.56

NOTES:
ND = Not Detected
NT = Indicates the analyte was not a target for this sample
B = Analyte found in the analysis batch blank
= Indicates that the analyte exceedsd the NYSDEC TOGS Standards and Guidance Values - GA criteria

Table 18b
Remaining Groundwater Contamination PFAs Exceedance Table
43-52nd Street, Queens, New York
Project No. 22254

Sample ID Sampling Date Sample Matrix		NYSDEC TOGS Standards and Guidance Values - GA	TW-1 8/9/2023 Ground Water ug/L		TW-2 8/8/2023 Ground Water ug/L		TW-3 8/10/2023 Ground Water ug/L	
Compound	**CAS Number**		**Result**	**LOD**	**Result**	**LOD**	**Result**	**LOD**
PFAS, EPA 1633 Target List								
Perfluorooctanoic acid (PFOA)	335-67-1	0.0067	ND	0.00042	**0.0579**	0.000398	ND	0.00042
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.0027	**0.0038**	0.000778	**0.00302**	0.000778	ND	0.000778

NOTES:

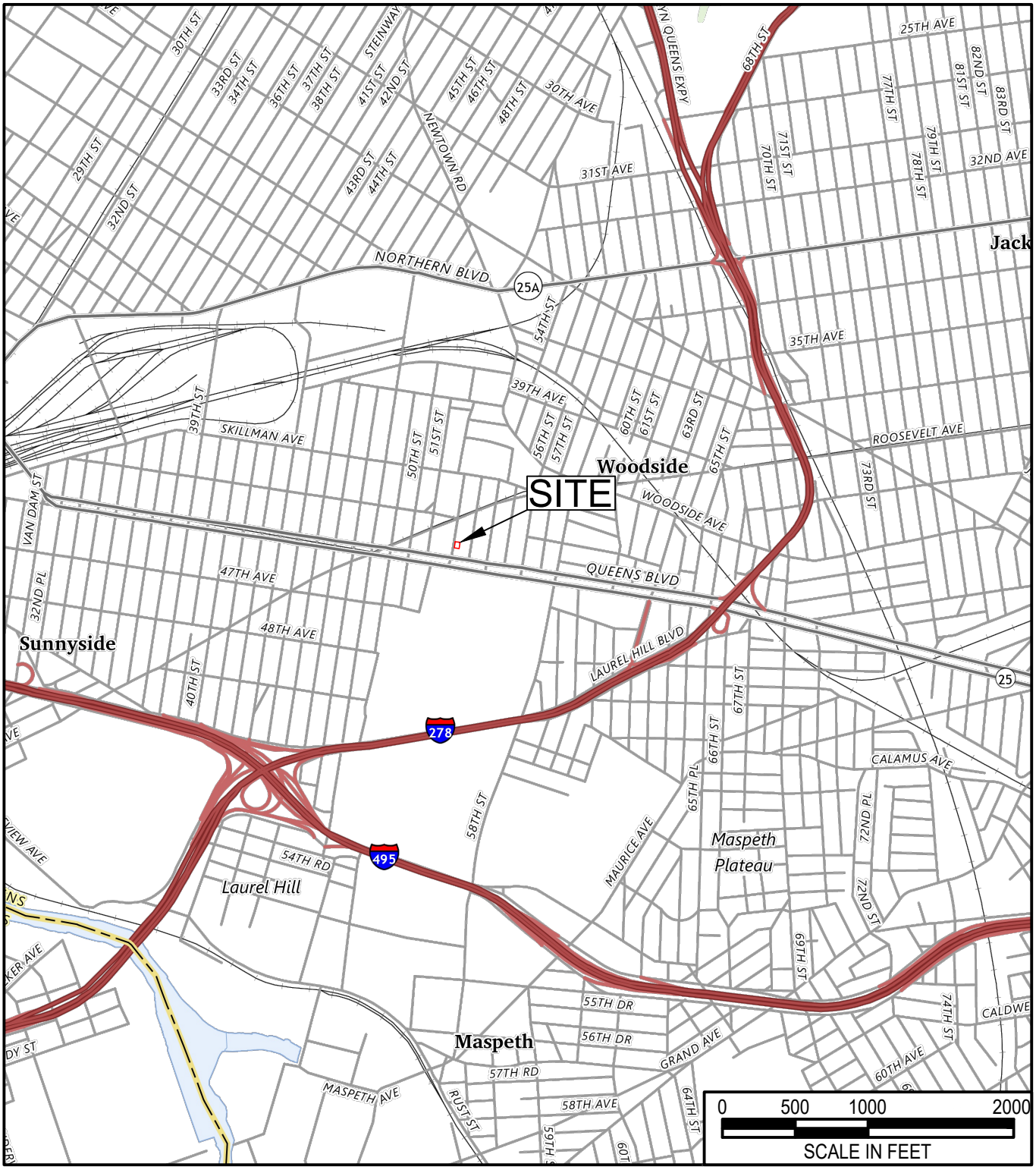
LOD = Limits of Detection

ND = Not Detected

= Indicates that the analyte exceeded the NYSDEC TOGS Standards and Guidance Values -GA criteria

Table 19 - SiteWise™ Estimated Energy Use Air Emissions for Remedial Action
43-25 52nd Street, Woodside, NY
Project No. 22254

Footprint Metrics	Track 2 Restricted Residential Remedy
Greenhouse Gas (GHG) Emissions (metric tons CO_2e)	48.98
Total Energy Used (MMBtu)	228
Total NOx Emissions (metric tons)	0.012
Total SOx Emissions (metric tons)	0.0065
Total PM10 Emissions (metric tons)	0.0059



Map Reference: USGS 7.5 Minute Series, 2024.

YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering

611 River Drive - 3rd Floor
Elmwood Park, NJ 07407

Tel: (201) 791-0075
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SITE LOCATION MAP
BCP Site ID# C241269
43-25 52nd STREET
WOODSIDE

QUEENS NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 07/17/2025	FIG. 1

P:\22\22254 (43-52nd Street)\BCP Application\Attachments\Attachment A - Section I Property Information\Figures\CAD Drawing\ 43 Drawing1.dwg Jul 16, 2025 - 5:11pm uvinod

Base Map Source: Google Earth Pro 2025

0 30 60 120

SCALE IN FEET

LEGEND:

Site Boundary

Environmental Easement Area

YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering

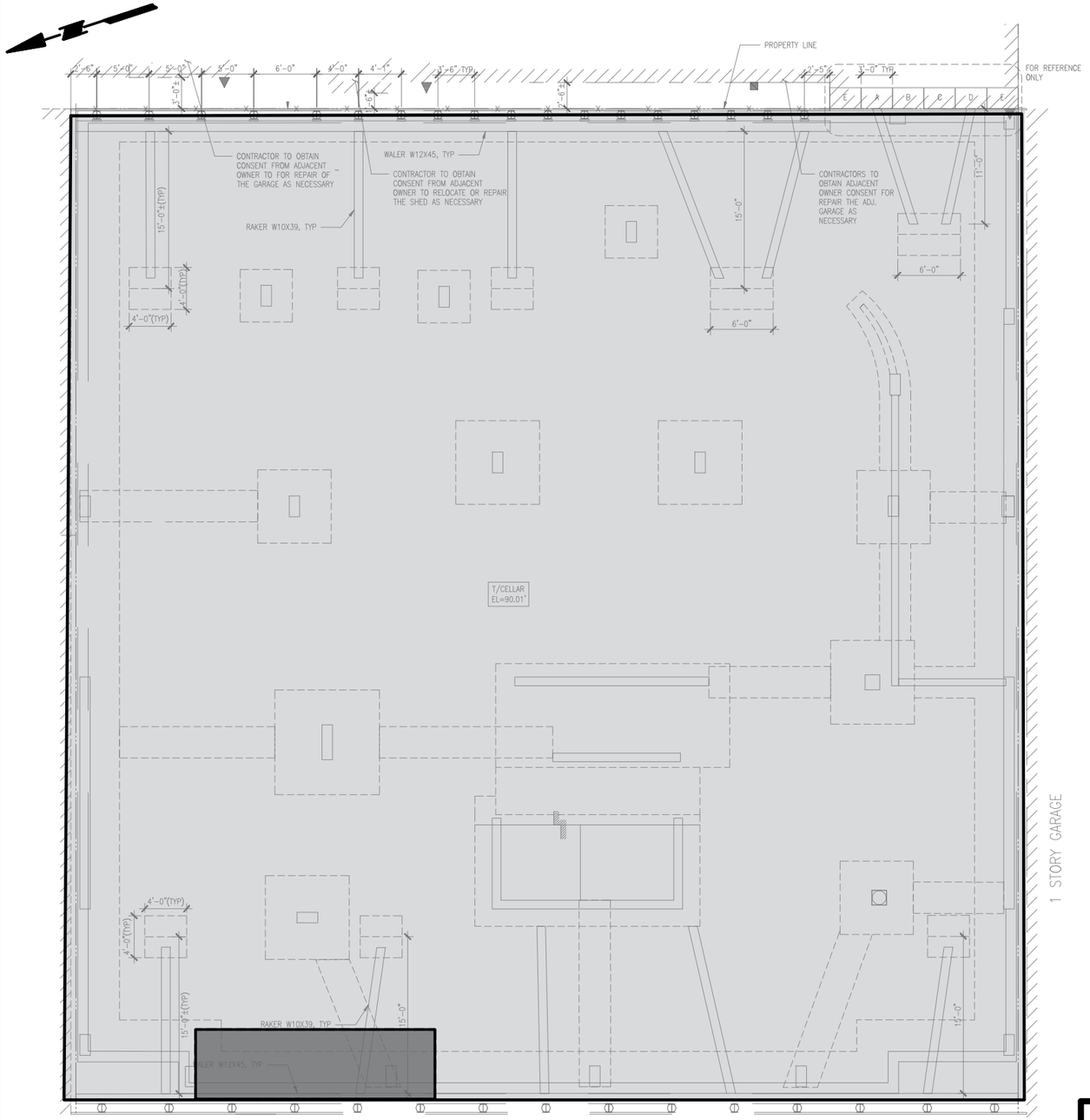
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407

Tel: (201) 791-0075
Fax: (201) 791-4533

SITE PLAN
BCP Site ID# C241269
43-25 52nd STREET
WOODSIDE
QUEENS NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/06/2025	FIG. 2

P:\22\22254 (43-52nd Street)\Final Engineering Report\DWG\ Fig 4 - Sample Location Map.dwg Nov 11, 2025 - 1:26pm mrenker



0 8 16 32

SCALE IN FEET

LEGEND:

SITE WIDE EXCAVATION DEPTH - 3 FT BGS, BGS = BELOW GROUND SURFACE

OVER-EXCAVATION DEPTH - 14-16 FT BGS

NOTES:

1. THE BASE MAP IS FROM SHORING PLAN NO. SOE - 101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.
2. OVER-EXCAVATION WAS PERFORMED IN THE VICINITY OF END-POINT SAMPLE EP-40 TO ACHIEVE TRACK 2 SCOS. OVER-EXCAVATION AREA HAS VARYING EXCAVATION DEPTHS. OVER-EXCAVATION WAS GUIDED BY PHOTO-IONIZATION DETECTOR MEASUREMENTS. WESTERN PORTION OF THE OVER-EXCAVATION AREA IS UP TO 16-FEET BELOW GROUND SURFACE. EASTERN PORTION OF THE OVER-EXCAVATION AREA IS UP TO 14-FEET BELOW GROUND SURFACE.

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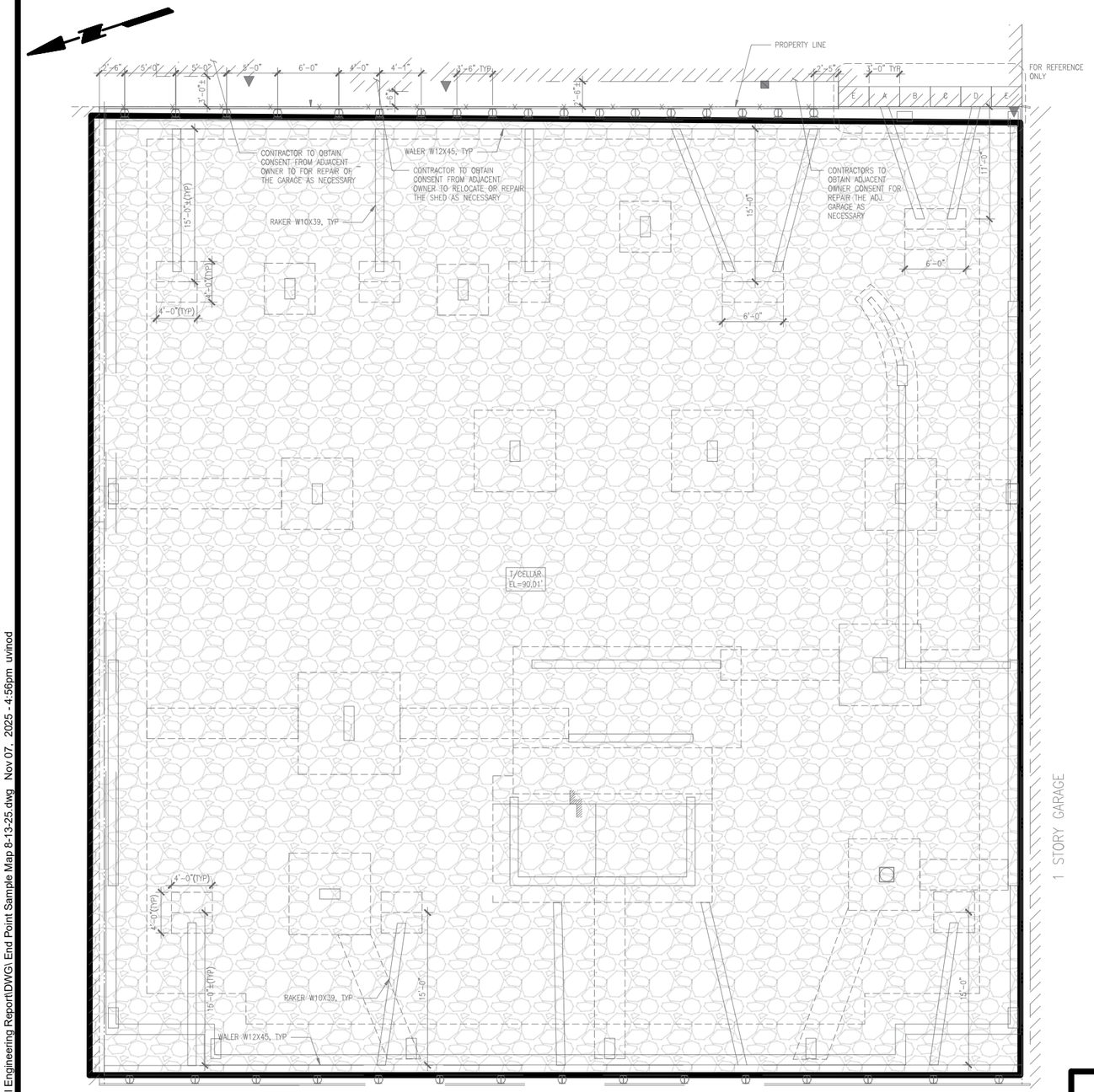
SITE EXCAVATION MAP
43-25 52ND STREET
QUEENS

NEW YORK NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/07/2025	FIG. 3

P:\22\22254 (43-52nd Street)\Final Engineering Report\DWG\ End Point Sample Map 8-13-25.dwg Nov 07, 2025 - 6:56pm uvinod



LEGEND:

SITE BOUNDARY

12-INCHES OF ASTM #57 STONE

NOTES:

1. THE BASE MAP IS FROM THE SHORING PLAN NO. SOE-101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.

2. MATERIALS USED FOR BACKFILL ON SITE WAS APPROVED BY THE NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) PROJECT MANAGER PRIOR TO DELIVERY ON SITE.

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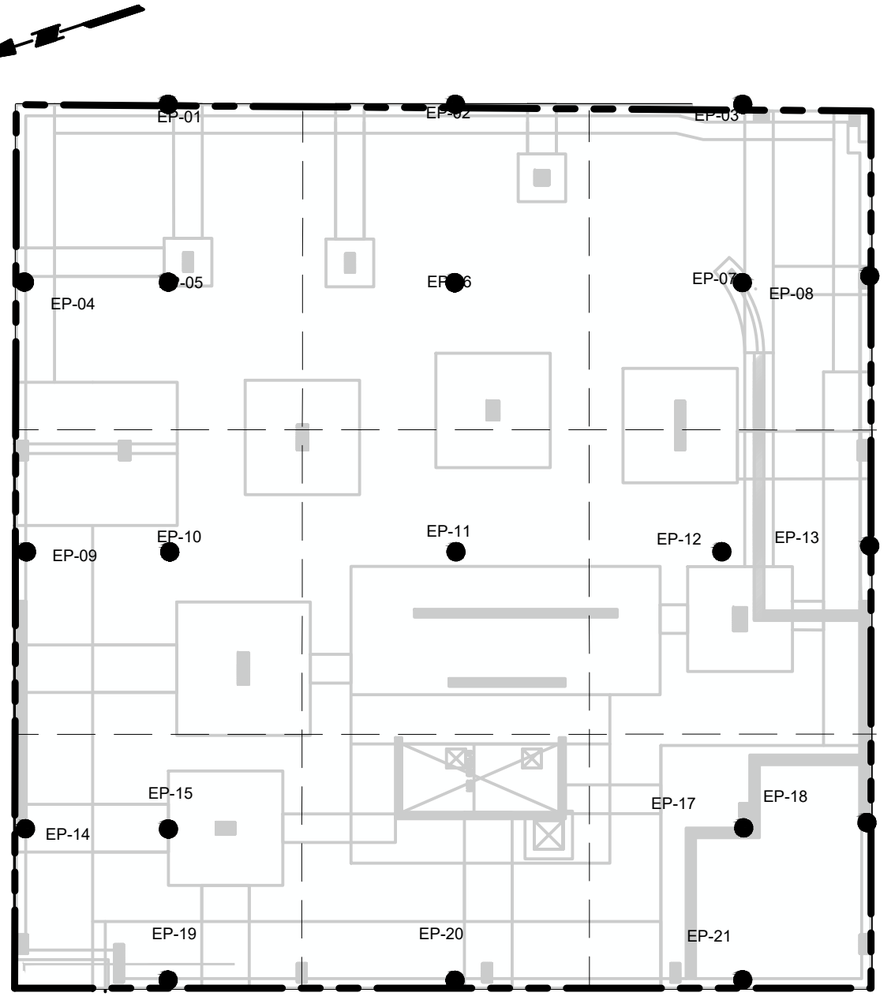
CUT AND FILL GRAVEL THICKNESS MAP
43-25 52ND STREET
QUEENS

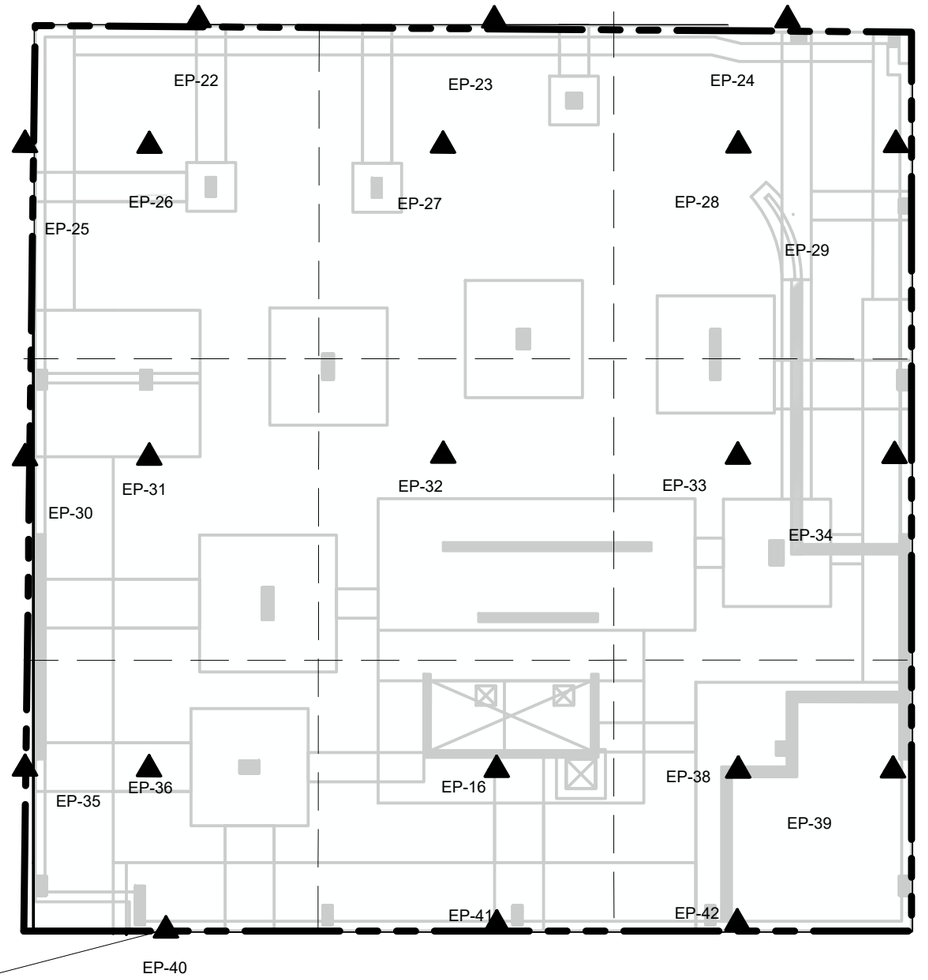
NEW YORK NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/07/2025	FIG. 4

P:\22\22254 (43-52nd Street)\Final Engineering Report\DWG\ End Point Sample Map 8-13-25.dwg Nov 07, 2025 - 4:56pm uvinod



12 FEET BGS



12-15 FEET BGS

0 8 16 32

SCALE IN FEET

Sample ID	Depth (ft bgs)	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
EP-40	12 - 15	VOCs	1,2,4-Trimethylbenzene	**86**	3.6	47
			1,3,5-Trimethylbenzene	**23**	8.4	47
			cis-1,2-Dichloroethylene	**0.91**	0.25	59
			Ethyl Benzene	**4.4**	1	30
			Naphthalene	**17.2**	12	100
			n-Propylbenzene	**9.9**	3.9	100
			Xylenes, Total	**3.2**	0.26	100

LEGEND:

- SITE BOUNDARY
- END POINT SAMPLE LOCATION AND DESIGNATION NUMBER- 12 FT BGS
- END POINT SAMPLE LOCATION AND DESIGNATION NUMBER- 12-15 FT BGS
- ENDPOINT SAMPLING GRID

UUSCO = New York State Department of Environmental Conservation Unrestricted Use Soil Cleanup Objective

RRSCO = New York State Department of Environmental Conservation Restricted Use Soil Cleanup Objective - Restricted Residential

NOTES:

1. THE BASE MAP IS FROM THE SHORING PLAN NO. SOE-101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.
2. END POINT SAMPLING IN ACCORDANCE WITH NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYSDEC) TECHNICAL GUIDANCE FOR SITE INVESTIGATION AND REMEDIATION (DER-10) SECTION 5.4 (1 BOTTOM SAMPLE PER 900 SQUARE FEET).
3. ENDPOINT SAMPLES IN 12-15 FT BLOW GROUND SURFACE (BGS) INTERVAL WERE SAMPLED WITH HAND AUGER TOOLS. FIELD SCREENING WAS PERFORMED FOR THE PRESENCE OF VOCS USING A PID AND THE SOIL CORES WERE INSPECTED FOR VISUAL AND/OR OLFACTORY EVIDENCE OF IMPACT.
4. ONE GRAB SOIL SAMPLE WAS COLLECTED FROM EACH SAMPLE LOCATION BIASED TOWARDS THE HIGHEST CONTAMINATION INTERVAL
5. END POINT SAMPLE LOCATIONS BASED ON APPROXIMATE FIELD MEASUREMENTS
6. EP-16 WAS SAMPLED AT THE DEPTH OF 17 FT BGS

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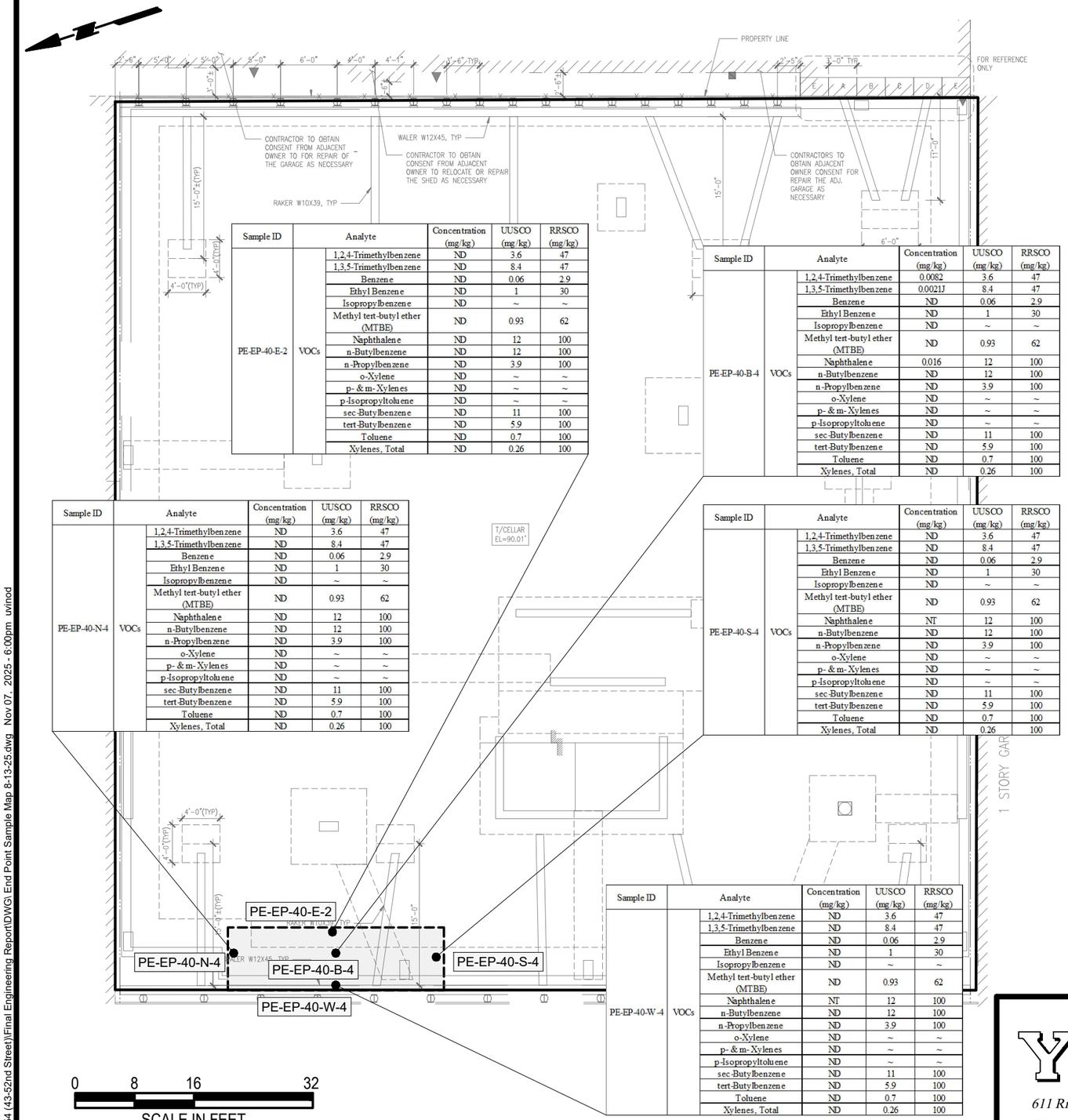
END-POINT SAMPLE LOCATION PLAN

BCP Site ID# C241269
43-25 52nd STREET
WOODSIDE
QUEENS NEW YORK

JOB NO.: 22254	SCALE: AS SHOWN	DATE: 11/07/2025	FIG. 5

P:\22\22254 (43-52nd Street)\Final Engineering Report\DWG\ Figure 5 - End Point Sample Map 8-13-25.dwg Nov 07, 2025 - 5:32pm uvinod



Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
PE-EP-40-E-2	VOCs	1,2,4-Trimethylbenzene	ND	3.6	47
		1,3,5-Trimethylbenzene	ND	8.4	47
		Benzene	ND	0.06	2.9
		Ethyl Benzene	ND	1	30
		Isopropylbenzene	ND	~	~
		Methyl tert-butyl ether (MTBE)	ND	0.93	62
		Naphthalene	ND	12	100
		n-Butylbenzene	ND	12	100
		n-Propylbenzene	ND	3.9	100
		o-Xylene	ND	~	~
		p- & m- Xylenes	ND	~	~
		p-Isopropyltoluene	ND	~	~
		sec-Butylbenzene	ND	11	100
		tert-Butylbenzene	ND	5.9	100
		Toluene	ND	0.7	100
		Xylenes, Total	ND	0.26	100

Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
PE-EP-40-B-4	VOCs	1,2,4-Trimethylbenzene	0.0082	3.6	47
		1,3,5-Trimethylbenzene	0.0021J	8.4	47
		Benzene	ND	0.06	2.9
		Ethyl Benzene	ND	1	30
		Isopropylbenzene	ND	~	~
		Methyl tert-butyl ether (MTBE)	ND	0.93	62
		Naphthalene	0.016	12	100
		n-Butylbenzene	ND	12	100
		n-Propylbenzene	ND	3.9	100
		o-Xylene	ND	~	~
		p- & m- Xylenes	ND	~	~
		p-Isopropyltoluene	ND	~	~
		sec-Butylbenzene	ND	11	100
		tert-Butylbenzene	ND	5.9	100
		Toluene	ND	0.7	100
		Xylenes, Total	ND	0.26	100

Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
PE-EP-40-N-4	VOCs	1,2,4-Trimethylbenzene	ND	3.6	47
		1,3,5-Trimethylbenzene	ND	8.4	47
		Benzene	ND	0.06	2.9
		Ethyl Benzene	ND	1	30
		Isopropylbenzene	ND	~	~
		Methyl tert-butyl ether (MTBE)	ND	0.93	62
		Naphthalene	ND	12	100
		n-Butylbenzene	ND	12	100
		n-Propylbenzene	ND	3.9	100
		o-Xylene	ND	~	~
		p- & m- Xylenes	ND	~	~
		p-Isopropyltoluene	ND	~	~
		sec-Butylbenzene	ND	11	100
		tert-Butylbenzene	ND	5.9	100
		Toluene	ND	0.7	100
		Xylenes, Total	ND	0.26	100

Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
PE-EP-40-S-4	VOCs	1,2,4-Trimethylbenzene	ND	3.6	47
		1,3,5-Trimethylbenzene	ND	8.4	47
		Benzene	ND	0.06	2.9
		Ethyl Benzene	ND	1	30
		Isopropylbenzene	ND	~	~
		Methyl tert-butyl ether (MTBE)	ND	0.93	62
		Naphthalene	NT	12	100
		n-Butylbenzene	ND	12	100
		n-Propylbenzene	ND	3.9	100
		o-Xylene	ND	~	~
		p- & m- Xylenes	ND	~	~
		p-Isopropyltoluene	ND	~	~
		sec-Butylbenzene	ND	11	100
		tert-Butylbenzene	ND	5.9	100
		Toluene	ND	0.7	100
		Xylenes, Total	ND	0.26	100

Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
PE-EP-40-W-4	VOCs	1,2,4-Trimethylbenzene	ND	3.6	47
		1,3,5-Trimethylbenzene	ND	8.4	47
		Benzene	ND	0.06	2.9
		Ethyl Benzene	ND	1	30
		Isopropylbenzene	ND	~	~
		Methyl tert-butyl ether (MTBE)	ND	0.93	62
		Naphthalene	NT	12	100
		n-Butylbenzene	ND	12	100
		n-Propylbenzene	ND	3.9	100
		o-Xylene	ND	~	~
		p- & m- Xylenes	ND	~	~
		p-Isopropyltoluene	ND	~	~
		sec-Butylbenzene	ND	11	100
		tert-Butylbenzene	ND	5.9	100
		Toluene	ND	0.7	100
		Xylenes, Total	ND	0.26	100

LEGEND:

SITE BOUNDARY

OVER-EXCAVATION SAMPLING BOUNDARY

PE-EP-40-X-X — POST-EXCAVATION ENDPOINT SAMPLE

UUSCO = New York State Department of Environmental Conservation Unrestricted Use Soil Cleanup Objective

RRSCO = New York State Department of Environmental Conservation Restricted Use Soil Cleanup Objective - Restricted Residential

NOTES:

1. THE BASE MAP IS FROM SHORING PLAN NO. SOE - 101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.

2. OVER-EXCAVATION WAS PERFORMED IN THE VICINITY OF END-POINT SAMPLE EP-40 TO ACHIEVE TRACK 2 SCOS. OVER-EXCAVATION AREA HAS VARYING EXCAVATION DEPTHS. OVER-EXCAVATION WAS GUIDED BY PHOTO-IONIZATION DETECTOR MEASUREMENTS. WESTERN PORTION OF THE OVER-EXCAVATION AREA IS UP TO 16-FEET BELOW GROUND SURFACE. EASTERN PORTION OF THE OVER-EXCAVATION AREA IS UP TO 14-FEET BELOW GROUND SURFACE.

3. POST-EXCAVATION SAMPLES WERE TESTED FOR CP-51 TABLE 2 AND 3 VOCS AND SVOCS.

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OVER-EXCAVATION ENDPOINT SAMPLE RESULTS MAP
43-25 52ND STREET
QUEENS
NEW YORK NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/07/2025	FIG. 6

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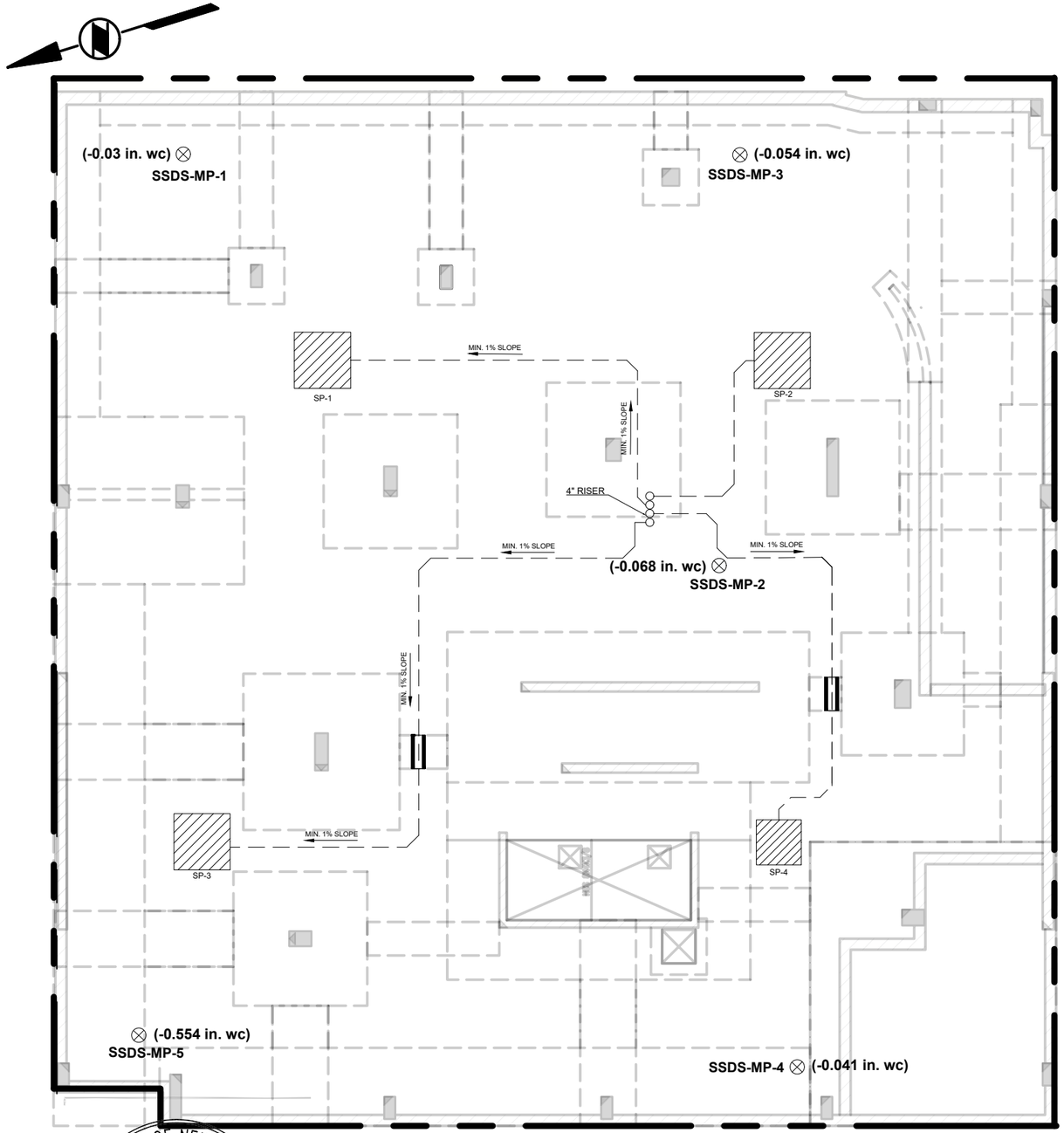

LEGEND:

	BUILDING BOUNDARY
	4-INCH PVC RISER PIPE
SP-1	SUB-SLAB SUCTION PIT
	4-INCH PVCSUB-SLAB DEPRESSURIZATION SYSTEM UNDERGROUND PIPING
SSDS-MP-X	SUB-SLAB DEPRESSURIZATION MONITORING POINT
	PENETRATION SLEEVE THROUGH FOUNDATION ELEMENT
(-0.03 in. wc)	MONITORING POINT VACUUM READING (INCHES WATER COLUMN)

NOTES:

1. THE BASE MAP IS FROM SHORING PLAN NO. SOE - 101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.
2. LOCATION OF PITS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROVED.
3. SLOPE HORIZONTAL PIPE A MINIMUM OF 1/8-INCH VERTICAL PER FOOT HORIZONTAL (1% SLOPE) UNIFORMLY TOWARDS SUB-SLAB SUCTION PIT OR TO UNDERGROUND. WHEN UNDERGROUND PIPE CANNOT BE SLOPED TOWARD THE PIT, THE SYSTEM WAS INSTALLED SUCH THAT NO PORTION WILL ALLOW EXCESS ACCUMULATION OF CONDENSATE.
4. PENETRATION SLEEVE USED IS MADE OF SCHEDULE 80 PVC FOR PENETRATION THROUGH FOUNDATION BEAMS AND ELEMENTS.
5. SSDS-MP-1, SSDS-MP-2, AND SSDS-MP-3 WERE SAMPLED ON MAY 20, 2025 AT 8:29 AM, 8:22 AM, AND 8:45 AM, RESPECTIVELY. SSDS-MP-4 AND SSDS-MP-5 WERE SAMPLED ON OCTOBER 10, 2025 AT 2:59 PM AND 4:07 PM, RESPECTIVELY.

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LAYOUT OF SUB-SLAB DEPRESSURIZATION PLAN
43-25 52ND STREET
QUEENS
NEW YORK NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/10/2025	FIG. 7

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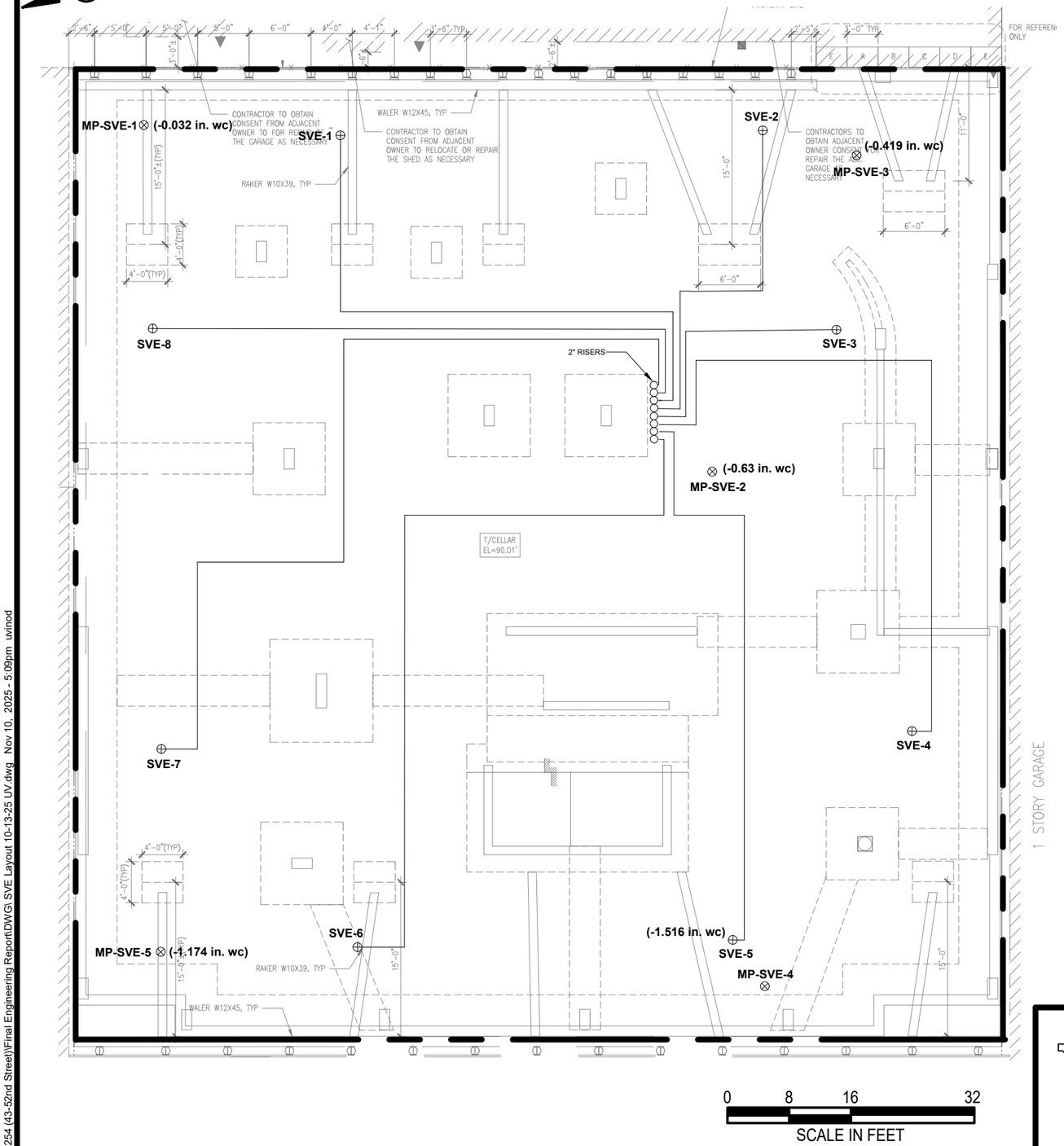

LEGEND:

- BUILDING BOUNDARY
- RISER PIPE
- SOLID 2-INCH SCHEDULE 40 PVC SVE PIPING
- SVE WELL LOCATION
- SVE MONITORING POINT LOCATION
- **(-0.419 in. wc)** MONITORING POINT VACUUM READING (INCHES WATER COLUMN)

NOTES:

1. THE BASE MAP IS FROM SHORING PLAN NO. SOE - 101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.
2. THE SVE EXTRACTION WELL WAS INSTALLED AT 15-20 FT BELOW GROUND SURFACE (BGS) INTERVAL
3. LOCATION OF WELLS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROVED.
4. EQUIPMENT SPECIFICATIONS OF SVE UNIT ENCLOSURE IS INCLUDED IN APPENDIX C OF REMEDIAL DESIGN DOCUMENT.
5. MP-SVE-1 AND MP-SVE-2 WERE SAMPLED ON MAY 20, 2025 AT 8:12 AM AND 8:08 AM, RESPECTIVELY. MP-SVE-3 AND MP-SVE-5 WERE SAMPLED ON OCTOBER 10, 2025 AT 11:51 AM AND 8:35 AM, RESPECTIVELY. MP-SVE-4 WAS SAMPLED ON OCTOBER 9, 2025 AT 2:00 PM.

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SVE SYSTEM LAYOUT PLAN
43-25 52ND STREET
QUEENS

NEW YORK NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/10/2025	FIG. 8

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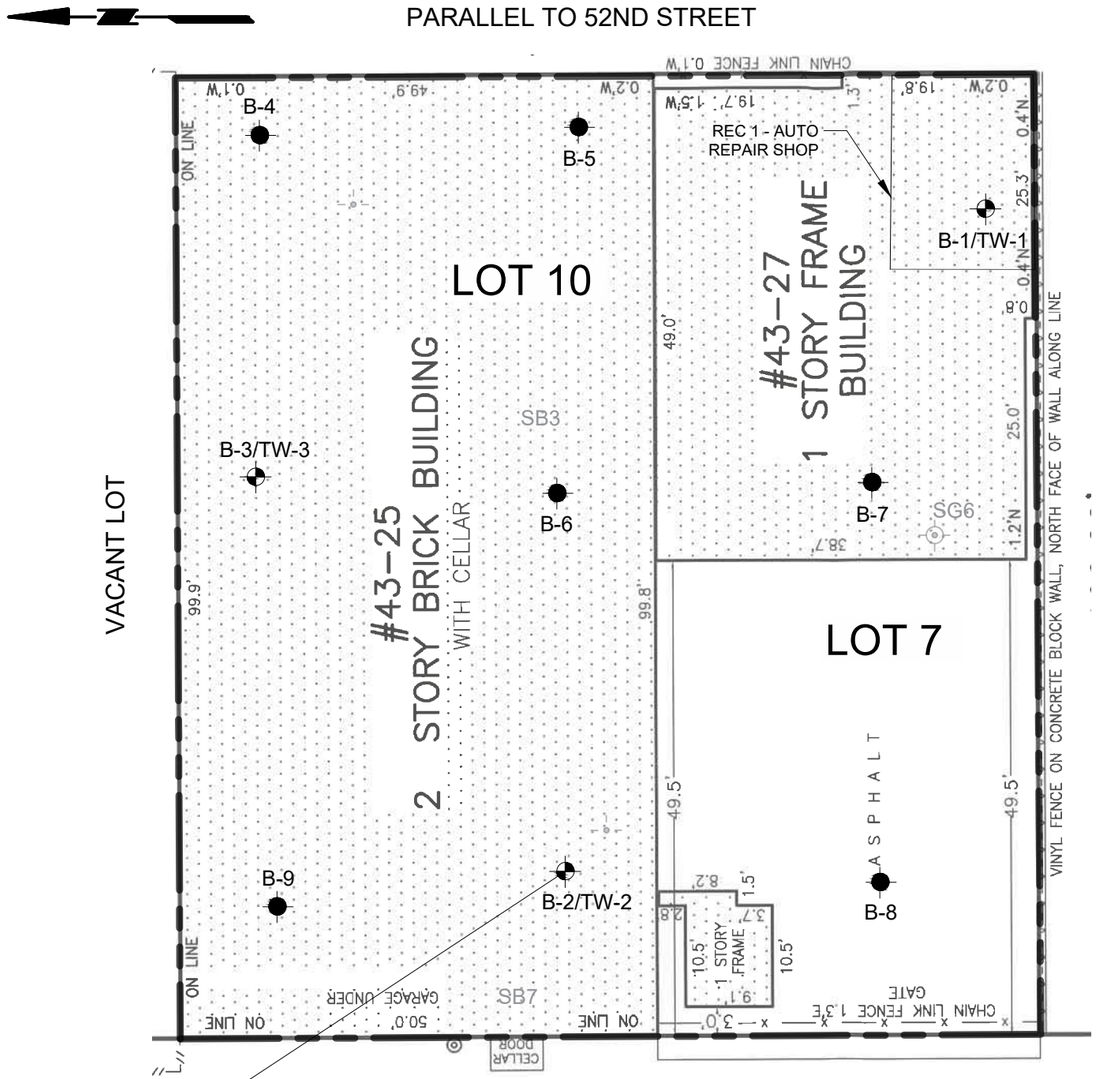

Sample ID	Analyte		Concentration (mg/kg)	UUSCO (mg/kg)	RRSCO (mg/kg)
B-2 (60ft-62ft)	Metals	Arsenic	**13.6**	13	16
		Hex Chromium	**2.38**	1	110

LEGEND:

- Site Boundary
- B-4 — Soil Boring Location
- B-1/TW-1 — Soil Boring and Temporary Well Location

UUSCO = New York State Department of Environmental Conservation Unrestricted Use Soil Cleanup Objective

RRSCO = New York State Department of Environmental Conservation Restricted Use Soil Cleanup Objective - Restricted Residential

13.6 - Analyte has exceeded UUSCO

NOTES:

1. BASE PLAN WAS DEVELOPED FROM THE SURVEY MAP BY A&B ENGINEERING AND LAND SURVEYING, P.CP. DATED ON JUNE 20, 2022.
2. THE APPROXIMATE REC BOUNDARY IS FROM THE 1982 - 1989 SANBORN MAP OF THE PHASE I ESA PREPARED BY JR ENVIRONMENTAL SERVICES, INC DATED FEBRUARY 21, 2022
3. THE PROPOSED SOIL BORING B-1 THROUGH B-3 WERE ADVANCED TO 70 FT - 85 FT BGS (BELOW GROUND SURFACE). REMAINING SOIL BORING FROM SB-4 TO SB-9 WERE ADVANCED TO 9.98 - 14.98 FT BGS

0 8 16 32
SCALE IN FEET

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REMAINING SOIL CONTAMINATION EXCEEDANCE MAP

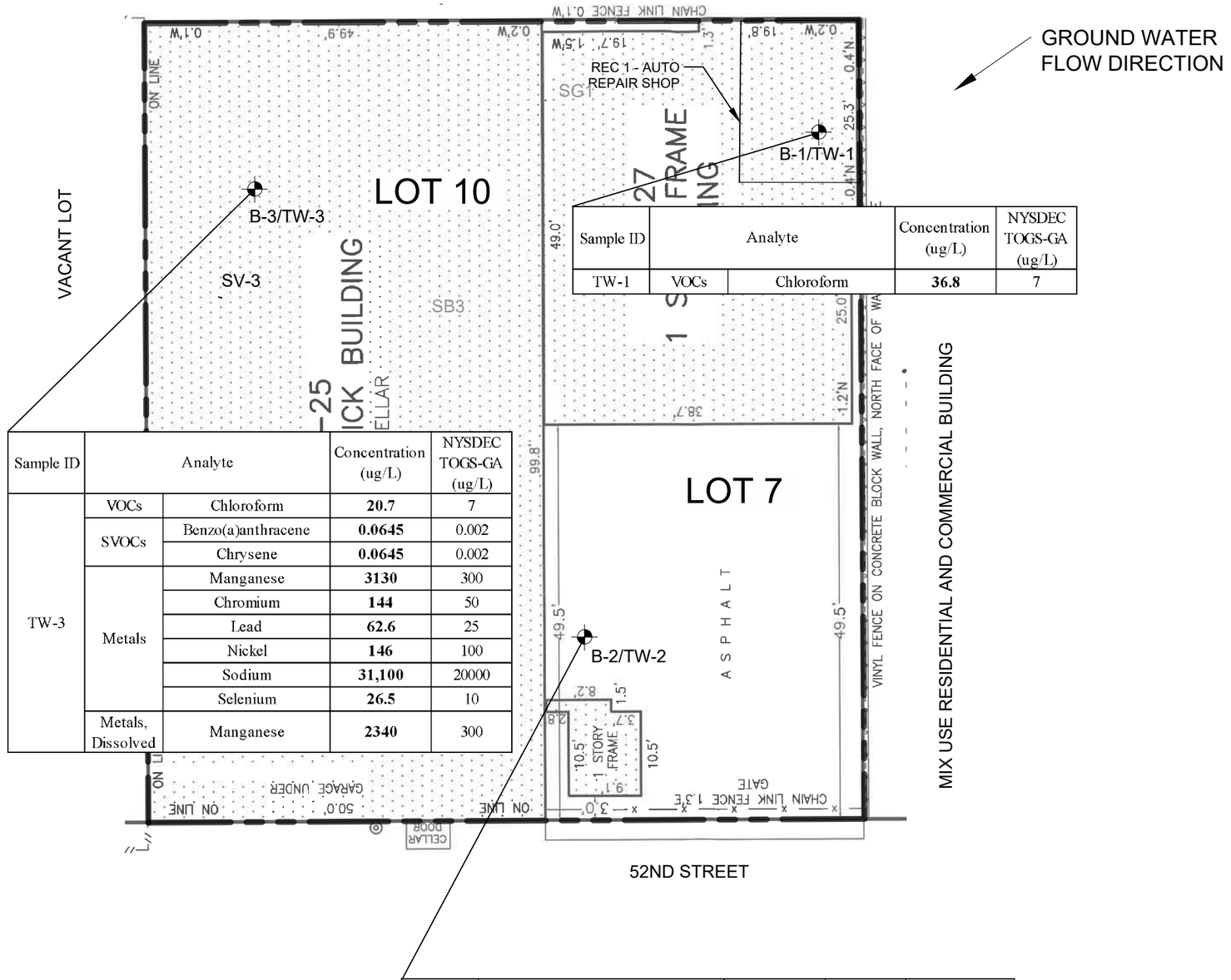
43-25 & 43-27 52ND STREET

WOODSIDE

QUEENS NEW YORK

JOB NO.: 22254 | SCALE: As Shown | DATE: 11/07/2025 | FIG. 9

PARALLEL TO 52ND STREET



Sample ID	Analyte		Concentration (ug/L)	NYSDEC TOGS-GA (ug/L)
TW-1	VOCs	Chloroform	**36.8**	7

Sample ID	Analyte		Concentration (ug/L)	NYSDEC TOGS-GA (ug/L)
TW-3	VOCs	Chloroform	**20.7**	7
	SVOCs	Benzo(a)anthracene	**0.0645**	0.002
		Chrysene	**0.0645**	0.002
	Metals	Manganese	**3130**	300
		Chromium	**144**	50
		Lead	**62.6**	25
		Nickel	**146**	100
		Sodium	**31,100**	20000
		Selenium	**26.5**	10
	Metals, Dissolved	Manganese	**2340**	300

Sample ID	Analyte		Concentration (ug/L)	NYSDEC TOGS-GA (ug/L)	NYDEC PFAS Remedial Program (ug/L)
TW-2	Metals	Manganese	**1470**	300	~
	Metals, Dissolved	Manganese	**1430**	300	~
	PFAs	Perfluorooctanoic acid (PFOA)	**0.0579**	~	0.01

LEGEND:

Site Boundary

B-1/TW-1

Soil Boring and Temporary Well Sample Location

NYSDEC TOGS - GA = New York State Department of Environmental Conservation Technical and Operational Guidance Series class GA

NYDEC PFAS Remedial Program = New York Department of Environmental Conservation Part 373 PFAS Remedial Program Water October 2020

36.8 = Analyte has exceeded the criterion

NOTES:

1. BASE PLAN WAS DEVELOPED FROM THE SURVEY MAP BY A&B ENGINEERING AND LAND SURVEYING, P.CP. DATED ON JUNE 20, 2022.
2. THE APPROXIMATE REC BOUNDARY IS FROM THE 1982 - 1989 SANBORN MAP OF THE PHASE I ESA PREPARED BY JR ENVIRONMENTAL SERVICES, INC DATED FEBRUARY 21, 2022
3. THE TEMPORARY WELLS WERE ADVANCED TO 10 FT BELOW GROUNDWATER LEVEL WHICH IS 75 FT TO 80 FT BGS

0 8 16 32

SCALE IN FEET

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REMAINING GROUNDWATER CONTAMINATION EXCEEDANCE MAP

43-25 & 43-27 52ND STREET

WOODSIDE

QUEENS NEW YORK

JOB NO.: 22254	SCALE: As Shown	DATE: 11/11/2025	FIG. 10