

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

DECEMBER 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.

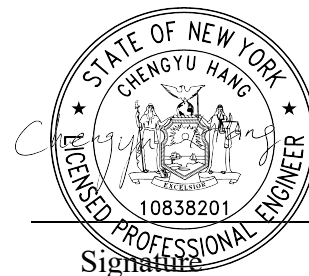
I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Chengyu Hang, of 611 River Drive, 3rd Floor, Elmwood Park, NJ 07407, am certifying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

108382-01

NYS Professional Engineer #

12-18-2025

Date



Signature

TABLE OF CONTENTS

CERTIFICATIONS.....	II
TABLE OF CONTENTS	III
LIST OF FIGURES	VI
LIST OF APPENDICES.....	VII
LIST OF ACRONYMS	VIII
FINAL ENGINEERING REPORT	1
1.0 BACKGROUND AND SITE DESCRIPTION.....	1
2.1 REMEDIAL ACTION OBJECTIVES	2
2.1.1 Groundwater RAOs.....	2
2.1.2 Soil RAOs.....	2
2.1.3 Soil Vapor	2
2.2 DESCRIPTION OF SELECTED REMEDY	2
3.0 INTERIM REMEDIAL MEASURES, OPERABLE UNITS AND REMEDIAL CONTRACTS	10
4.0 DESCRIPTION OF REMEDIAL ACTIONS PERFORMED	11
4.1 GOVERNING DOCUMENTS	11
4.1.1 Site Specific Health & Safety Plan (HASP)	11
4.1.2 Quality Assurance Project Plan (QAPP)	12
4.1.3 Construction Quality Assurance Plan (CQAP).....	12
4.1.4 Soil/Materials Management Plan (SoMP)	13
4.1.5 Storm-Water Pollution Prevention Plan (SWPPP)	15
4.1.6 Community Air Monitoring Plan (CAMP)	15
4.1.7 Contractors Site Operations Plans (SOPs).....	16

4.1.8 Community Participation Plan	16
4.2 REMEDIAL PROGRAM ELEMENTS	17
4.2.1 Contractors and Consultants	17
4.2.2 Site Preparation	18
4.2.3 General Site Controls	19
4.2.4 Nuisance controls	20
4.2.5 CAMP results	22
4.2.6 Best Management Practices	25
4.2.7 Reporting	26
4.3 CONTAMINATED MATERIALS REMOVAL.....	26
4.3.1 Non-Hazardous Soil Removal.....	27
4.4 REMEDIAL PERFORMANCE/DOCUMENTATION SAMPLING	28
4.4.1 End-Point Sampling Frequency.....	28
4.4.2 Methodology	29
4.4.3 Results	30
4.4.4 QA/QC	30
4.4.5 DUSR.....	30
4.5 IMPORTED BACKFILL.....	31
4.6 CONTAMINATION REMAINING AT THE SITE	31
4.7 BUILDING FOUNDATION SYSTEM.....	33
4.8 OTHER ENGINEERING CONTROLS.....	34
4.8.1 Sub Slab Depressurization System	34
4.8.2 SVE System.....	35
4.9 INSTITUTIONAL CONTROLS	37
4.10 GREEN AND SUSTAINABLE REMEDIATION PRINCIPLES.....	38
4.10.1 Environmental Footprint Analysis.....	38
4.10.2 Climate Change Vulnerability Assessment	38
4.11 DEVIATIONS FROM THE REMEDIAL ACTION WORK PLAN.....	39

LIST OF TABLES

Table 1	Soil Cleanup Objectives (SCOs)
Table 2	Waste Classification Soil Sample Program Summary
Table 3	Waste Classification Soil Sample Analytical Results Summary
Table 4	Waste Classification Soil Sample Analytical TCLP Results Summary
Table 5	Additional Lead Delineation Sample Analytical Results Summary
Table 6	Offsite Waste Disposal Volumes and Facilities
Table 7	Endpoint Soil Sample VOCs Analytical Results Summary
Table 8	Endpoint Soil Sample SVOCs Analytical Results Summary
Table 9	Endpoint Soil Sample Pesticides Analytical Results Summary
Table 10	Endpoint Soil Sample Metals Analytical Results Summary
Table 11	Endpoint Soil Sample PCBs Analytical Results Summary
Table 12	Over-Excavation Endpoint Soil Sample Analytical Results Summary
Table 13	Backfill Quantity and Source
Table 14	Indoor Air and Outdoor Ambient Air Results Summary
Table 15	SVE System Influent and Effluent Sample Results Summary
Table 16	Offsite Waste Disposal Summary
Table 17	Remaining Soil Contamination Exceedance Table
Table 18a	Remaining Groundwater Contamination Exceedance Table
Table 18b	Remaining Groundwater Contamination PFAs Exceedance Table
Table 19	Remaining Soil Vapor Contamination Results Table
Table 20	SiteWise™ Estimated Energy Use and Air Emissions for Remedial Action

LIST OF FIGURES

Figure 1	Site Location Map
Figure 2	Site Plan Map
Figure 3	Site Excavation Map
Figure 4	Cut and Fill Thickness Map
Figure 5	End-Point Sample Location Plan
Figure 6	Over-Excavation Endpoint Sample Results Map
Figure 7	Sub-slab Depressurization System Layout Plan
Figure 8	Soil Vapor Extraction System Layout Plan
Figure 9	Remaining Soil Contamination Exceedance Map
Figure 10	Remaining Groundwater Contamination Exceedance Map
Figure 11	Remaining Soil Vapor Contamination Exceedance Map

LIST OF APPENDICES

Appendix A	Survey Map, Metes and Bounds
Appendix B	Digital Copy of FER (CD)
Appendix C	HASP, CAMP, and Copies of Sign-In Sheets
Appendix D	CAMP Data
Appendix E	Agency Approvals and Non-Agency Permits
Appendix F	Daily and Monthly Reports
Appendix G	Photographic Log
Appendix H	Contained-In Requests
Appendix I	Applicants Letters to Disposal Facility and Disposal Facility Approval Letter
Appendix J	Manifests and Bills of Lading
Appendix K	Raw Laboratory Data
Appendix L	Data Usability Summary Reports
Appendix M	Foundation Plan
Appendix N	SSDS and SVE System As-Built Drawings
Appendix O	Environmental Easement and Proof of Filing
Appendix P	Imported Material Documentation
Appendix Q	Documentation of Electronic Data Deliverables (EDD) Acceptance
Appendix R	Environmental Footprint Analysis and Climate Screening Checklist

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. Remedial Design

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

- Considering the environmental impacts of treatment technologies and remedy stewardship over the long term;
- Reducing direct and indirect greenhouse gases and other emissions;
- Increasing energy efficiency and minimizing use of non-renewable energy;
- Conserving and efficiently managing resources and materials;
- Reducing waste, increasing recycling and increasing reuse of materials which would otherwise be considered a waste;
- Maximizing habitat value and creating habitat when possible;
- Fostering green and healthy communities and working landscapes which balance ecological, economic and social goals;
- 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 design program, to evaluate the remedy with respect to green and sustainable remediation principles, an environmental footprint analysis will be completed. The environmental footprint analysis will be completed using an accepted environmental footprint analysis calculator such as SEFA (Spreadsheets for Environmental Footprint Analysis, USEPA), 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, will be incorporated into the remedial program, as appropriate. The project design specifications will include detailed requirements to achieve the green and sustainable remediation goals. Further, progress with respect to green and sustainable remediation metrics will be tracked during implementation of the remedial action and reported in this Final Engineering Report (FER), including a comparison to the goals established during the remedial program.

Additionally, the remedial design program will include 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 will be identified, and the remedial design program will incorporate 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 1,000 cubic yards (CY) of material will be removed from the site. Depth of excavation

is expected to extend approximately three feet throughout the site. Additional confirmation samples will be collected following the development depth excavation to 12 feet. If there were RRSCO exceedances in soils between 12 and 15 feet, remedial excavation would occur to a maximum of 15 feet. If a Track 2 restricted residential cleanup is achieved, a Cover System will not be a required element of the remedy.

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

To ensure proper handling and disposal of excavated material, waste characterization sampling 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) will be brought in to replace the excavated soil and establish the designed grades at the site.

4. Soil Vapor Extraction

Soil vapor extraction (SVE) will be implemented to remove volatile organic compounds (VOCs) from the subsurface and prevent the off-site migration of contaminated soil vapor. VOCs will be 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 will be determined during the remedial design.

5. Vapor Mitigation

Any on-site buildings will be required to have an active sub-slab depressurization system, or the acceptable measures, 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

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

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

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.

8. 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 were 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

Contractor/Subcontractor Name	Associated Tasks
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/m³)	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	The exceedance was the result of a short-term wind

			pile driving during strong 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 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.
4/12/2024	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 18a, Table 18b 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 19 and Figure 11 of 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 1/4 -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 two originally installed monitoring points on May 20, 2025 and on October 9, 2025 at the three additionally installed 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 each with a radius of influence (ROI) of 25 ft, a blower, treatment units, five vacuum monitoring points, 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 two originally installed monitoring points on May 20, 2025 and on October 9, 2025 at the three additionally installed 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 points. The readings are as follows:

- a. Blower Inlet Vacuum: -2.3 in-wc

- b. Sub-slab Monitoring Point Vacuum: -0.032 to -1.516 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 analysis 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 ($\mu\text{g}/\text{m}^3$) for 2-butanone and from 82 to 210 $\mu\text{g}/\text{m}^3$ 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 20 – 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

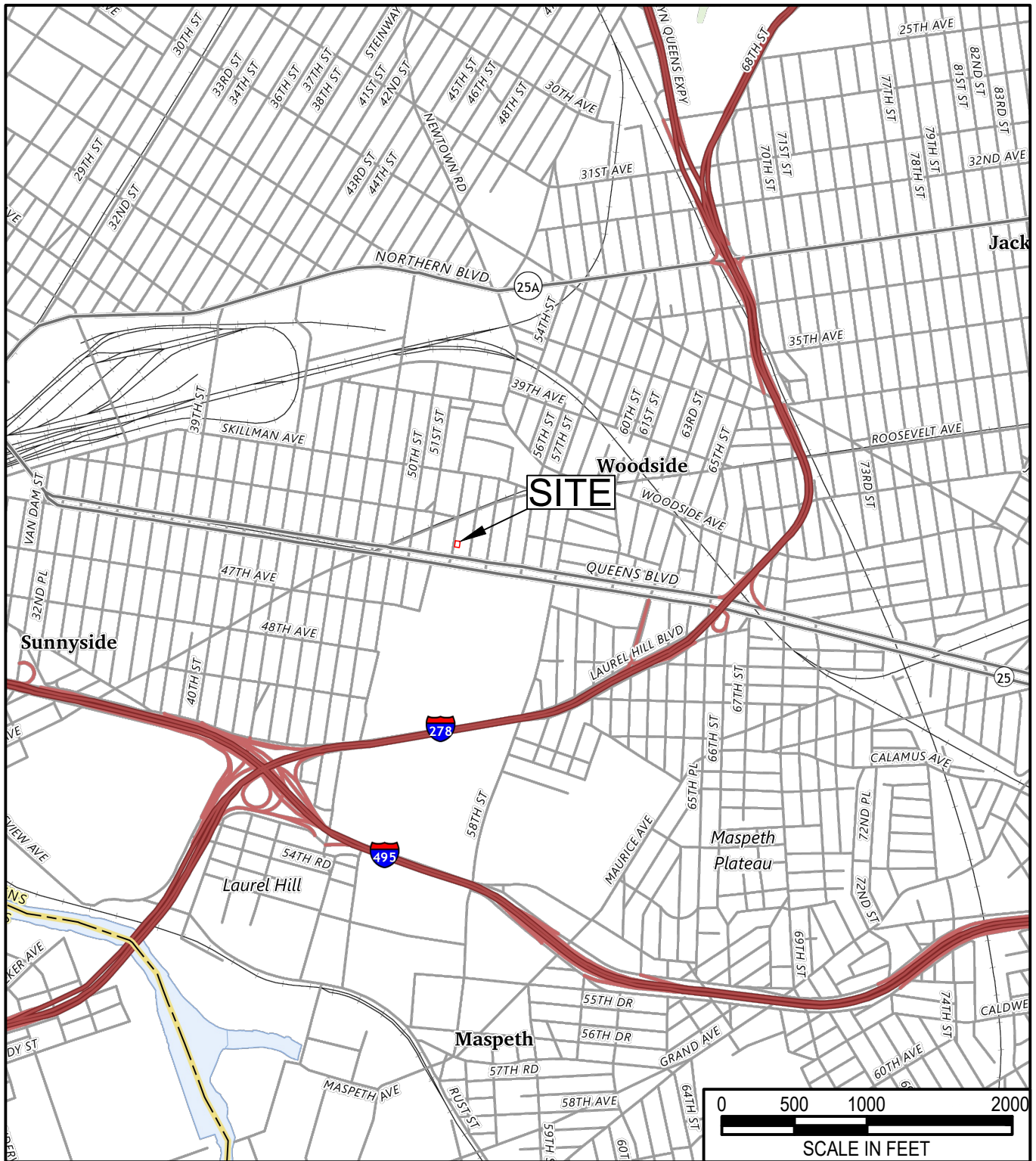
Assessment was necessary. The Climate Screening Checklist is included in Appendix R.

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.

FIGURES

P:\2222254 (43-52nd Street)\BCP Application\Attachments\Attachment A - Section I Property Information\Figures\CAD Drawing\43 Drawing1.dwg Jul 16, 2025 - 5:11pm winod



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
Fax: (201) 791-4533

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



Base Map Source: Google Earth Pro 2025



LEGEND:



Site
Boundary



Environmental
Easement Area



& 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

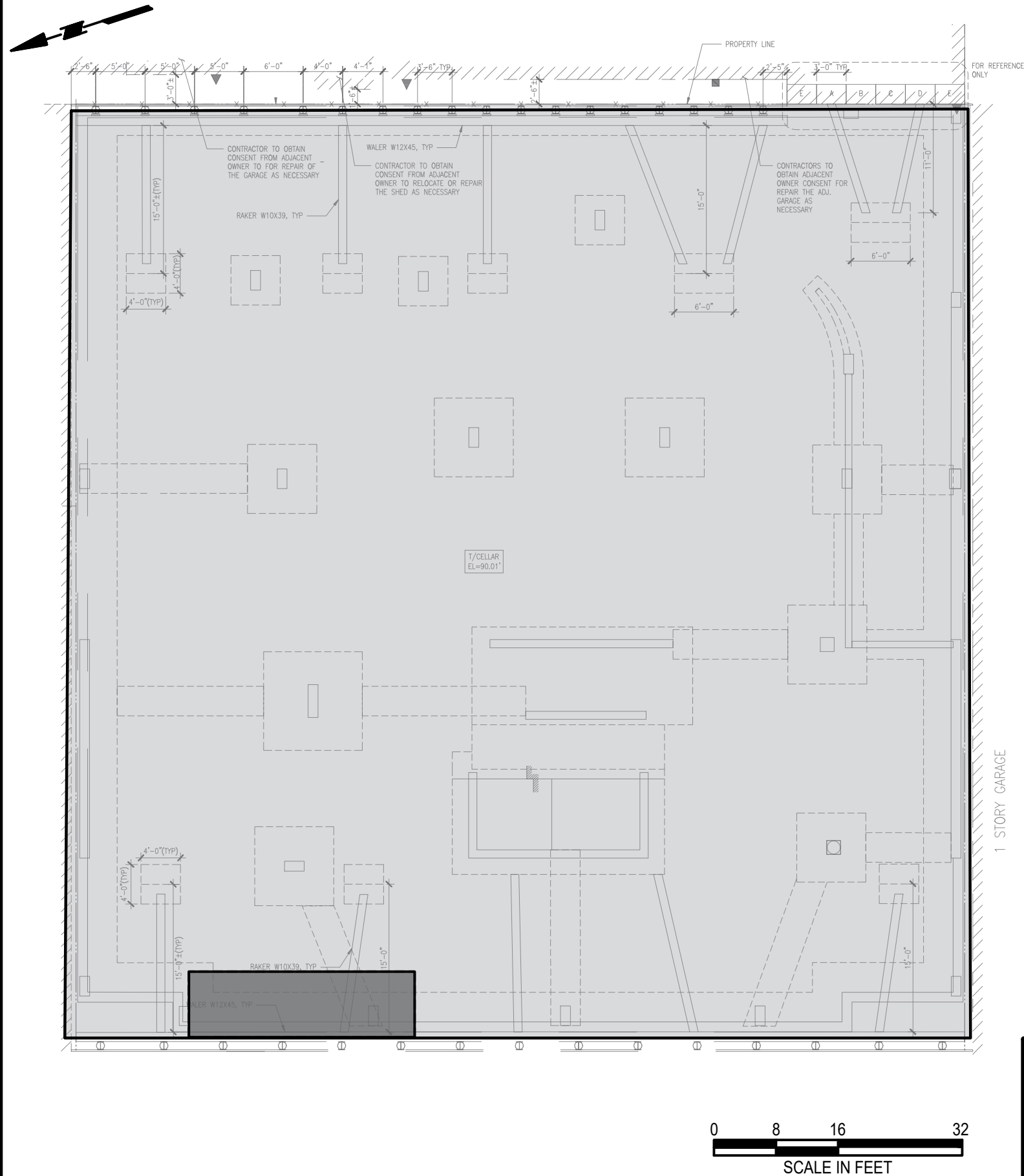
SCALE: As Shown

DATE: 11/06/2025

FIG.

2

P:\2222254 (43-52nd Street)\Final Engineering Report\DWG\End Point Sample Map 8-13-25.dwg Nov 07, 2025 - 6:56pm uvinod



LEGEND:



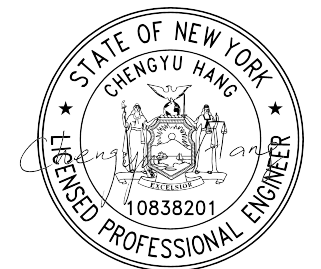
SITE WIDE EXCAVATION DEPTH - 3 FT BGS,
BGS = BELOW GROUND SURFACE



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.

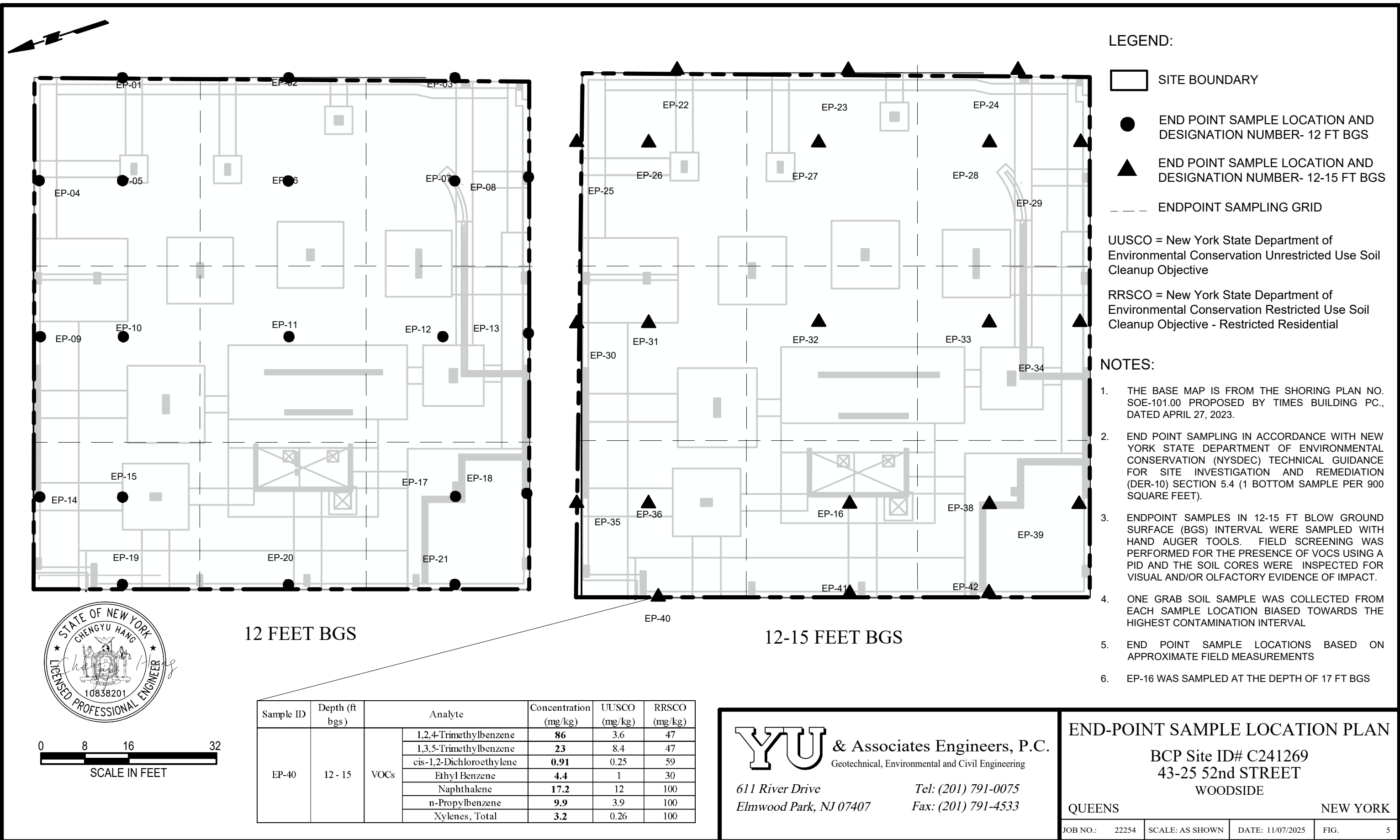


YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407
Tel: (201) 791-0075
Fax: (201) 791-4533

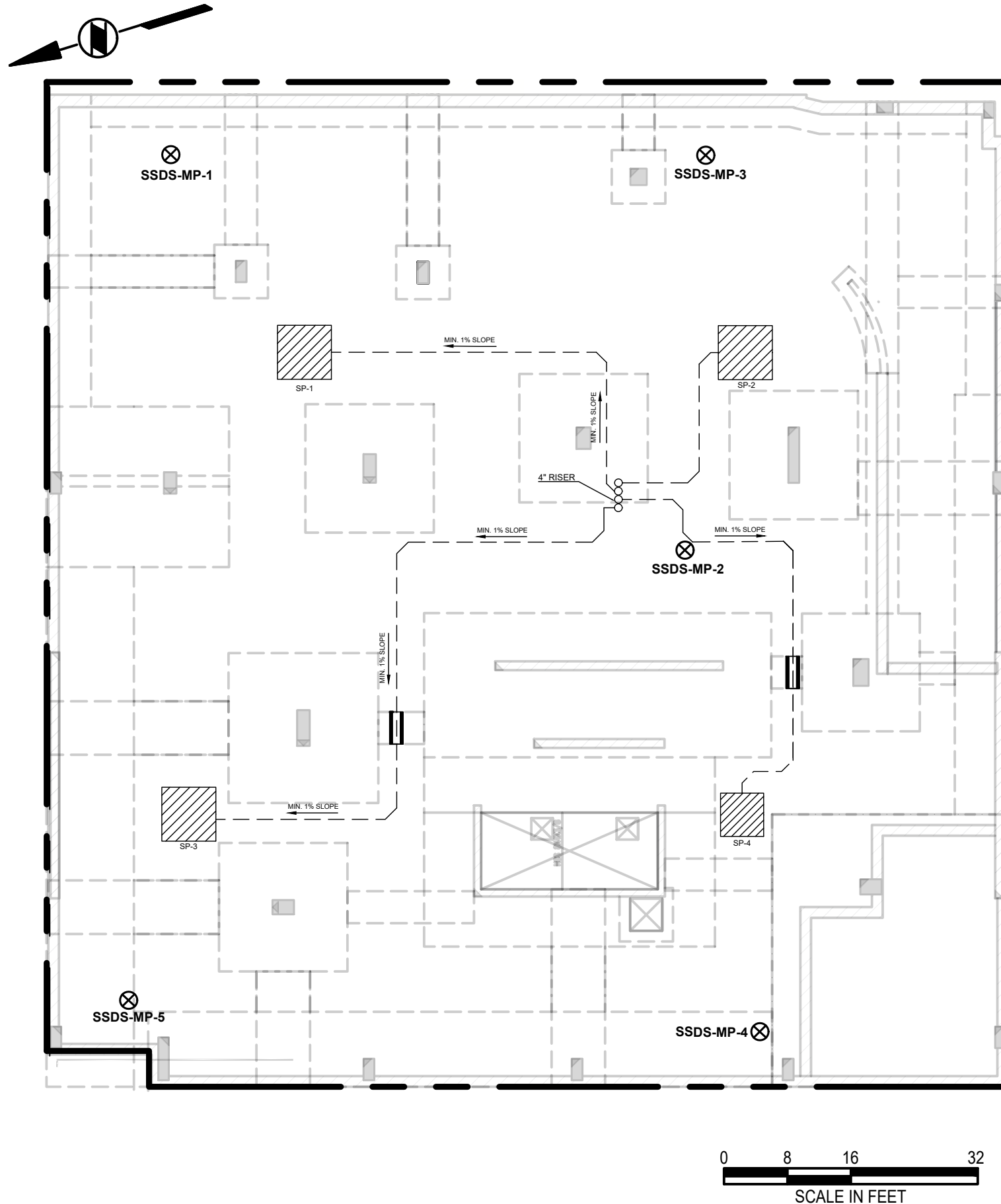
SITE EXCAVATION MAP
43-25 52ND STREET
QUEENS

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\ Figure 5 - End Point Sample Map 8-13-25.dwg Nov 07, 2025 - 5:32pm uvind



P:\2222254 (43-52nd Street)\Final Engineering Report\DWG\SSDS Figures 10-13-25 UV.dwg Dec 17, 2025 - 4:17pm zyang

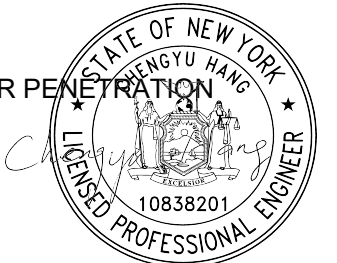


LEGEND:

- BUILDING BOUNDARY
- 4-INCH PVC RISER PIPE
- SUB-SLAB SUCTION PIT
- SP-1
- 4-INCH PVC SUB-SLAB DEPRESSURIZATION SYSTEM UNDERGROUND PIPING
- SUB-SLAB DEPRESSURIZATION MONITORING POINT
- SSDS-MP-X
- PENETRATION SLEEVE THROUGH FOUNDATION ELEMENT

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.

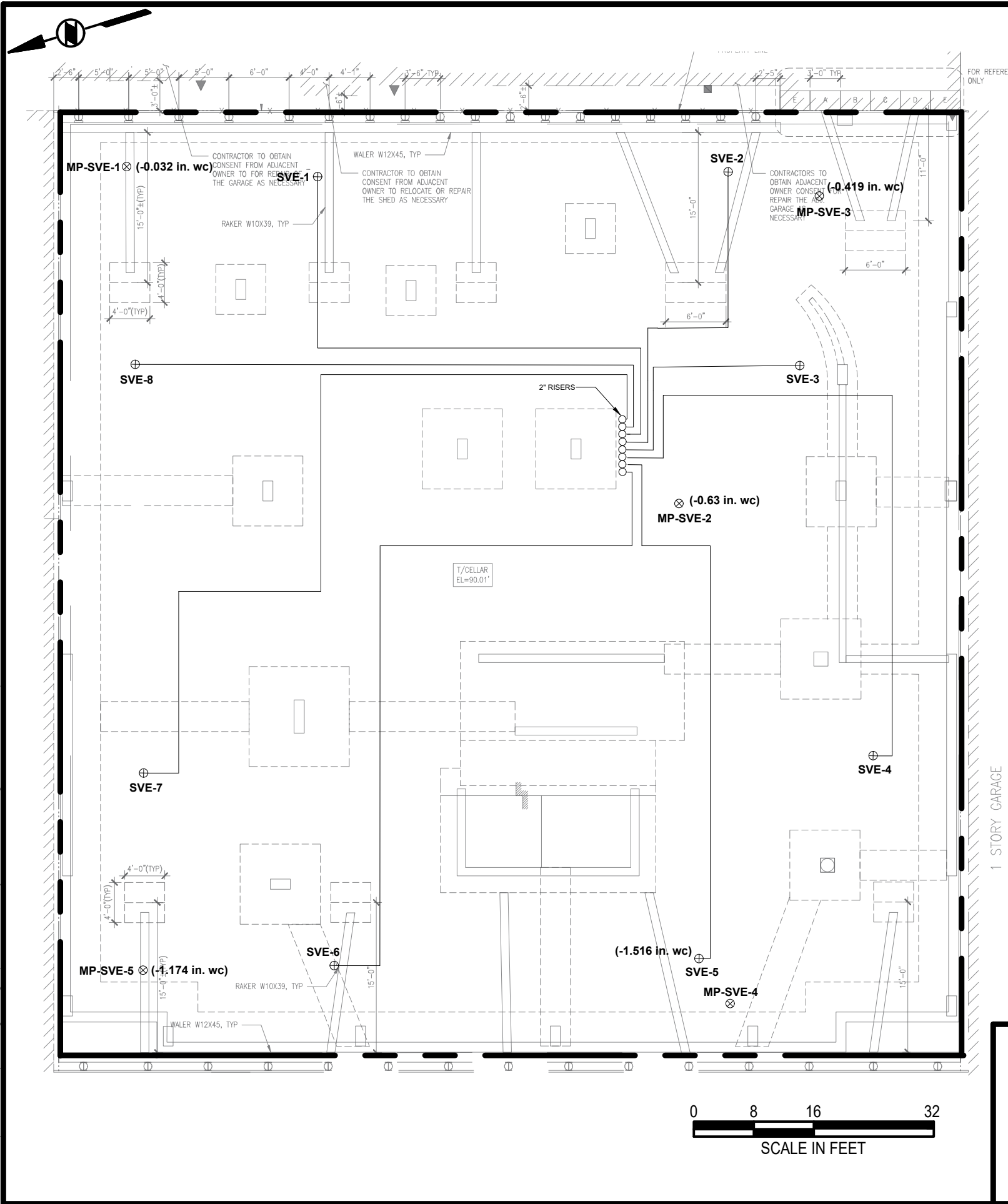


YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407
Tel: (201) 791-0075
Fax: (201) 791-4533

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

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

P:\2222254 (43-52nd Street)\Final Engineering Report\DWG\ SVE Layout 10-13-25 UV.dwg Nov 10, 2025 - 5:09pm uv/nod

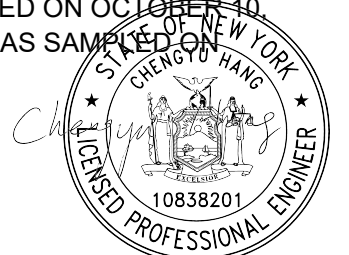


LEGEND:

- 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:

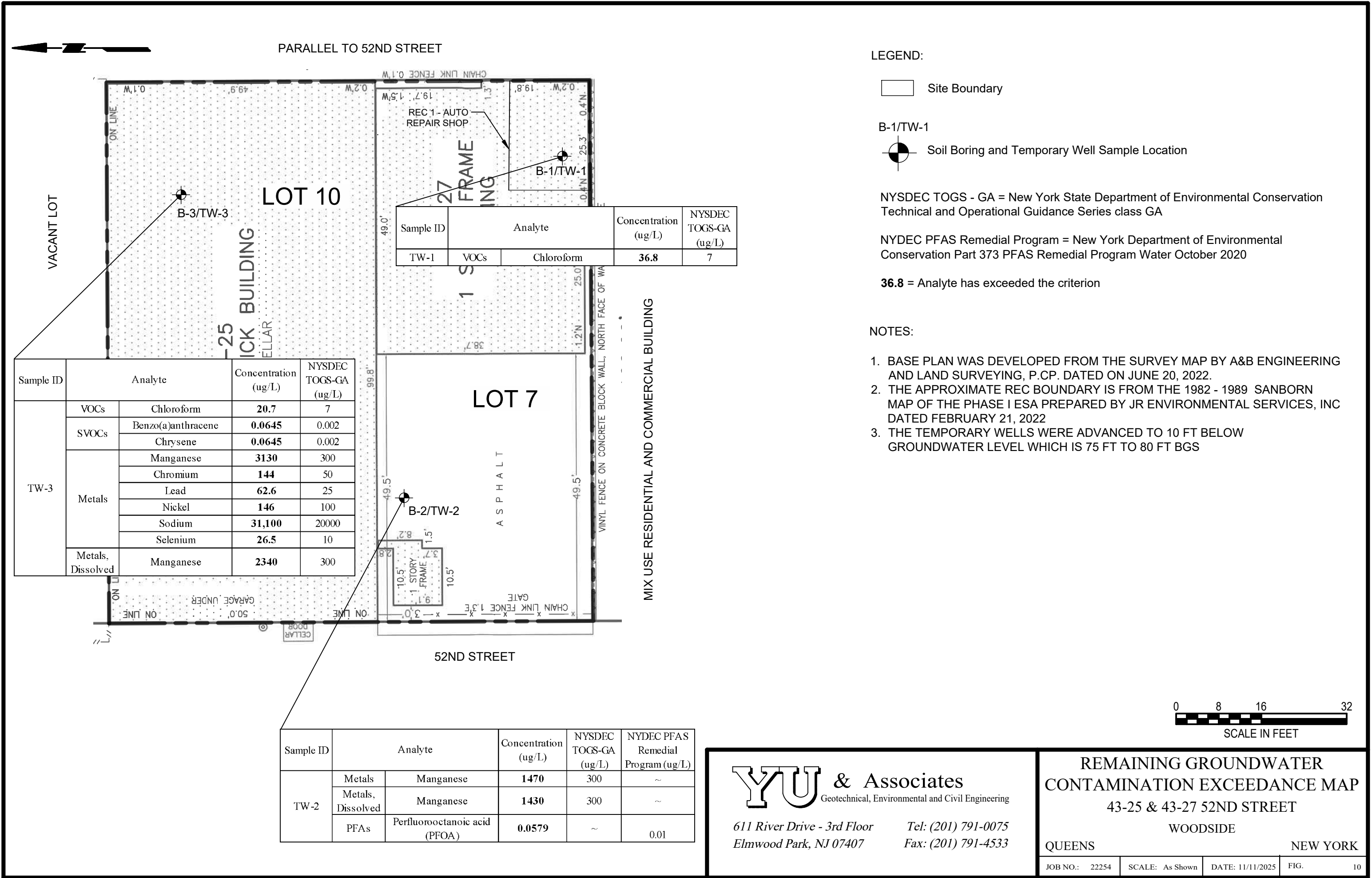
1. THE BASE MAP IS FROM SHORING PLAN NO. SOE - 101.00 PROPOSED BY TIMES BUILDING PC., DATED APRIL 27, 2023.
2. THE SVE EXTRACTION WELL WAS INSTALLED AT 15-20 FT BELOW GROUND SURFACE (BGS) INTERVAL
3. LOCATION OF WELLS ARE BASED ON FIELD MEASUREMENTS AND ARE APPROVED.
4. EQUIPMENT SPECIFICATIONS OF SVE 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.

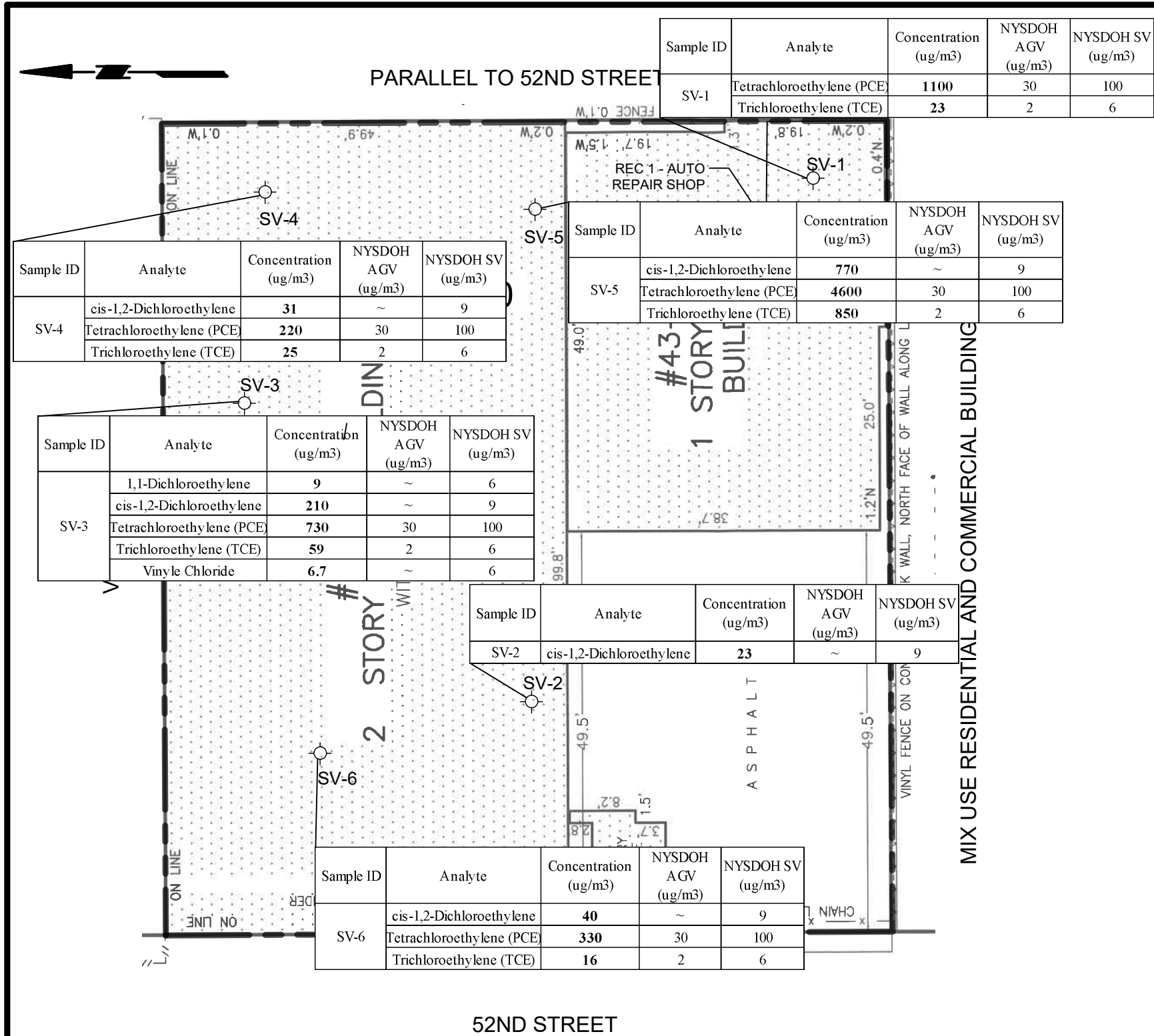


YU & Associates Engineers, P.C.
Geotechnical, Environmental and Civil Engineering
611 River Drive - 3rd Floor
Elmwood Park, NJ 07407
Tel: (201) 791-0075
Fax: (201) 791-4533

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





LEGEND:

- Site Boundary
- SV-1
Soil Vapor Point Sample Location

NYSDOH AGV = New York State Department of Health Air Guideline Values

NYSDOH SV = New York State Department of Health Soil Vapor Decision Matrix

20.7 = 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 SOIL VAPOR POINT SAMPLE LOCATION WAS ADVANCED TO 12 FT BGS

TABLES

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

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

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

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

Sample ID		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	
Sample Depth				Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Date											
Sample Matrix											
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
2,4-Dimethylphenol	105-67-9	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2,4-Dinitrophenol	51-28-5	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2-Chloronaphthalene	91-58-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2-Chlorophenol	95-57-8	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2-Methylnaphthalene	91-57-6	~	~	< 0.0454	0.0454	< 0.0451	0.0451	0.151	0.0449	< 0.0437	0.0437
2-Methylphenol	95-48-7	0.33	100	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
2-Nitroaniline	88-74-4	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
2-Nitrophenol	88-75-5	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
3- & 4-Methylphenols	65794-96-9	0.33	100	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
3-Nitroaniline	99-09-2	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
4-Chloroaniline	106-47-8	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
4-Nitroaniline	100-01-6	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
4-Nitrophenol	100-02-7	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
Acenaphthene	83-32-9	20	100	< 0.0454	0.0454	< 0.0451	0.0451	0.383	0.0449	< 0.0437	0.0437
Acenaphthylene	208-96-8	100	100	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Acetophenone	98-86-2	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Aniline	62-53-3	~	~	< 0.181	0.181	< 0.18	0.18	< 0.179	0.179	< 0.175	0.175
Anthracene	120-12-7	100	100	< 0.0454	0.0454	< 0.0451	0.0451	0.692	0.0449	< 0.0437	0.0437
Atrazine	1912-24-9	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Benzaldehyde	100-52-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Benzidine	92-87-5	~	~	< 0.181	0.181	< 0.18	0.18	< 0.179	0.179	< 0.175	0.175
Benzo(a)anthracene	56-55-3	1	1	< 0.0454	0.0454	< 0.0451	0.0451	1.34	0.0449	< 0.0437	0.0437
Benzo(a)pyrene	50-32-8	1	1	< 0.0454	0.0454	< 0.0451	0.0451	1.1	0.0449	< 0.0437	0.0437
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0454	0.0454	< 0.0451	0.0451	0.996	0.0449	< 0.0437	0.0437
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0454	0.0454	< 0.0451	0.0451	0.484	0.0449	< 0.0437	0.0437
Benzo(k)fluoranthene	207-08-9	0.8	3.9	< 0.0454	0.0454	< 0.0451	0.0451	0.963	0.0449	< 0.0437	0.0437
Benzoic acid	65-85-0	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Benzyl alcohol	100-51-6	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Benzyl butyl phthalate	85-68-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	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			Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Caprolactam	105-60-2	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
Carbazole	86-74-8	~	~	< 0.0454	0.0454	< 0.0451	0.0451	0.375	0.0449	< 0.0437	0.0437
Chrysene	218-01-9	1	3.9	< 0.0454	0.0454	< 0.0451	0.0451	1.24	0.0449	< 0.0437	0.0437
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0454	0.0454	< 0.0451	0.0451	0.186	0.0449	< 0.0437	0.0437
Dibenzofuran	132-64-9	7	59	< 0.0454	0.0454	< 0.0451	0.0451	0.257	0.0449	< 0.0437	0.0437
Diethyl phthalate	84-66-2	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Dimethyl phthalate	131-11-3	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Di-n-butyl phthalate	84-74-2	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Di-n-octyl phthalate	117-84-0	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Diphenylamine	122-39-4	~	~	< 0.0906	0.0906	< 0.0899	0.0899	< 0.0896	0.0896	< 0.0872	0.0872
Fluoranthene	206-44-0	100	100	< 0.0454	0.0454	< 0.0451	0.0451	2.41	0.0449	< 0.0437	0.0437
Fluorene	86-73-7	30	100	< 0.0454	0.0454	< 0.0451	0.0451	0.414	0.0449	< 0.0437	0.0437
Hexachlorobenzene	118-74-1	0.33	1.2	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Hexachlorobutadiene	87-68-3	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Hexachloroethane	67-72-1	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0454	0.0454	< 0.0451	0.0451	0.646	0.0449	< 0.0437	0.0437
Isophorone	78-59-1	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Naphthalene	91-20-3	12	100	< 0.0454	0.0454	< 0.0451	0.0451	0.567	0.0449	< 0.0437	0.0437
Nitrobenzene	98-95-3	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Pentachlorophenol	87-86-5	0.8	6.7	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Phenanthrene	85-01-8	100	100	< 0.0454	0.0454	< 0.0451	0.0451	2.09	0.0449	< 0.0437	0.0437
Phenol	108-95-2	0.33	100	< 0.0454	0.0454	< 0.0451	0.0451	< 0.0449	0.0449	< 0.0437	0.0437
Pyrene	129-00-0	100	100	< 0.0454	0.0454	< 0.0451	0.0451	1.93	0.0449	< 0.0437	0.0437
Pyridine	110-86-1	~	~	< 0.181	0.181	< 0.18	0.18	< 0.179	0.179	< 0.175	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	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
4,4'-DDE	72-55-9	0.0033	8.9	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
4,4'-DDT	50-29-3	0.0033	7.9	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Aldrin	309-00-2	0.005	0.097	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
alpha-BHC	319-84-6	0.02	0.48	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
alpha-Chlordane	5103-71-9	0.094	4.2	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
beta-BHC	319-85-7	0.036	0.36	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	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			Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
Chlordane, total	57-74-9	~	~	< 0.036	0.036	< 0.0351	0.0351	< 0.0355	0.0355	< 0.0354	0.0354
delta-BHC	319-86-8	0.04	100	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Dieldrin	60-57-1	0.005	0.2	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan I	959-98-8	2.4	24	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan II	33213-65-9	2.4	24	0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan sulfate	1031-07-8	2.4	24	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endrin	72-20-8	0.014	11	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endrin aldehyde	7421-93-4	~	~	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Endrin ketone	53494-70-5	~	~	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	1.3	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
gamma-Chlordane	5566-34-7	~	~	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Heptachlor	76-44-8	0.042	2.1	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Heptachlor epoxide	1024-57-3	~	~	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Methoxychlor	72-43-5	~	~	< 0.0018	0.0018	< 0.00176	0.00176	< 0.00177	0.00177	< 0.00177	0.00177
Toxaphene	8001-35-2	~	~	< 0.18	0.18	< 0.176	0.176	< 0.177	0.177	< 0.177	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	~	~	< 2.28	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	< 0.274	0.274	< 0.27	0.27	0.512	0.27	< 0.269	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	< 2.28	2.28	< 2.25	2.25	< 2.25	2.25	< 2.24	2.24
Silver	7440-22-4	2	180	< 0.461	0.461	< 0.457	0.457	< 0.453	0.453	< 0.452	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

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

Sample ID		NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives	NYSDEC Part 375 Restricted Use Soil Cleanup Objectives - Restricted Residential	WC-1 (0-5ft)		WC-1 (5-10ft)		WC-2 (0-5ft)		WC-2 (5-10ft)	
Sample Depth				0-5 ft. bgs		5-10 ft. bgs		0-5 ft. bgs		5-10 ft. bgs	
Sample Date				7/21/2023		7/21/2023		7/24/2023		7/24/2023	
Sample Matrix				Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg	
Mercury by 7473											
Mercury	7439-97-6	0.18	0.81	0.0751	0.0329	< 0.0327	0.0327	< 0.0323	0.0323	< 0.0323	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	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1221	11104-28-2	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1232	11141-16-5	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1242	53469-21-9	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1248	12672-29-6	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1254	11097-69-1	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1260	11096-82-5	~	~	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179
Total PCBs	1336-36-3	0.1	1	< 0.0182	0.0182	< 0.0177	0.0177	< 0.0179	0.0179	< 0.0179	0.0179

NOTES:

LOD - limit of detection for analyte

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

B - indicates that the analyte was found in the analysis batch blank

ft. bgs - feet below ground surface

	Indicates that the analyte exceeds the NYSDEC Unrestricted Use Soil Cleanup Objective 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		Result	LOD	Result	LOD	Result	LOD	Result	LOD
			mg/L		mg/L		mg/L		mg/L	
Metals, TCLP RCRA										
Arsenic	7440-38-2	25	< 0.375	0.375	< 0.375	0.375	< 0.375	0.375	< 0.375	0.375
Barium	7440-39-3	1000	< 0.625	0.625	< 0.625	0.625	< 0.625	0.625	< 0.625	0.625
Cadmium	7440-43-9	5	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075	< 0.075	0.075
Chromium	7440-47-3	50	< 0.125	0.125	< 0.125	0.125	< 0.125	0.125	< 0.125	0.125
Lead	7439-92-1	15	0.148	0.125	< 0.125	0.125	0.706	0.125	< 0.125	0.125
Selenium	7782-49-2	10	< 0.625	0.625	< 0.625	0.625	< 0.625	0.625	< 0.625	0.625
Silver	7440-22-4	50	< 0.125	0.125	< 0.125	0.125	< 0.125	0.125	< 0.125	0.125
Mercury, TCLP										
Mercury	7439-97-6	23	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	0.0002	< 0.0002	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		~	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	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
~ - indicates that no regulatory limit has been established for this analyte
NA - not applicable

Table 5
Additional Lead Delineation Soil 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	B-6-N1-0-2IN		B-6-N1-2FT-2IN		B-6-W1-0-2IN		B-6-W1-2FT-2IN		B-6-E1-0-2IN		B-6-E1-2FT-2IN		B-6-S1-0-2IN		B-6-S1-2FT-2IN	
Sample Depth				0-2 in. bgs		2 ft-2 in. bgs		0-2 in. bgs		2 ft-2 in. bgs		0-2 in. bgs		2 ft-2 in. bgs		0-2 in. bgs		2 ft-2 in. bgs	
Sample Date				3/8/2024		3/8/2024		3/8/2024		3/8/2024		3/8/2024		3/8/2024		3/8/2024		3/8/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg			
Metals By EPA 6010																			
Antimony	7440-36-0	~	~	< 2	2	< 1.9	1.9	< 1.93	1.93	< 1.87	1.87	< 1.94	1.94	< 1.91	1.91	< 2.03	2.03	< 1.88	1.88
Arsenic	7440-38-2	13	16	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	2.5	4.3	< 0.287	0.287	< 0.273	0.273	< 0.278	0.278	< 0.269	0.269	< 0.28	0.28	< 0.274	0.274	< 0.293	0.293	< 0.27	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	63	400	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
~ - 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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dibromoethane	106-93-4	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichloropropane	78-87-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	< 0.049	0.04900	< 0.045	0.04500	< 0.051	0.05100	< 0.046	0.04600	< 0.048	0.04800	< 0.048	0.04800
2-Butanone	78-93-3	0.12	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
2-Hexanone	591-78-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Acetone	67-64-1	0.05	100	0.0085 J	0.00490	< 0.0045	0.00450	< 0.0051	0.00510	0.0380	0.0046	< 0.0048	0.00480	< 0.0048	0.00480
Acrolein	107-02-8	~	~	< 0.0049	0.00490	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0046	0.00460	< 0.0048	0.00480	< 0.0048	0.00480
Acrylonitrile	107-13-1	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Benzene	71-43-2	0.06	2.9	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Bromochloromethane	74-97-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Bromodichloromethane	75-27-4	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Bromoform	75-25-2	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Bromomethane	74-83-9	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Carbon disulfide	75-15-0	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix															
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Chlorobenzene	108-90-7	1.1	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Chloroethane	75-00-3	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Chloroform	67-66-3	0.37	10	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Chloromethane	74-87-3	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Cyclohexane	110-82-7	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Dibromochloromethane	124-48-1	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Dibromomethane	74-95-3	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Dichlorodifluoromethane	75-71-8	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Ethyl Benzene	100-41-4	1	30	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Hexachlorobutadiene	87-68-3	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Isopropylbenzene	98-82-8	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Methyl acetate	79-20-9	~	~	0.00490	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Methylcyclohexane	108-87-2	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Methylene chloride	75-09-2	0.05	51	< 0.0049	0.00490	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0046	0.00460	< 0.0048	0.00480	< 0.0048	0.00480
n-Butylbenzene	104-51-8	12	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
n-Propylbenzene	103-65-1	3.9	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
o-Xylene	95-47-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
p- & m- Xylenes	179601-23-1	~	~	< 0.0049	0.00490	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0046	0.00460	< 0.0048	0.00480	< 0.0048	0.00480
p-Isopropyltoluene	99-87-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
sec-Butylbenzene	135-98-8	11	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Styrene	100-42-5	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
tert-Butylbenzene	98-06-6	5.9	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Toluene	108-88-3	0.7	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Trichloroethylene	79-01-6	0.47	10	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Trichlorofluoromethane	75-69-4	~	~	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0024	0.00240	< 0.0022	0.00220	< 0.0026	0.00260	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0024	0.00240
Xylenes, Total	1330-20-7	0.26	100	< 0.0073	0.00730	< 0.0067	0.00670	< 0.0077	0.00770	< 0.0069	0.00690	< 0.0071	0.00710	< 0.0072	0.00720

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dibromoethane	106-93-4	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,2-Dichloropropane	78-87-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	< 0.046	0.04600	< 0.054	0.05400	< 0.052	0.05200	< 0.051	0.05100	< 0.047	0.04700	< 0.047	0.04700
2-Butanone	78-93-3	0.12	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
2-Hexanone	591-78-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Acetone	67-64-1	0.05	100	< 0.0046	0.00460	< 0.0054	0.00540	< 0.0052	0.00520	< 0.0051	0.00510	< 0.0047	0.00470	< 0.0047	0.00470
Acrolein	107-02-8	~	~	< 0.0046	0.00460	< 0.0054	0.00540	< 0.0052	0.00520	< 0.0051	0.00510	< 0.0047	0.00470	< 0.0047	0.00470
Acrylonitrile	107-13-1	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Benzene	71-43-2	0.06	2.9	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Bromochloromethane	74-97-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Bromodichloromethane	75-27-4	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Bromoform	75-25-2	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Bromomethane	74-83-9	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Carbon disulfide	75-15-0	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix															
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Chlorobenzene	108-90-7	1.1	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Chloroethane	75-00-3	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Chloroform	67-66-3	0.37	10	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Chloromethane	74-87-3	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Cyclohexane	110-82-7	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Dibromochloromethane	124-48-1	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Dibromomethane	74-95-3	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Dichlorodifluoromethane	75-71-8	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Ethyl Benzene	100-41-4	1	30	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Hexachlorobutadiene	87-68-3	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Isopropylbenzene	98-82-8	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Methyl acetate	79-20-9	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Methylcyclohexane	108-87-2	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Methylene chloride	75-09-2	0.05	51	< 0.0046	0.00460	< 0.0054	0.00540	< 0.0052	0.00520	< 0.0051	0.00510	< 0.0047	0.00470	< 0.0047	0.00470
n-Butylbenzene	104-51-8	12	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
n-Propylbenzene	103-65-1	3.9	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
o-Xylene	95-47-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
p- & m- Xylenes	179601-23-1	~	~	< 0.0046	0.00460	< 0.0054	0.00540	< 0.0052	0.00520	< 0.0051	0.00510	< 0.0047	0.00470	< 0.0047	0.00470
p-Isopropyltoluene	99-87-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
sec-Butylbenzene	135-98-8	11	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Styrene	100-42-5	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
tert-Butylbenzene	98-06-6	5.9	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Toluene	108-88-3	0.7	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Trichloroethylene	79-01-6	0.47	10	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Trichlorofluoromethane	75-69-4	~	~	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0023	0.00230	< 0.0027	0.00270	< 0.0026	0.00260	< 0.0025	0.00250	< 0.0024	0.00240	< 0.0024	0.00240
Xylenes, Total	1330-20-7	0.26	100	< 0.0069	0.00690	< 0.0081	0.00810	< 0.0078	0.00780	< 0.0076	0.00760	< 0.0071	0.00710	< 0.0071	0.00710

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2-Dibromoethane	106-93-4	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,2-Dichloropropane	78-87-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
1,4-Dioxane	123-91-1	0.1	9.8	< 0.065	0.06500	< 0.047	0.04700	< 0.047	0.04700	< 0.048	0.04800	< 0.049	0.04900	< 0.046	0.04600
2-Butanone	78-93-3	0.12	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
2-Hexanone	591-78-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Acetone	67-64-1	0.05	100	< 0.0065	0.00650	0.0210	0.0047	< 0.0047	0.00470	< 0.0048	0.00480	< 0.0049	0.00490	< 0.0046	0.00460
Acrolein	107-02-8	~	~	< 0.0065	0.00650	< 0.0047	0.00470	< 0.0047	0.00470	< 0.0048	0.00480	< 0.0049	0.00490	< 0.0046	0.00460
Acrylonitrile	107-13-1	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Benzene	71-43-2	0.06	2.9	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Bromochloromethane	74-97-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Bromodichloromethane	75-27-4	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Bromoform	75-25-2	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Bromomethane	74-83-9	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Carbon disulfide	75-15-0	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix															
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Chlorobenzene	108-90-7	1.1	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Chloroethane	75-00-3	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Chloroform	67-66-3	0.37	10	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Chloromethane	74-87-3	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Cyclohexane	110-82-7	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Dibromochloromethane	124-48-1	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Dibromomethane	74-95-3	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Dichlorodifluoromethane	75-71-8	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Ethyl Benzene	100-41-4	1	30	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Hexachlorobutadiene	87-68-3	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Isopropylbenzene	98-82-8	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Methyl acetate	79-20-9	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Methylcyclohexane	108-87-2	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Methylene chloride	75-09-2	0.05	51	< 0.0065	0.00650	< 0.0047	0.00470	< 0.0047	0.00470	< 0.0048	0.00480	< 0.0049	0.00490	< 0.0046	0.00460
n-Butylbenzene	104-51-8	12	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
n-Propylbenzene	103-65-1	3.9	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
o-Xylene	95-47-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
p- & m- Xylenes	179601-23-1	~	~	< 0.0065	0.00650	< 0.0047	0.00470	< 0.0047	0.00470	< 0.0048	0.00480	< 0.0049	0.00490	< 0.0046	0.00460
p-Isopropyltoluene	99-87-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
sec-Butylbenzene	135-98-8	11	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Styrene	100-42-5	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
tert-Butylbenzene	98-06-6	5.9	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Toluene	108-88-3	0.7	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Trichloroethylene	79-01-6	0.47	10	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Trichlorofluoromethane	75-69-4	~	~	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0033	0.00330	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230
Xylenes, Total	1330-20-7	0.26	100	< 0.0098	0.00980	< 0.007	0.00700	< 0.007	0.00700	< 0.0072	0.00720	< 0.0074	0.00740	< 0.0068	0.00680

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2-Dibromoethane	106-93-4	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,2-Dichloropropane	78-87-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
1,4-Dioxane	123-91-1	0.1	9.8	< 0.066	0.06600	< 0.041	0.04100	< 0.047	0.04700	< 0.046	0.04600	< 0.046	0.04600	< 0.047	0.04700
2-Butanone	78-93-3	0.12	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
2-Hexanone	591-78-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Acetone	67-64-1	0.05	100	< 0.0066	0.00660	< 0.0041	0.00410	< 0.0047	0.00470	0.056	0.0046	< 0.0046	0.00460	0.0260	0.0047
Acrolein	107-02-8	~	~	< 0.0066	0.00660	< 0.0041	0.00410	< 0.0047	0.00470	< 0.0046	0.00460	< 0.0046	0.00460	< 0.0047	0.00470
Acrylonitrile	107-13-1	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Benzene	71-43-2	0.06	2.9	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Bromochloromethane	74-97-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Bromodichloromethane	75-27-4	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Bromoform	75-25-2	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Bromomethane	74-83-9	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Carbon disulfide	75-15-0	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix	CAS Number														
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Chlorobenzene	108-90-7	1.1	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Chloroethane	75-00-3	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Chloroform	67-66-3	0.37	10	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Chloromethane	74-87-3	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Cyclohexane	110-82-7	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Dibromochloromethane	124-48-1	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Dibromomethane	74-95-3	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Dichlorodifluoromethane	75-71-8	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Ethyl Benzene	100-41-4	1	30	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Hexachlorobutadiene	87-68-3	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Isopropylbenzene	98-82-8	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Methyl acetate	79-20-9	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Methylcyclohexane	108-87-2	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Methylene chloride	75-09-2	0.05	51	< 0.0066	0.00660	< 0.0041	0.00410	< 0.0047	0.00470	< 0.0046	0.00460	< 0.0046	0.00460	< 0.0047	0.00470
n-Butylbenzene	104-51-8	12	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
n-Propylbenzene	103-65-1	3.9	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
o-Xylene	95-47-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
p- & m- Xylenes	179601-23-1	~	~	< 0.0066	0.00660	< 0.0041	0.00410	< 0.0047	0.00470	< 0.0046	0.00460	< 0.0046	0.00460	< 0.0047	0.00470
p-Isopropyltoluene	99-87-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
sec-Butylbenzene	135-98-8	11	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Styrene	100-42-5	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
tert-Butylbenzene	98-06-6	5.9	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Toluene	108-88-3	0.7	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Trichloroethylene	79-01-6	0.47	10	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Trichlorofluoromethane	75-69-4	~	~	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0033	0.00330	< 0.0021	0.00210	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0023	0.00230	< 0.0024	0.00240
Xylenes, Total	1330-20-7	0.26	100	< 0.0099	0.00990	< 0.0062	0.00620	< 0.007	0.00700	< 0.0069	0.00690	< 0.0069	0.00690	< 0.0071	0.00710

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2-Dibromoethane	106-93-4	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,2-Dichloropropane	78-87-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
1,4-Dioxane	123-91-1	0.1	9.8	< 0.048	0.04800	< 0.05	0.05000	< 0.045	0.04500	< 0.051	0.05100	< 0.052	0.05200	< 0.049	0.04900
2-Butanone	78-93-3	0.12	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
2-Hexanone	591-78-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Acetone	67-64-1	0.05	100	< 0.0048	0.00480	< 0.005	0.00500	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0052	0.00520	< 0.0049	0.00490
Acrolein	107-02-8	~	~	< 0.0048	0.00480	< 0.005	0.00500	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0052	0.00520	< 0.0049	0.00490
Acrylonitrile	107-13-1	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Benzene	71-43-2	0.06	2.9	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Bromochloromethane	74-97-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Bromodichloromethane	75-27-4	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Bromoform	75-25-2	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Bromomethane	74-83-9	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Carbon disulfide	75-15-0	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Chlorobenzene	108-90-7	1.1	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Chloroethane	75-00-3	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Chloroform	67-66-3	0.37	10	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Chloromethane	74-87-3	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Cyclohexane	110-82-7	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Dibromochloromethane	124-48-1	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Dibromomethane	74-95-3	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Dichlorodifluoromethane	75-71-8	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Ethyl Benzene	100-41-4	1	30	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Hexachlorobutadiene	87-68-3	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Isopropylbenzene	98-82-8	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Methyl acetate	79-20-9	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Methylcyclohexane	108-87-2	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Methylene chloride	75-09-2	0.05	51	< 0.0048	0.00480	< 0.005	0.00500	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0052	0.00520	< 0.0049	0.00490
n-Butylbenzene	104-51-8	12	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
n-Propylbenzene	103-65-1	3.9	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
o-Xylene	95-47-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
p- & m- Xylenes	179601-23-1	~	~	< 0.0048	0.00480	< 0.005	0.00500	< 0.0045	0.00450	< 0.0051	0.00510	< 0.0052	0.00520	< 0.0049	0.00490
p-Isopropyltoluene	99-87-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
sec-Butylbenzene	135-98-8	11	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Styrene	100-42-5	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
tert-Butylbenzene	98-06-6	5.9	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Tetrachloroethylene	127-18-4	1.3	5.5	0.00550	0.00240	< 0.0025	0.00250	0.0043 J	0.00230	0.0029 J	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Toluene	108-88-3	0.7	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Trichloroethylene	79-01-6	0.47	10	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Trichlorofluoromethane	75-69-4	~	~	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0024	0.00240	< 0.0025	0.00250	< 0.0023	0.00230	< 0.0026	0.00260	< 0.0026	0.00260	< 0.0025	0.00250
Xylenes, Total	1330-20-7	0.26	100	< 0.0072	0.00720	< 0.0074	0.00740	< 0.0068	0.00680	< 0.0077	0.00770	< 0.0079	0.00790	< 0.0074	0.00740

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-31		EP-32		EP-33		EP-34		EP-35		EP-36	
Sample Depth	Sample Date			12 - 15 ft. bgs 5/14/2024		12 - 15 ft. bgs 5/13/2024		12 - 15 ft. bgs 6/7/2024		12 - 15 ft. bgs 6/7/2024		12 - 15 ft. bgs 5/13/2024		12 - 15 ft. bgs 5/13/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2-Dibromoethane	106-93-4	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,2-Dichloropropane	78-87-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
1,4-Dioxane	123-91-1	0.1	9.8	< 0.053	0.05300	< 0.05	0.05000	< 0.053	0.05300	< 0.057	0.05700	< 0.058	0.05800	< 0.051	0.05100
2-Butanone	78-93-3	0.12	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
2-Hexanone	591-78-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Acetone	67-64-1	0.05	100	< 0.0053	0.00530	< 0.005	0.00500	< 0.0053	0.00530	< 0.0057	0.00570	< 0.0058	0.00580	< 0.0051	0.00510
Acrolein	107-02-8	~	~	< 0.0053	0.00530	< 0.005	0.00500	< 0.0053	0.00530	< 0.0057	0.00570	< 0.0058	0.00580	< 0.0051	0.00510
Acrylonitrile	107-13-1	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Benzene	71-43-2	0.06	2.9	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Bromochloromethane	74-97-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Bromodichloromethane	75-27-4	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Bromoform	75-25-2	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Bromomethane	74-83-9	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Carbon disulfide	75-15-0	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix	CAS Number														
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Chlorobenzene	108-90-7	1.1	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Chloroethane	75-00-3	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Chloroform	67-66-3	0.37	10	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Chloromethane	74-87-3	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Cyclohexane	110-82-7	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Dibromochloromethane	124-48-1	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Dibromomethane	74-95-3	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Dichlorodifluoromethane	75-71-8	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Ethyl Benzene	100-41-4	1	30	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Hexachlorobutadiene	87-68-3	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Isopropylbenzene	98-82-8	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Methyl acetate	79-20-9	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Methylcyclohexane	108-87-2	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Methylene chloride	75-09-2	0.05	51	< 0.0053	0.00530	< 0.005	0.00500	< 0.0053	0.00530	< 0.0057	0.00570	< 0.0058	0.00580	< 0.0051	0.00510
n-Butylbenzene	104-51-8	12	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
n-Propylbenzene	103-65-1	3.9	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
o-Xylene	95-47-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
p- & m- Xylenes	179601-23-1	~	~	< 0.0053	0.00530	< 0.005	0.00500	< 0.0053	0.00530	< 0.0057	0.00570	< 0.0058	0.00580	< 0.0051	0.00510
p-Isopropyltoluene	99-87-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
sec-Butylbenzene	135-98-8	11	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Styrene	100-42-5	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
tert-Butylbenzene	98-06-6	5.9	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Toluene	108-88-3	0.7	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Trichloroethylene	79-01-6	0.47	10	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Trichlorofluoromethane	75-69-4	~	~	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0027	0.00270	< 0.0025	0.00250	< 0.0026	0.00260	< 0.0029	0.00290	< 0.0029	0.00290	< 0.0025	0.00250
Xylenes, Total	1330-20-7	0.26	100	< 0.008	0.00800	< 0.0075	0.00750	< 0.0079	0.00790	< 0.0086	0.00860	< 0.0087	0.00870	< 0.0076	0.00760

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
VOC, 8260 MASTER															
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1,2-Trichloroethane	79-00-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1-Dichloroethane	75-34-3	0.27	19	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2,3-Trichloropropane	96-18-4	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.003	0.00300	< 0.0025	0.00250	86	1.20000	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2-Dibromoethane	106-93-4	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,2-Dichloropropane	78-87-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.003	0.00300	< 0.0025	0.00250	23	0.24000	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
1,4-Dioxane	123-91-1	0.1	9.8	< 0.06	0.06000	< 0.05	0.05000	< 0.05	0.05000	< 0.034	0.03400	< 0.043	0.04300	< 0.045	0.04500
2-Butanone	78-93-3	0.12	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
2-Hexanone	591-78-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
4-Methyl-2-pentanone	108-10-1	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Acetone	67-64-1	0.05	100	< 0.006	0.00600	< 0.005	0.00500	0.0160	0.0050	< 0.0034	0.00340	< 0.0043	0.00430	0.017	0.005
Acrolein	107-02-8	~	~	< 0.006	0.00600	< 0.005	0.00500	< 0.005	0.00500	< 0.0034	0.00340	< 0.0043	0.00430	< 0.0045	0.00450
Acrylonitrile	107-13-1	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Benzene	71-43-2	0.06	2.9	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Bromochloromethane	74-97-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Bromodichloromethane	75-27-4	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Bromoform	75-25-2	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Bromomethane	74-83-9	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Carbon disulfide	75-15-0	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix															
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOC, 8260 MASTER															
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Chlorobenzene	108-90-7	1.1	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Chloroethane	75-00-3	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Chloroform	67-66-3	0.37	10	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Chloromethane	74-87-3	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.003	0.00300	< 0.0025	0.00250	0.91	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Cyclohexane	110-82-7	~	~	< 0.003	0.00300	< 0.0025	0.00250	0.0310	0.0025	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Dibromochloromethane	124-48-1	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Dibromomethane	74-95-3	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Dichlorodifluoromethane	75-71-8	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Ethyl Benzene	100-41-4	1	30	< 0.003	0.00300	< 0.0025	0.00250	4.4	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Hexachlorobutadiene	87-68-3	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Isopropylbenzene	98-82-8	~	~	< 0.003	0.00300	< 0.0025	0.00250	2.700	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Methyl acetate	79-20-9	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Methylcyclohexane	108-87-2	~	~	< 0.003	0.00300	< 0.0025	0.00250	1.100	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Methylene chloride	75-09-2	0.05	51	< 0.006	0.00600	< 0.005	0.00500	0.0065 J	0.00500	< 0.0034	0.00340	< 0.0043	0.00430	< 0.0045	0.00450
n-Butylbenzene	104-51-8	12	100	< 0.003	0.00300	< 0.0025	0.00250	8.600	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
n-Propylbenzene	103-65-1	3.9	100	< 0.003	0.00300	< 0.0025	0.00250	9.9	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
o-Xylene	95-47-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	1.500	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
p- & m- Xylenes	179601-23-1	~	~	< 0.006	0.00600	< 0.005	0.00500	1.700	0.480	< 0.0034	0.00340	< 0.0043	0.00430	< 0.0045	0.00450
p-Isopropyltoluene	99-87-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	2.800	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
sec-Butylbenzene	135-98-8	11	100	< 0.003	0.00300	< 0.0025	0.00250	4.900	0.240	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Styrene	100-42-5	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
tert-Butylbenzene	98-06-6	5.9	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Toluene	108-88-3	0.7	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Trichloroethylene	79-01-6	0.47	10	< 0.003	0.00300	< 0.0025	0.00250	0.0150	0.0025	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Trichlorofluoromethane	75-69-4	~	~	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Vinyl Chloride	75-01-4	0.02	0.21	< 0.003	0.00300	< 0.0025	0.00250	< 0.0025	0.00250	< 0.0017	0.00170	< 0.0022	0.00220	< 0.0022	0.00220
Xylenes, Total	1330-20-7	0.26	100	< 0.0089	0.00890	< 0.0076	0.00760	3.2	0.720	< 0.0052	0.00520	< 0.0065	0.00650	< 0.0067	0.00670

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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			Result	LOD	Result	LOD
				mg/kg		mg/kg	
				mg/kg		mg/kg	
VOC, 8260 MASTER							
1,1,1,2-Tetrachloroethane	630-20-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,1,1-Trichloroethane	71-55-6	0.68	100	< 0.0023	0.00230	< 0.0022	0.00220
1,1,2,2-Tetrachloroethane	79-34-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,1,2-Trichloroethane	79-00-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,1-Dichloroethane	75-34-3	0.27	19	< 0.0023	0.00230	< 0.0022	0.00220
1,1-Dichloroethylene	75-35-4	0.33	100	< 0.0023	0.00230	< 0.0022	0.00220
1,2,3-Trichlorobenzene	87-61-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,2,3-Trichloropropane	96-18-4	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,2,4-Trichlorobenzene	120-82-1	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,2,4-Trimethylbenzene	95-63-6	3.6	47	< 0.0023	0.00230	< 0.0022	0.00220
1,2-Dibromo-3-chloropropane	96-12-8	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,2-Dibromoethane	106-93-4	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,2-Dichlorobenzene	95-50-1	1.1	100	< 0.0023	0.00230	< 0.0022	0.00220
1,2-Dichloroethane	107-06-2	0.02	2.3	< 0.0023	0.00230	< 0.0022	0.00220
1,2-Dichloropropane	78-87-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
1,3,5-Trimethylbenzene	108-67-8	8.4	47	< 0.0023	0.00230	< 0.0022	0.00220
1,3-Dichlorobenzene	541-73-1	2.4	17	< 0.0023	0.00230	< 0.0022	0.00220
1,4-Dichlorobenzene	106-46-7	1.8	9.8	< 0.0023	0.00230	< 0.0022	0.00220
1,4-Dioxane	123-91-1	0.1	9.8	< 0.046	0.04600	< 0.045	0.04500
2-Butanone	78-93-3	0.12	100	< 0.0023	0.00230	< 0.0022	0.00220
2-Hexanone	591-78-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
4-Methyl-2-pentanone	108-10-1	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Acetone	67-64-1	0.05	100	< 0.0046	0.00460	< 0.0045	0.00450
Acrolein	107-02-8	~	~	< 0.0046	0.00460	< 0.0045	0.00450
Acrylonitrile	107-13-1	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Benzene	71-43-2	0.06	2.9	< 0.0023	0.00230	< 0.0022	0.00220
Bromochloromethane	74-97-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Bromodichloromethane	75-27-4	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Bromoform	75-25-2	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Bromomethane	74-83-9	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Carbon disulfide	75-15-0	~	~	< 0.0023	0.00230	< 0.0022	0.00220

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Sample Depth	CAS Number			Result	LOD	Result	LOD
Sample Date							
Sample Matrix							
Compound	CAS Number	mg/kg	mg/kg	mg/kg		mg/kg	
VOC, 8260 MASTER							
Carbon tetrachloride	56-23-5	0.76	1.4	< 0.0023	0.00230	< 0.0022	0.00220
Chlorobenzene	108-90-7	1.1	100	< 0.0023	0.00230	< 0.0022	0.00220
Chloroethane	75-00-3	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Chloroform	67-66-3	0.37	10	< 0.0023	0.00230	< 0.0022	0.00220
Chloromethane	74-87-3	~	~	< 0.0023	0.00230	< 0.0022	0.00220
cis-1,2-Dichloroethylene	156-59-2	0.25	59	< 0.0023	0.00230	< 0.0022	0.00220
cis-1,3-Dichloropropylene	10061-01-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Cyclohexane	110-82-7	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Dibromochloromethane	124-48-1	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Dibromomethane	74-95-3	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Dichlorodifluoromethane	75-71-8	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Ethyl Benzene	100-41-4	1	30	< 0.0023	0.00230	< 0.0022	0.00220
Hexachlorobutadiene	87-68-3	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Isopropylbenzene	98-82-8	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Methyl acetate	79-20-9	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0023	0.00230	< 0.0022	0.00220
Methylcyclohexane	108-87-2	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Methylene chloride	75-09-2	0.05	51	< 0.0046	0.00460	< 0.0045	0.00450
n-Butylbenzene	104-51-8	12	100	< 0.0023	0.00230	< 0.0022	0.00220
n-Propylbenzene	103-65-1	3.9	100	< 0.0023	0.00230	< 0.0022	0.00220
o-Xylene	95-47-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
p- & m- Xylenes	179601-23-1	~	~	< 0.0046	0.00460	< 0.0045	0.00450
p-Isopropyltoluene	99-87-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
sec-Butylbenzene	135-98-8	11	100	< 0.0023	0.00230	< 0.0022	0.00220
Styrene	100-42-5	~	~	< 0.0023	0.00230	< 0.0022	0.00220
tert-Butyl alcohol (TBA)	75-65-0	~	~	< 0.0023	0.00230	< 0.0022	0.00220
tert-Butylbenzene	98-06-6	5.9	100	< 0.0023	0.00230	< 0.0022	0.00220
Tetrachloroethylene	127-18-4	1.3	5.5	< 0.0023	0.00230	< 0.0022	0.00220
Toluene	108-88-3	0.7	100	< 0.0023	0.00230	< 0.0022	0.00220
trans-1,2-Dichloroethylene	156-60-5	0.19	100	< 0.0023	0.00230	< 0.0022	0.00220
trans-1,3-Dichloropropylene	10061-02-6	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Trichloroethylene	79-01-6	0.47	10	< 0.0023	0.00230	< 0.0022	0.00220
Trichlorofluoromethane	75-69-4	~	~	< 0.0023	0.00230	< 0.0022	0.00220
Vinyl Chloride	75-01-4	0.02	0.21	< 0.0023	0.00230	< 0.0022	0.00220
Xylenes, Total	1330-20-7	0.26	100	< 0.0069	0.00690	< 0.0067	0.00670

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,4-Dichlorophenol	120-83-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,4-Dimethylphenol	105-67-9	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,4-Dinitrophenol	51-28-5	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2-Chloronaphthalene	91-58-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2-Chlorophenol	95-57-8	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2-Methylnaphthalene	91-57-6	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2-Methylphenol	95-48-7	0.33	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
2-Nitroaniline	88-74-4	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
2-Nitrophenol	88-75-5	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
3-Nitroaniline	99-09-2	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
4-Chloroaniline	106-47-8	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
4-Nitroaniline	100-01-6	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
4-Nitrophenol	100-02-7	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Acenaphthylene	208-96-8	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Acetophenone	98-86-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Aniline	62-53-3	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000
Anthracene	120-12-7	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Atrazine	1912-24-9	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzaldehyde	100-52-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzidine	92-87-5	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000
Benzo(a)anthracene	56-55-3	1	1	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzo(a)pyrene	50-32-8	1	1	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzoic acid	65-85-0	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzyl alcohol	100-51-6	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Benzyl butyl phthalate	85-68-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Caprolactam	105-60-2	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
Carbazole	86-74-8	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Chrysene	218-01-9	1	1	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Diethyl phthalate	84-66-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Dimethyl phthalate	131-11-3	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Di-n-butyl phthalate	84-74-2	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Di-n-octyl phthalate	117-84-0	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Diphenylamine	122-39-4	~	~	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0901	0.09010	< 0.0901	0.09010
Fluoranthene	206-44-0	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Fluorene	86-73-7	30	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Hexachlorobutadiene	87-68-3	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Hexachloroethane	67-72-1	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Isophorone	78-59-1	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Naphthalene	91-20-3	12	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Nitrobenzene	98-95-3	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Phenanthrene	85-01-8	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Phenol	108-95-2	0.33	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Pyrene	129-00-0	100	100	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0452	0.04520	< 0.0452	0.04520
Pyridine	110-86-1	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-06 12 ft. bgs 5/17/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,4-Dichlorophenol	120-83-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,4-Dimethylphenol	105-67-9	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,4-Dinitrophenol	51-28-5	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2-Chloronaphthalene	91-58-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2-Chlorophenol	95-57-8	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2-Methylnaphthalene	91-57-6	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2-Methylphenol	95-48-7	0.33	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
2-Nitroaniline	88-74-4	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
2-Nitrophenol	88-75-5	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
3-Nitroaniline	99-09-2	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
4-Chloroaniline	106-47-8	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
4-Nitroaniline	100-01-6	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
4-Nitrophenol	100-02-7	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-06 12 ft. bgs 5/17/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Acenaphthylene	208-96-8	100	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Acetophenone	98-86-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Aniline	62-53-3	~	~	< 0.175	0.1750	< 0.176	0.17600	< 0.178	0.17800	< 0.182	0.1820	< 0.178	0.17800
Anthracene	120-12-7	100	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Atrazine	1912-24-9	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzaldehyde	100-52-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzidine	92-87-5	~	~	< 0.175	0.1750	< 0.176	0.17600	< 0.178	0.17800	< 0.182	0.1820	< 0.178	0.17800
Benzo(a)anthracene	56-55-3	1	1	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzo(a)pyrene	50-32-8	1	1	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzoic acid	65-85-0	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzyl alcohol	100-51-6	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Benzyl butyl phthalate	85-68-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Caprolactam	105-60-2	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
Carbazole	86-74-8	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Chrysene	218-01-9	1	1	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-06 12 ft. bgs 5/17/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Diethyl phthalate	84-66-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Dimethyl phthalate	131-11-3	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Di-n-butyl phthalate	84-74-2	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Di-n-octyl phthalate	117-84-0	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Diphenylamine	122-39-4	~	~	< 0.0872	0.0872	< 0.0881	0.08810	< 0.0891	0.08910	< 0.0907	0.0907	< 0.0889	0.08890
Fluoranthene	206-44-0	100	100	0.0739 J	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Fluorene	86-73-7	30	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Hexachlorobutadiene	87-68-3	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Hexachloroethane	67-72-1	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Isophorone	78-59-1	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Naphthalene	91-20-3	12	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Nitrobenzene	98-95-3	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Phenanthrene	85-01-8	100	100	0.0481 J	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Phenol	108-95-2	0.33	100	< 0.0437	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Pyrene	129-00-0	100	100	0.0558 J	0.0437	< 0.0442	0.04420	< 0.0447	0.04470	< 0.0455	0.0455	< 0.0446	0.04460
Pyridine	110-86-1	~	~	< 0.175	0.1750	< 0.176	0.17600	< 0.178	0.17800	< 0.182	0.1820	< 0.178	0.17800

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-11 12 ft. bgs 5/13/2024 Soil		EP-12 12 ft. bgs 6/7/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,4-Dichlorophenol	120-83-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,4-Dimethylphenol	105-67-9	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,4-Dinitrophenol	51-28-5	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2-Chloronaphthalene	91-58-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2-Chlorophenol	95-57-8	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2-Methylnaphthalene	91-57-6	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2-Methylphenol	95-48-7	0.33	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
2-Nitroaniline	88-74-4	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
2-Nitrophenol	88-75-5	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
3-Nitroaniline	99-09-2	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
4-Chloroaniline	106-47-8	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
4-Nitroaniline	100-01-6	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
4-Nitrophenol	100-02-7	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-11 12 ft. bgs 5/13/2024 Soil		EP-12 12 ft. bgs 6/7/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Acenaphthylene	208-96-8	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Acetophenone	98-86-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Aniline	62-53-3	~	~	< 0.175	0.17500	< 0.181	0.18100	< 0.18	0.18000	< 0.18	0.18000	< 0.178	0.17800
Anthracene	120-12-7	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Atrazine	1912-24-9	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzaldehyde	100-52-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzidine	92-87-5	~	~	< 0.175	0.17500	< 0.181	0.18100	< 0.18	0.18000	< 0.18	0.18000	< 0.178	0.17800
Benzo(a)anthracene	56-55-3	1	1	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzo(a)pyrene	50-32-8	1	1	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzoic acid	65-85-0	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzyl alcohol	100-51-6	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Benzyl butyl phthalate	85-68-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Caprolactam	105-60-2	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
Carbazole	86-74-8	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Chrysene	218-01-9	1	1	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-11 12 ft. bgs 5/13/2024 Soil		EP-12 12 ft. bgs 6/7/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Diethyl phthalate	84-66-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Dimethyl phthalate	131-11-3	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Di-n-butyl phthalate	84-74-2	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Di-n-octyl phthalate	117-84-0	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Diphenylamine	122-39-4	~	~	< 0.0876	0.08760	< 0.0905	0.09050	< 0.0897	0.08970	< 0.0897	0.08970	< 0.089	0.08900
Fluoranthene	206-44-0	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Fluorene	86-73-7	30	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Hexachlorobutadiene	87-68-3	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Hexachloroethane	67-72-1	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Isophorone	78-59-1	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Naphthalene	91-20-3	12	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Nitrobenzene	98-95-3	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Phenanthrene	85-01-8	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Phenol	108-95-2	0.33	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Pyrene	129-00-0	100	100	< 0.0439	0.04390	< 0.0454	0.04540	< 0.0449	0.04490	< 0.045	0.04500	< 0.0446	0.04460
Pyridine	110-86-1	~	~	< 0.175	0.17500	< 0.181	0.18100	< 0.18	0.18000	< 0.18	0.18000	< 0.178	0.17800

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-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		EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,4-Dichlorophenol	120-83-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,4-Dimethylphenol	105-67-9	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,4-Dinitrophenol	51-28-5	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2-Chloronaphthalene	91-58-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2-Chlorophenol	95-57-8	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2-Methylnaphthalene	91-57-6	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2-Methylphenol	95-48-7	0.33	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
2-Nitroaniline	88-74-4	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
2-Nitrophenol	88-75-5	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
3-Nitroaniline	99-09-2	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
4-Chloroaniline	106-47-8	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
4-Nitroaniline	100-01-6	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
4-Nitrophenol	100-02-7	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-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		EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Acenaphthylene	208-96-8	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Acetophenone	98-86-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Aniline	62-53-3	~	~	< 0.181	0.18100	< 0.176	0.17600	< 0.176	0.17600	< 0.176	0.17600	< 0.18	0.18000
Anthracene	120-12-7	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Atrazine	1912-24-9	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzaldehyde	100-52-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzidine	92-87-5	~	~	< 0.181	0.18100	< 0.176	0.17600	< 0.176	0.17600	< 0.176	0.17600	< 0.18	0.18000
Benzo(a)anthracene	56-55-3	1	1	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzo(a)pyrene	50-32-8	1	1	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzoic acid	65-85-0	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzyl alcohol	100-51-6	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Benzyl butyl phthalate	85-68-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Caprolactam	105-60-2	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
Carbazole	86-74-8	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Chrysene	218-01-9	1	1	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-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		EP-19 12 ft. bgs 5/14/2024 Soil		EP-20 12 ft. bgs 5/28/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Diethyl phthalate	84-66-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Dimethyl phthalate	131-11-3	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Di-n-butyl phthalate	84-74-2	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Di-n-octyl phthalate	117-84-0	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Diphenylamine	122-39-4	~	~	< 0.0903	0.09030	< 0.0879	0.08790	< 0.088	0.08800	< 0.0881	0.08810	< 0.0899	0.08990
Fluoranthene	206-44-0	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Fluorene	86-73-7	30	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Hexachlorobutadiene	87-68-3	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Hexachloroethane	67-72-1	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Isophorone	78-59-1	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Naphthalene	91-20-3	12	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Nitrobenzene	98-95-3	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Phenanthrene	85-01-8	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Phenol	108-95-2	0.33	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Pyrene	129-00-0	100	100	< 0.0453	0.04530	< 0.044	0.04400	< 0.0441	0.04410	< 0.0441	0.04410	< 0.0451	0.04510
Pyridine	110-86-1	~	~	< 0.181	0.18100	< 0.176	0.17600	< 0.176	0.17600	< 0.176	0.17600	< 0.18	0.18000

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-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		EP-25 12-15 ft. bgs 5/16/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,4-Dichlorophenol	120-83-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,4-Dimethylphenol	105-67-9	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,4-Dinitrophenol	51-28-5	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2-Chloronaphthalene	91-58-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2-Chlorophenol	95-57-8	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2-Methylnaphthalene	91-57-6	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2-Methylphenol	95-48-7	0.33	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
2-Nitroaniline	88-74-4	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
2-Nitrophenol	88-75-5	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
3-Nitroaniline	99-09-2	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
4-Chloroaniline	106-47-8	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
4-Nitroaniline	100-01-6	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
4-Nitrophenol	100-02-7	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-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		EP-25 12-15 ft. bgs 5/16/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Acenaphthylene	208-96-8	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Acetophenone	98-86-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Aniline	62-53-3	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000
Anthracene	120-12-7	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Atrazine	1912-24-9	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzaldehyde	100-52-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzidine	92-87-5	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000
Benzo(a)anthracene	56-55-3	1	1	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzo(a)pyrene	50-32-8	1	1	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzoic acid	65-85-0	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzyl alcohol	100-51-6	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Benzyl butyl phthalate	85-68-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Caprolactam	105-60-2	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
Carbazole	86-74-8	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Chrysene	218-01-9	1	1	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-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		EP-25 12-15 ft. bgs 5/16/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Diethyl phthalate	84-66-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Dimethyl phthalate	131-11-3	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Di-n-butyl phthalate	84-74-2	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Di-n-octyl phthalate	117-84-0	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Diphenylamine	122-39-4	~	~	< 0.0902	0.09020	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0904	0.09040	< 0.0897	0.08970
Fluoranthene	206-44-0	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Fluorene	86-73-7	30	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Hexachlorobutadiene	87-68-3	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Hexachloroethane	67-72-1	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Isophorone	78-59-1	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Naphthalene	91-20-3	12	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Nitrobenzene	98-95-3	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Phenanthrene	85-01-8	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Phenol	108-95-2	0.33	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Pyrene	129-00-0	100	100	< 0.0452	0.04520	< 0.0453	0.04530	< 0.0453	0.04530	< 0.0453	0.04530	< 0.045	0.04500
Pyridine	110-86-1	~	~	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.181	0.18100	< 0.18	0.18000

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,4-Dichlorophenol	120-83-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,4-Dimethylphenol	105-67-9	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,4-Dinitrophenol	51-28-5	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2-Chloronaphthalene	91-58-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2-Chlorophenol	95-57-8	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2-Methylnaphthalene	91-57-6	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2-Methylphenol	95-48-7	0.33	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
2-Nitroaniline	88-74-4	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
2-Nitrophenol	88-75-5	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
3-Nitroaniline	99-09-2	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
4-Chloroaniline	106-47-8	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
4-Nitroaniline	100-01-6	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
4-Nitrophenol	100-02-7	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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-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	
Sample Date				5/16/2024		5/17/2024		5/10/2024		5/10/2024		5/14/2024	
Sample Matrix				Soil		Soil		Soil		Soil		Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Acenaphthylene	208-96-8	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Acetophenone	98-86-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Aniline	62-53-3	~	~	< 0.179	0.17900	< 0.18	0.18000	< 0.18	0.18000	< 0.176	0.17600	< 0.185	0.18500
Anthracene	120-12-7	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Atrazine	1912-24-9	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzaldehyde	100-52-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzidine	92-87-5	~	~	< 0.179	0.17900	< 0.18	0.18000	< 0.18	0.18000	< 0.176	0.17600	< 0.185	0.18500
Benzo(a)anthracene	56-55-3	1	1	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzo(a)pyrene	50-32-8	1	1	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzoic acid	65-85-0	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzyl alcohol	100-51-6	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Benzyl butyl phthalate	85-68-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Caprolactam	105-60-2	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
Carbazole	86-74-8	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Chrysene	218-01-9	1	1	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Diethyl phthalate	84-66-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Dimethyl phthalate	131-11-3	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Di-n-butyl phthalate	84-74-2	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Di-n-octyl phthalate	117-84-0	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Diphenylamine	122-39-4	~	~	< 0.0895	0.08950	< 0.0899	0.08990	< 0.0899	0.08990	< 0.0877	0.08770	< 0.0925	0.09250
Fluoranthene	206-44-0	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Fluorene	86-73-7	30	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Hexachlorobutadiene	87-68-3	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Hexachloroethane	67-72-1	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Isophorone	78-59-1	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Naphthalene	91-20-3	12	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Nitrobenzene	98-95-3	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Phenanthrene	85-01-8	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Phenol	108-95-2	0.33	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Pyrene	129-00-0	100	100	< 0.0449	0.04490	< 0.045	0.04500	< 0.045	0.04500	< 0.0439	0.04390	< 0.0464	0.04640
Pyridine	110-86-1	~	~	< 0.179	0.17900	< 0.18	0.18000	< 0.18	0.18000	< 0.176	0.17600	< 0.185	0.18500

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,4-Dichlorophenol	120-83-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,4-Dimethylphenol	105-67-9	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,4-Dinitrophenol	51-28-5	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2-Chloronaphthalene	91-58-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2-Chlorophenol	95-57-8	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2-Methylnaphthalene	91-57-6	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2-Methylphenol	95-48-7	0.33	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
2-Nitroaniline	88-74-4	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
2-Nitrophenol	88-75-5	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
3-Nitroaniline	99-09-2	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
4-Chloroaniline	106-47-8	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
4-Nitroaniline	100-01-6	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
4-Nitrophenol	100-02-7	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Acenaphthylene	208-96-8	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Acetophenone	98-86-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Aniline	62-53-3	~	~	< 0.18	0.18000	< 0.173	0.17300	< 0.179	0.17900	< 0.18	0.18000	< 0.182	0.18200
Anthracene	120-12-7	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Atrazine	1912-24-9	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzaldehyde	100-52-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzidine	92-87-5	~	~	< 0.18	0.18000	< 0.173	0.17300	< 0.179	0.17900	< 0.18	0.18000	< 0.182	0.18200
Benzo(a)anthracene	56-55-3	1	1	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzo(a)pyrene	50-32-8	1	1	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzoic acid	65-85-0	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzyl alcohol	100-51-6	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Benzyl butyl phthalate	85-68-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Caprolactam	105-60-2	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
Carbazole	86-74-8	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Chrysene	218-01-9	1	1	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix	CAS Number												
Compound	CAS Number												
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Diethyl phthalate	84-66-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Dimethyl phthalate	131-11-3	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Di-n-butyl phthalate	84-74-2	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Di-n-octyl phthalate	117-84-0	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Diphenylamine	122-39-4	~	~	< 0.09	0.09000	< 0.0866	0.08660	< 0.0893	0.08930	< 0.09	0.09000	< 0.0907	0.09070
Fluoranthene	206-44-0	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Fluorene	86-73-7	30	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Hexachlorobutadiene	87-68-3	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Hexachloroethane	67-72-1	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Isophorone	78-59-1	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Naphthalene	91-20-3	12	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Nitrobenzene	98-95-3	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Phenanthrene	85-01-8	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Phenol	108-95-2	0.33	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Pyrene	129-00-0	100	100	< 0.0451	0.04510	< 0.0434	0.04340	< 0.0447	0.04470	< 0.0451	0.04510	< 0.0454	0.04540
Pyridine	110-86-1	~	~	< 0.18	0.18000	< 0.173	0.17300	< 0.179	0.17900	< 0.18	0.18000	< 0.182	0.18200

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-36 12-15 ft. bgs 5/13/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
1,1-Biphenyl	92-52-4	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	4.150	0.11300	< 0.0443	0.04430
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,4-Dichlorophenol	120-83-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,4-Dimethylphenol	105-67-9	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,4-Dinitrophenol	51-28-5	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2-Chloronaphthalene	91-58-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2-Chlorophenol	95-57-8	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2-Methylnaphthalene	91-57-6	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	40.1	1.13000	< 0.0443	0.04430
2-Methylphenol	95-48-7	0.33	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
2-Nitroaniline	88-74-4	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
2-Nitrophenol	88-75-5	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
3-Nitroaniline	99-09-2	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
4-Chloroaniline	106-47-8	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
4-Nitroaniline	100-01-6	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
4-Nitrophenol	100-02-7	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-36 12-15 ft. bgs 5/13/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Acenaphthene	83-32-9	20	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	1.4	0.04510	< 0.0443	0.04430
Acenaphthylene	208-96-8	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Acetophenone	98-86-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Aniline	62-53-3	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.178	0.17800	< 0.18	0.18000	< 0.177	0.17700
Anthracene	120-12-7	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	0.459	0.04510	< 0.0443	0.04430
Atrazine	1912-24-9	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzaldehyde	100-52-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzidine	92-87-5	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.178	0.17800	< 0.18	0.18000	< 0.177	0.17700
Benzo(a)anthracene	56-55-3	1	1	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzo(a)pyrene	50-32-8	1	1	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzoic acid	65-85-0	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzyl alcohol	100-51-6	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Benzyl butyl phthalate	85-68-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Caprolactam	105-60-2	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
Carbazole	86-74-8	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Chrysene	218-01-9	1	1	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-36 12-15 ft. bgs 5/13/2024 Soil		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	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER													
Dibenzofuran	132-64-9	7	14	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	1.5	0.04510	< 0.0443	0.04430
Diethyl phthalate	84-66-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Dimethyl phthalate	131-11-3	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Di-n-butyl phthalate	84-74-2	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Di-n-octyl phthalate	117-84-0	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Diphenylamine	122-39-4	~	~	< 0.0887	0.08870	< 0.0893	0.08930	< 0.0889	0.08890	< 0.09	0.09000	< 0.0884	0.08840
Fluoranthene	206-44-0	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	0.181	0.04510	< 0.0443	0.04430
Fluorene	86-73-7	30	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	3.52	0.11300	< 0.0443	0.04430
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Hexachlorobutadiene	87-68-3	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Hexachloroethane	67-72-1	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Isophorone	78-59-1	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Naphthalene	91-20-3	12	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	17.2	1.13000	< 0.0443	0.04430
Nitrobenzene	98-95-3	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Phenanthrene	85-01-8	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	6.71	0.11300	< 0.0443	0.04430
Phenol	108-95-2	0.33	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	< 0.0451	0.04510	< 0.0443	0.04430
Pyrene	129-00-0	100	100	< 0.0445	0.04450	< 0.0448	0.04480	< 0.0446	0.04460	0.9	0.04510	< 0.0443	0.04430
Pyridine	110-86-1	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.178	0.17800	< 0.18	0.18000	< 0.177	0.17700

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
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 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-42 12-15 ft. bgs 6/10/2024 Soil		EP-62 12 ft. bgs 6/7/2024 Soil		EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER											
1,1-Biphenyl	92-52-4	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
1,2,4,5-Tetrachlorobenzene	95-94-3	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
1,2-Diphenylhydrazine (as Azobenzene)	122-66-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,3,4,6-Tetrachlorophenol	58-90-2	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
2,4,5-Trichlorophenol	95-95-4	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,4,6-Trichlorophenol	88-06-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,4-Dichlorophenol	120-83-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,4-Dimethylphenol	105-67-9	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,4-Dinitrophenol	51-28-5	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
2,4-Dinitrotoluene	121-14-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2,6-Dinitrotoluene	606-20-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2-Chloronaphthalene	91-58-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2-Chlorophenol	95-57-8	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2-Methylnaphthalene	91-57-6	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2-Methylphenol	95-48-7	0.33	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
2-Nitroaniline	88-74-4	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
2-Nitrophenol	88-75-5	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
3- & 4-Methylphenols	65794-96-9	0.33	34	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
3,3-Dichlorobenzidine	91-94-1	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
3-Nitroaniline	99-09-2	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
4,6-Dinitro-2-methylphenol	534-52-1	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
4-Bromophenyl phenyl ether	101-55-3	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
4-Chloro-3-methylphenol	59-50-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
4-Chloroaniline	106-47-8	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
4-Chlorophenyl phenyl ether	7005-72-3	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
4-Nitroaniline	100-01-6	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
4-Nitrophenol	100-02-7	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-42 12-15 ft. bgs 6/10/2024 Soil		EP-62 12 ft. bgs 6/7/2024 Soil		EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER											
Acenaphthene	83-32-9	20	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Acenaphthylene	208-96-8	100	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Acetophenone	98-86-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Aniline	62-53-3	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.174	0.17400	< 0.174	0.17400
Anthracene	120-12-7	100	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Atrazine	1912-24-9	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzaldehyde	100-52-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzidine	92-87-5	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.174	0.17400	< 0.174	0.17400
Benzo(a)anthracene	56-55-3	1	1	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzo(a)pyrene	50-32-8	1	1	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzo(b)fluoranthene	205-99-2	1	1	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzo(g,h,i)perylene	191-24-2	100	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzo(k)fluoranthene	207-08-9	0.8	1	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzoic acid	65-85-0	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzyl alcohol	100-51-6	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Benzyl butyl phthalate	85-68-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Bis(2-chloroethoxy)methane	111-91-1	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Bis(2-chloroethyl)ether	111-44-4	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Bis(2-chloroisopropyl)ether	108-60-1	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Bis(2-ethylhexyl)phthalate	117-81-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Caprolactam	105-60-2	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
Carbazole	86-74-8	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Chrysene	218-01-9	1	1	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Dibenzo(a,h)anthracene	53-70-3	0.33	0.33	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-42 12-15 ft. bgs 6/10/2024 Soil		EP-62 12 ft. bgs 6/7/2024 Soil		EP-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
SVOC, 8270 MASTER											
Dibenzofuran	132-64-9	7	14	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Diethyl phthalate	84-66-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Dimethyl phthalate	131-11-3	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Di-n-butyl phthalate	84-74-2	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Di-n-octyl phthalate	117-84-0	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Diphenylamine	122-39-4	~	~	< 0.0887	0.08870	< 0.0892	0.08920	< 0.087	0.08700	< 0.087	0.08700
Fluoranthene	206-44-0	100	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Fluorene	86-73-7	30	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Hexachlorobenzene	118-74-1	0.33	0.33	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Hexachlorobutadiene	87-68-3	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Hexachlorocyclopentadiene	77-47-4	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Hexachloroethane	67-72-1	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Indeno(1,2,3-cd)pyrene	193-39-5	0.5	0.5	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Isophorone	78-59-1	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Naphthalene	91-20-3	12	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Nitrobenzene	98-95-3	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
N-Nitrosodimethylamine	62-75-9	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
N-nitroso-di-n-propylamine	621-64-7	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
N-Nitrosodiphenylamine	86-30-6	~	~	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Pentachlorophenol	87-86-5	0.8	2.4	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Phenanthrene	85-01-8	100	100	< 0.0445	0.04450	0.0449J	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Phenol	108-95-2	0.33	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Pyrene	129-00-0	100	100	< 0.0445	0.04450	< 0.0447	0.04470	< 0.0436	0.04360	< 0.0436	0.04360
Pyridine	110-86-1	~	~	< 0.178	0.17800	< 0.179	0.17900	< 0.174	0.17400	< 0.174	0.17400

NOTES:

ft. bgs - feet below ground surface

LOD - limit of detection for analyte

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 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Aldrin	309-00-2	0.005	0.019	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
alpha-BHC	319-84-6	0.02	0.097	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
beta-BHC	319-85-7	0.036	0.072	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Chlordane, total	57-74-9	~	~	< 0.0358	0.03580	< 0.0358	0.03580	< 0.0358	0.03580	< 0.0353	0.03530	< 0.0354	0.03540	< 0.0352	0.03520
delta-BHC	319-86-8	0.04	100	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Dieldrin	60-57-1	0.005	0.039	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endosulfan I	959-98-8	2.4	4.8	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endosulfan II	33213-65-9	2.4	4.8	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endrin	72-20-8	0.014	2.2	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endrin aldehyde	7421-93-4	~	~	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Endrin ketone	53494-70-5	~	~	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
gamma-Chlordane	5566-34-7	~	~	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Heptachlor	76-44-8	0.042	0.42	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Heptachlor epoxide	1024-57-3	~	~	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Methoxychlor	72-43-5	~	~	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00176	0.00176
Toxaphene	8001-35-2	~	~	< 0.179	0.179	< 0.179	0.179	< 0.179	0.179	< 0.177	0.177	< 0.177	0.177	< 0.176	0.176

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Aldrin	309-00-2	0.005	0.019	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
alpha-BHC	319-84-6	0.02	0.097	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
beta-BHC	319-85-7	0.036	0.072	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Chlordane, total	57-74-9	~	~	< 0.0353	0.03530	< 0.0353	0.03530	< 0.0358	0.03580	< 0.0351	0.03510	< 0.0342	0.03420	< 0.0358	0.03580
delta-BHC	319-86-8	0.04	100	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Dieldrin	60-57-1	0.005	0.039	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endosulfan I	959-98-8	2.4	4.8	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endosulfan II	33213-65-9	2.4	4.8	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endrin	72-20-8	0.014	2.2	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endrin aldehyde	7421-93-4	~	~	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Endrin ketone	53494-70-5	~	~	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
gamma-Chlordane	5566-34-7	~	~	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Heptachlor	76-44-8	0.042	0.42	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Heptachlor epoxide	1024-57-3	~	~	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Methoxychlor	72-43-5	~	~	< 0.00177	0.00177	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00179	0.00179
Toxaphene	8001-35-2	~	~	< 0.177	0.177	< 0.176	0.176	< 0.179	0.179	< 0.175	0.175	< 0.171	0.171	< 0.179	0.179

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Aldrin	309-00-2	0.005	0.019	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
alpha-BHC	319-84-6	0.02	0.097	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
beta-BHC	319-85-7	0.036	0.072	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Chlordane, total	57-74-9	~	~	< 0.0355	0.03550	< 0.0356	0.03560	< 0.0353	0.03530	< 0.0365	0.03650	< 0.0344	0.03440	< 0.0346	0.03460
delta-BHC	319-86-8	0.04	100	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Dieldrin	60-57-1	0.005	0.039	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endosulfan I	959-98-8	2.4	4.8	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endosulfan II	33213-65-9	2.4	4.8	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endrin	72-20-8	0.014	2.2	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endrin aldehyde	7421-93-4	~	~	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Endrin ketone	53494-70-5	~	~	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
gamma-Chlordane	5566-34-7	~	~	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Heptachlor	76-44-8	0.042	0.42	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Heptachlor epoxide	1024-57-3	~	~	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Methoxychlor	72-43-5	~	~	< 0.00177	0.00177	< 0.00178	0.00178	< 0.00177	0.00177	< 0.00182	0.00182	< 0.00172	0.00172	< 0.00173	0.00173
Toxaphene	8001-35-2	~	~	< 0.177	0.177	< 0.178	0.178	< 0.177	0.177	< 0.182	0.182	< 0.172	0.172	< 0.173	0.173

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Aldrin	309-00-2	0.005	0.019	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
alpha-BHC	319-84-6	0.02	0.097	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
beta-BHC	319-85-7	0.036	0.072	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Chlordane, total	57-74-9	~	~	< 0.0347	0.03470	< 0.0356	0.03560	< 0.0356	0.03560	< 0.035	0.03500	< 0.0358	0.03580	< 0.035	0.03500
delta-BHC	319-86-8	0.04	100	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Dieldrin	60-57-1	0.005	0.039	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endosulfan I	959-98-8	2.4	4.8	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endosulfan II	33213-65-9	2.4	4.8	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endrin	72-20-8	0.014	2.2	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endrin aldehyde	7421-93-4	~	~	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Endrin ketone	53494-70-5	~	~	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
gamma-Chlordane	5566-34-7	~	~	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Heptachlor	76-44-8	0.042	0.42	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Heptachlor epoxide	1024-57-3	~	~	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Methoxychlor	72-43-5	~	~	< 0.00174	0.00174	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00175	0.00175	< 0.00179	0.00179	< 0.00175	0.00175
Toxaphene	8001-35-2	~	~	< 0.174	0.174	< 0.178	0.178	< 0.178	0.178	< 0.175	0.175	< 0.179	0.179	< 0.175	0.175

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Aldrin	309-00-2	0.005	0.019	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
alpha-BHC	319-84-6	0.02	0.097	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
beta-BHC	319-85-7	0.036	0.072	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Chlordane, total	57-74-9	~	~	< 0.0356	0.03560	< 0.0355	0.03550	< 0.0358	0.03580	< 0.0349	0.03490	< 0.035	0.03500	< 0.0367	0.03670
delta-BHC	319-86-8	0.04	100	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Dieldrin	60-57-1	0.005	0.039	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endosulfan I	959-98-8	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endosulfan II	33213-65-9	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endrin	72-20-8	0.014	2.2	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endrin aldehyde	7421-93-4	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Endrin ketone	53494-70-5	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
gamma-Chlordane	5566-34-7	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Heptachlor	76-44-8	0.042	0.42	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Heptachlor epoxide	1024-57-3	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Methoxychlor	72-43-5	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00174	0.00174	< 0.00175	0.00175	< 0.00184	0.00184
Toxaphene	8001-35-2	~	~	< 0.178	0.178	< 0.178	0.178	< 0.179	0.179	< 0.174	0.174	< 0.175	0.175	< 0.184	0.184

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Aldrin	309-00-2	0.005	0.019	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
alpha-BHC	319-84-6	0.02	0.097	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
beta-BHC	319-85-7	0.036	0.072	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Chlordane, total	57-74-9	~	~	< 0.035	0.03500	< 0.0343	0.03430	< 0.035	0.03500	< 0.0351	0.03510	< 0.0358	0.03580	< 0.0355	0.03550
delta-BHC	319-86-8	0.04	100	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Dieldrin	60-57-1	0.005	0.039	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endosulfan I	959-98-8	2.4	4.8	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endosulfan II	33213-65-9	2.4	4.8	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endrin	72-20-8	0.014	2.2	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endrin aldehyde	7421-93-4	~	~	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Endrin ketone	53494-70-5	~	~	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
gamma-Chlordane	5566-34-7	~	~	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Heptachlor	76-44-8	0.042	0.42	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Heptachlor epoxide	1024-57-3	~	~	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Methoxychlor	72-43-5	~	~	< 0.00175	0.00175	< 0.00171	0.00171	< 0.00175	0.00175	< 0.00176	0.00176	< 0.00179	0.00179	< 0.00177	0.00177
Toxaphene	8001-35-2	~	~	< 0.175	0.175	< 0.171	0.171	< 0.175	0.175	< 0.176	0.176	< 0.179	0.179	< 0.177	0.177

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PEST, 8081 MASTER															
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Aldrin	309-00-2	0.005	0.019	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
alpha-BHC	319-84-6	0.02	0.097	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
beta-BHC	319-85-7	0.036	0.072	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Chlordane, total	57-74-9	~	~	< 0.0356	0.03560	< 0.0355	0.03550	< 0.0357	0.03570	< 0.0353	0.03530	< 0.0355	0.03550	< 0.0354	0.03540
delta-BHC	319-86-8	0.04	100	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Dieldrin	60-57-1	0.005	0.039	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan I	959-98-8	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan II	33213-65-9	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endrin	72-20-8	0.014	2.2	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endrin aldehyde	7421-93-4	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Endrin ketone	53494-70-5	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
gamma-Chlordane	5566-34-7	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Heptachlor	76-44-8	0.042	0.42	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Heptachlor epoxide	1024-57-3	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Methoxychlor	72-43-5	~	~	< 0.00178	0.00178	< 0.00178	0.00178	< 0.00179	0.00179	< 0.00177	0.00177	< 0.00177	0.00177	< 0.00177	0.00177
Toxaphene	8001-35-2	~	~	< 0.178	0.178	< 0.178	0.178	< 0.179	0.179	< 0.177	0.177	< 0.177	0.177	< 0.177	0.177

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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			Result	LOD	Result	LOD
				mg/kg		mg/kg	
PEST, 8081 MASTER							
4,4'-DDD	72-54-8	0.0033	2.6	< 0.00172	0.00172	< 0.00172	0.00172
4,4'-DDE	72-55-9	0.0033	1.8	< 0.00172	0.00172	< 0.00172	0.00172
4,4'-DDT	50-29-3	0.0033	1.7	< 0.00172	0.00172	< 0.00172	0.00172
Aldrin	309-00-2	0.005	0.019	< 0.00172	0.00172	< 0.00172	0.00172
alpha-BHC	319-84-6	0.02	0.097	< 0.00172	0.00172	< 0.00172	0.00172
alpha-Chlordane	5103-71-9	0.094	0.91	< 0.00172	0.00172	< 0.00172	0.00172
beta-BHC	319-85-7	0.036	0.072	< 0.00172	0.00172	< 0.00172	0.00172
Chlordane, total	57-74-9	~	~	< 0.0343	0.03430	< 0.0344	0.03440
delta-BHC	319-86-8	0.04	100	< 0.00172	0.00172	< 0.00172	0.00172
Dieldrin	60-57-1	0.005	0.039	< 0.00172	0.00172	< 0.00172	0.00172
Endosulfan I	959-98-8	2.4	4.8	< 0.00172	0.00172	< 0.00172	0.00172
Endosulfan II	33213-65-9	2.4	4.8	< 0.00172	0.00172	< 0.00172	0.00172
Endosulfan sulfate	1031-07-8	2.4	4.8	< 0.00172	0.00172	< 0.00172	0.00172
Endrin	72-20-8	0.014	2.2	< 0.00172	0.00172	< 0.00172	0.00172
Endrin aldehyde	7421-93-4	~	~	< 0.00172	0.00172	< 0.00172	0.00172
Endrin ketone	53494-70-5	~	~	< 0.00172	0.00172	< 0.00172	0.00172
gamma-BHC (Lindane)	58-89-9	0.1	0.28	< 0.00172	0.00172	< 0.00172	0.00172
gamma-Chlordane	5566-34-7	~	~	< 0.00172	0.00172	< 0.00172	0.00172
Heptachlor	76-44-8	0.042	0.42	< 0.00172	0.00172	< 0.00172	0.00172
Heptachlor epoxide	1024-57-3	~	~	< 0.00172	0.00172	< 0.00172	0.00172
Methoxychlor	72-43-5	~	~	< 0.00172	0.00172	< 0.00172	0.00172
Toxaphene	8001-35-2	~	~	< 0.172	0.172	< 0.172	0.172

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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	~	~	< 2.27	2.27	< 2.27	2.27	< 2.27	2.27	< 2.28	2.28	< 2.29	2.29	< 2.24	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	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.045	0.045
Cadmium	7440-43-9	2.5	2.5	< 0.272	0.272	< 0.272	0.272	< 0.272	0.272	< 0.274	0.274	< 0.275	0.275	< 0.269	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	< 2.27	2.27	< 2.27	2.27	< 2.27	2.27	< 2.28	2.28	< 2.29	2.29	< 2.24	2.24
Silver	7440-22-4	2	36	< 0.457	0.457	< 0.457	0.457	< 0.457	0.457	< 0.46	0.46	< 0.461	0.461	< 0.453	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	~	~	< 2.27	2.27	< 2.27	2.27	< 2.27	2.27	< 2.28	2.28	< 2.29	2.29	< 2.24	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	< 0.0326	0.033	< 0.0326	0.033	< 0.0326	0.033	< 0.0329	0.033	< 0.033	0.033	< 0.0323	0.0323

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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	~	~	< 2.26	2.26	< 2.25	2.25	< 2.28	2.28	< 2.25	2.25	< 2.23	2.23	< 2.27	2.27
Arsenic	7440-38-2	13	16	< 1.36	1.36	< 1.35	1.35	1.7	1.37	2.64	1.35	1.34	1.34	2.33	1.36
Barium	7440-39-3	350	350	< 2.26	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	< 0.046	0.046	< 0.045	0.045	< 0.046	0.046	< 0.045	0.045	< 0.045	0.045	< 0.046	0.046
Cadmium	7440-43-9	2.5	2.5	< 0.271	0.271	< 0.27	0.27	< 0.274	0.274	< 0.27	0.27	< 0.267	0.267	< 0.272	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	~	~	< 0.452	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	~	~	< 0.361	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	< 1.81	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	< 0.452	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	< 0.452	0.452	235	0.45	298	0.457	297	0.451	266	0.445	327	0.454
Nickel	7440-02-0	30	140	< 0.9	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	~	~	< 4.52	4.52	900	4.5	851	4.57	950	4.51	710	4.45	823	4.54
Selenium	7782-49-2	3.9	36	< 2.26	2.26	< 2.25	2.25	< 2.28	2.28	< 2.25	2.25	< 2.23	2.23	< 2.27	2.27
Silver	7440-22-4	2	36	< 0.456	0.456	< 0.453	0.453	< 0.46	0.46	< 0.454	0.454	< 0.449	0.449	< 0.457	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	~	~	< 2.26	2.26	< 2.25	2.25	< 2.28	2.28	< 2.25	2.25	< 2.23	2.23	< 2.27	2.27
Vanadium	7440-62-2	~	~	< 0.9	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	< 2.25	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	< 0.0325	0.033	< 0.0324	0.032	< 0.0328	0.0328	< 0.0324	0.0324	< 0.032	0.032	< 0.0327	0.0327

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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 6/21/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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	~	~	< 2.26	2.26	< 2.26	2.26	< 2.24	2.24	< 2.31	2.31	< 2.21	2.21	< 2.23	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	< 0.046	0.046	< 0.045	0.045	< 0.045	0.045	< 0.047	0.047	< 0.045	0.045	< 0.045	0.045
Cadmium	7440-43-9	2.5	2.5	< 0.272	0.272	< 0.271	0.271	< 0.269	0.269	< 0.277	0.277	< 0.265	0.265	< 0.267	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	< 2.26	2.26	< 2.26	2.26	< 2.24	2.24	< 2.31	2.31	< 2.21	2.21	< 2.23	2.23
Silver	7440-22-4	2	36	< 0.456	0.456	< 0.455	0.455	< 0.451	0.451	< 0.465	0.465	< 0.445	0.445	< 0.449	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	~	~	< 2.26	2.26	< 2.26	2.26	< 2.24	2.24	< 2.31	2.31	< 2.21	2.21	< 2.23	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	< 0.0326	0.0326	< 0.0325	0.0325	< 0.0322	0.0322	< 0.0332	0.0332	< 0.0318	0.0318	< 0.0321	0.0321

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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	~	~	< 2.23	2.23	< 2.27	2.27	< 2.26	2.26	< 2.27	2.27	< 2.27	2.27	< 2.27	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	< 0.045	0.045	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046
Cadmium	7440-43-9	2.5	2.5	< 0.267	0.267	< 0.272	0.272	< 0.271	0.271	< 0.272	0.272	< 0.272	0.272	< 0.272	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	< 2.23	2.23	< 2.27	2.27	< 2.26	2.26	< 2.27	2.27	< 2.27	2.27	< 2.27	2.27
Silver	7440-22-4	2	36	< 0.449	0.449	< 0.458	0.458	< 0.456	0.456	< 0.457	0.457	< 0.457	0.457	< 0.457	0.457
Sodium	7440-23-5	~	~	117	44.6	119	45.4	122	45.2	< 45.3	45.3	< 45.3	45.3	61.2	45.3
Thallium	7440-28-0	~	~	< 2.23	2.23	< 2.27	2.27	< 2.26	2.26	< 2.27	2.27	< 2.27	2.27	< 2.27	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	< 0.0321	0.0321	< 0.0327	0.0327	< 0.0325	0.0325	< 0.0326	0.0326	< 0.0326	0.0326	< 0.0326	0.0326

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	
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	~	~	< 2.3	2.3	< 2.27	2.27	< 2.28	2.28	< 2.25	2.25	< 2.25	2.25	< 2.34	2.34
Arsenic	7440-38-2	13	16	1.79	1.38	1.71	1.36	< 1.37	1.37	< 1.35	1.35	< 1.35	1.35	2.01	1.41
Barium	7440-39-3	350	350	43.5	2.3	40.5	2.27	40.9	2.28	< 2.25	2.25	34.5	2.24	33.5	2.34
Beryllium	7440-41-7	7.2	14	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.045	0.045	< 0.045	0.045	< 0.047	0.047
Cadmium	7440-43-9	2.5	2.5	< 0.276	0.276	< 0.273	0.273	< 0.274	0.274	< 0.27	0.27	< 0.27	0.27	< 0.281	0.281
Calcium	7440-70-2	~	~	1990	4.6	943	4.55	2490	4.57	< 4.5	4.5	1540	4.5	750	4.68
Chromium	7440-47-3	~	~	14	0.461	13.7	0.455	14	0.457	< 0.451	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	< 0.36	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	< 1.8	1.8	15.7	1.8	11	1.87
Iron	7439-89-6	~	~	10400	23	9660	22.7	9530	22.8	< 22.5	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	< 0.451	0.451	4.02	0.45	5.15	0.469
Magnesium	7439-95-4	~	~	1880	4.61	1720	4.55	1850	4.57	< 4.51	4.51	2260	4.5	1580	4.69
Manganese	7439-96-5	1600	2000	306	0.461	356	0.455	283	0.457	< 0.451	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	< 0.897	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	< 2.3	2.3	< 2.27	2.27	< 2.28	2.28	< 2.25	2.25	< 2.25	2.25	< 2.34	2.34
Silver	7440-22-4	2	36	< 0.464	0.464	< 0.458	0.458	< 0.46	0.46	< 0.454	0.454	< 0.453	0.453	< 0.472	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	~	~	< 2.3	2.3	< 2.27	2.27	< 2.28	2.28	< 2.25	2.25	< 2.25	2.25	< 2.34	2.34
Vanadium	7440-62-2	~	~	22.7	0.917	17.8	0.906	16.8	0.909	< 0.897	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	< 2.24	2.24	20.8	2.24	20.7	2.33
Mercury by 7473															
Mercury	7439-97-6	0.18	0.81	< 0.0331	0.0331	< 0.0327	0.0327	< 0.0329	0.0329	< 0.0324	0.0324	< 0.0324	0.0324	< 0.0337	0.0337

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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	~	~	< 2.28	2.28	< 2.23	2.23	< 2.24	2.24	< 2.26	2.26	< 2.28	2.28	< 2.25	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	< 0.046	0.046	< 0.045	0.045	< 0.045	0.045	< 0.045	0.045	< 0.046	0.046	< 0.045	0.045		
Cadmium	7440-43-9	2.5	2.5	< 0.273	0.273	< 0.267	0.267	< 0.268	0.268	< 0.271	0.271	< 0.274	0.274	< 0.27	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	< 2.28	2.28	< 2.23	2.23	< 2.24	2.24	< 2.26	2.26	< 2.28	2.28	< 2.25	2.25		
Silver	7440-22-4	2	36	< 0.459	0.459	< 0.449	0.449	< 0.451	0.451	< 0.455	0.455	< 0.46	0.46	< 0.453	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	~	~	< 2.28	2.28	< 2.23	2.23	< 2.24	2.24	< 2.26	2.26	< 2.28	2.28	< 2.25	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	< 0.0328	0.0328	< 0.0321	0.0321	< 0.0322	0.0322	< 0.0325	0.0325	< 0.0328	0.0328	< 0.0323	0.0323		

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
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	~	~	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.25	2.25	< 2.27	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	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.046	0.046	< 0.045	0.045	< 0.046	0.046		
Cadmium	7440-43-9	2.5	2.5	< 0.271	0.271	< 0.271	0.271	< 0.271	0.271	< 0.271	0.271	< 0.27	0.27	< 0.273	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	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.25	2.25	< 2.27	2.27		
Silver	7440-22-4	2	36	< 0.456	0.456	< 0.455	0.455	< 0.455	0.455	< 0.456	0.456	< 0.454	0.454	< 0.458	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	~	~	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.26	2.26	< 2.25	2.25	< 2.27	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	< 0.0326	0.0326	< 0.0325	0.0325	< 0.0328	0.0328	< 0.0325	0.0325	< 0.0324	0.0324	< 0.0327	0.0327		

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-67 12 ft. bgs 6/12/2024 Soil		EP-68 12 ft. bgs 6/12/2024 Soil	
Compound	CAS Number			Result	LOD	Result	LOD
				mg/kg		mg/kg	
Metals, Target Analyte							
Aluminum	7429-90-5	~	~	6350	4.42	5500	4.43
Antimony	7440-36-0	~	~	< 2.21	2.21	< 2.22	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	< 0.045	0.045	< 0.045	0.045
Cadmium	7440-43-9	2.5	2.5	< 0.265	0.265	< 0.266	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	< 2.21	2.21	< 2.22	2.22
Silver	7440-22-4	2	36	< 0.445	0.445	< 0.447	0.447
Sodium	7440-23-5	~	~	152	44.2	143	44.3
Thallium	7440-28-0	~	~	< 2.21	2.21	< 2.22	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	< 0.0318	0.0318	< 0.0319	0.0319

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1221	11104-28-2	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1232	11141-16-5	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1242	53469-21-9	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1248	12672-29-6	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1254	11097-69-1	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Aroclor 1260	11096-82-5	~	~	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178
Total PCBs	1336-36-3	0.1	1	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0181	0.0181	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0178	0.0178

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1221	11104-28-2	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1232	11141-16-5	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1242	53469-21-9	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1248	12672-29-6	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1254	11097-69-1	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Aroclor 1260	11096-82-5	~	~	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181
Total PCBs	1336-36-3	0.1	1	< 0.0178	0.0178	< 0.0178	0.0178	< 0.0181	0.0181	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0181	0.0181

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1221	11104-28-2	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1232	11141-16-5	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1242	53469-21-9	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1248	12672-29-6	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1254	11097-69-1	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Aroclor 1260	11096-82-5	~	~	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175
Total PCBs	1336-36-3	0.1	1	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0184	0.0184	< 0.0174	0.0174	< 0.0175	0.0175

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix	CAS Number			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Compound															
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1221	11104-28-2	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1232	11141-16-5	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1242	53469-21-9	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1248	12672-29-6	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1254	11097-69-1	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Aroclor 1260	11096-82-5	~	~	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177
Total PCBs	1336-36-3	0.1	1	< 0.0175	0.0175	< 0.018	0.018	< 0.018	0.018	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0177	0.0177

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1221	11104-28-2	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1232	11141-16-5	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1242	53469-21-9	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1248	12672-29-6	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1254	11097-69-1	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Aroclor 1260	11096-82-5	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185
Total PCBs	1336-36-3	0.1	1	< 0.018	0.018	< 0.0179	0.0179	< 0.0181	0.0181	< 0.0176	0.0176	< 0.0177	0.0177	< 0.0185	0.0185

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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 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	
Sample Depth	Sample Date			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
Sample Matrix	CAS Number														
Compound	mg/kg			mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1221	11104-28-2	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1232	11141-16-5	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1242	53469-21-9	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1248	12672-29-6	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1254	11097-69-1	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Aroclor 1260	11096-82-5	~	~	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179
Total PCBs	1336-36-3	0.1	1	< 0.0177	0.0177	< 0.0173	0.0173	< 0.0177	0.0177	< 0.0177	0.0177	< 0.0181	0.0181	< 0.0179	0.0179

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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-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			Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
				mg/kg		mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
PCB, 8082 MASTER															
Aroclor 1016	12674-11-2	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1221	11104-28-2	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1232	11141-16-5	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1242	53469-21-9	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1248	12672-29-6	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1254	11097-69-1	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Aroclor 1260	11096-82-5	~	~	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179
Total PCBs	1336-36-3	0.1	1	< 0.018	0.018	< 0.0179	0.0179	< 0.018	0.018	< 0.0178	0.0178	< 0.0179	0.0179	< 0.0179	0.0179

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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	
Compound	CAS Number			Result	LOD	Result	LOD
				mg/kg		mg/kg	
PCB, 8082 MASTER							
Aroclor 1016	12674-11-2	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1221	11104-28-2	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1232	11141-16-5	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1242	53469-21-9	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1248	12672-29-6	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1254	11097-69-1	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Aroclor 1260	11096-82-5	~	~	< 0.0176	0.0176	< 0.0174	0.0174
Total PCBs	1336-36-3	0.1	1	< 0.0176	0.0176	< 0.0174	0.0174

NOTES:
ft. bgs - feet below ground surface
LOD - limit of detection for analyte
~ - 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	CAS Number			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				Result	LOD	Result	LOD	Result	LOD	Result	LOD	Result	LOD
		mg/kg	mg/kg	mg/kg		mg/kg		mg/kg		mg/kg		mg/kg	
VOA, 8260 MASTER													
1,2,4-Trimethylbenzene	95-63-6	3.6	47	0.0082	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
1,3,5-Trimethylbenzene	108-67-8	8.4	47	0.0021J	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Benzene	71-43-2	0.06	2.9	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Ethyl Benzene	100-41-4	1	30	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Isopropylbenzene	98-82-8	~	~	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Methyl tert-butyl ether (MTBE)	1634-04-4	0.93	62	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Naphthalene	91-20-3	12	100	0.016	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
n-Butylbenzene	104-51-8	12	100	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
n-Propylbenzene	103-65-1	3.9	100	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
o-Xylene	95-47-6	~	~	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
p- & m- Xylenes	179601-23-1	~	~	< 0.0041	0.0041	< 0.0043	0.0043	< 0.004	0.004	< 0.0043	0.0043	< 0.0047	0.0047
p-Isopropyltoluene	99-87-6	~	~	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002		0.002	< 0.0021	0.0021	< 0.0024
sec-Butylbenzene	135-98-8	11	100	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
tert-Butylbenzene	98-06-6	5.9	100	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Toluene	108-88-3	0.7	100	< 0.0021	0.0021	< 0.0022	0.0022	< 0.002	0.002	< 0.0021	0.0021	< 0.0024	0.0024
Xylenes, Total	1330-20-7	0.26	100	< 0.0062	0.0062	< 0.0065	0.0065	< 0.0061	0.0061	< 0.0064	0.0064	< 0.0071	0.0071

NOTES:

ft. bgs - Feet below ground surface

LOD - Limit of Detection for Analyte

~ - 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		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	IA-Laundry-06042025-1		IA-Gym-06042025-1		IA-Unit-06042025-1		OA-Backyard-06042025-1	
Sampling Date			6/5/2025		6/5/2025		6/5/2025		6/5/2025	
Sample Matrix			Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Outdoor Ambient Air	
Compound	CAS Number	ug/m³	Result	LOD	Result	LOD	Result	LOD	Result	LOD
			ug/m³		ug/m³		ug/m³		ug/m³	
Volatile Organics, EPA TO15 Full List										
1,1,1,2-Tetrachloroethane	630-20-6	~	< 0.55	0.55	< 0.58	0.58	< 0.62	0.62	< 0.65	0.65
1,1,1-Trichloroethane	71-55-6	2.5	< 0.44	0.44	< 0.46	0.46	< 0.49	0.49	< 0.51	0.51
1,1,2,2-Tetrachloroethane	79-34-5	0.4	< 0.55	0.55	< 0.58	0.58	< 0.62	0.62	< 0.65	0.65
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	2.5	< 0.62	0.62	< 0.65	0.65	< 0.69	0.69	< 0.72	0.72
1,1,2-Trichloroethane	79-00-5	0.4	< 0.44	0.44	< 0.46	0.46	< 0.49	0.49	< 0.51	0.51
1,1-Dichloroethane	75-34-3	0.4	< 0.33	0.33	< 0.34	0.34	< 0.36	0.36	< 0.38	0.38
1,1-Dichloroethylene	75-35-4	0.4	< 0.08	0.08	< 0.084	0.084	< 0.089	0.089	< 0.093	0.093
1,2,4-Trichlorobenzene	120-82-1	0.5	< 30	30	< 31	31	< 33	33	< 35	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	< 0.62	0.62	< 0.65	0.65	< 0.69	0.69	< 0.72	0.72
1,2-Dichlorobenzene	95-50-1	0.5	< 0.48	0.48	< 0.51	0.51	< 0.5	0.5	< 0.57	0.57
1,2-Dichloroethane	107-06-2	0.4	< 0.33	0.33	< 0.34	0.34	0.44	0.36	< 0.38	0.38
1,2-Dichloropropane	78-87-5	0.4	< 0.37	0.37	< 0.39	0.39	< 0.42	0.42	< 0.44	0.44
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	< 0.56	0.56	< 0.59	0.59	< 0.63	0.63	< 0.66	0.66
1,3,5-Trimethylbenzene	108-67-8	3.9	< 0.4	0.4	0.46	0.42	< 0.44	0.44	< 0.46	0.46
1,3-Butadiene	106-99-0	~	< 0.53	0.53	< 0.56	0.56	< 0.6	0.6	< 0.63	0.63
1,3-Dichlorobenzene	541-73-1	0.5	< 0.48	0.48	< 0.51	0.51	< 0.54	0.54	< 0.57	0.57
1,3-Dichloropropane	142-28-9	~	< 0.37	0.37	< 0.39	0.39	< 0.42	0.42	< 0.44	0.44
1,4-Dichlorobenzene	106-46-7	1.2	< 0.48	0.48	< 0.51	0.51	< 0.54	0.54	< 0.57	0.57
1,4-Dioxane	123-91-1	~	< 0.58	0.58	< 0.61	0.61	< 0.65	0.65	< 0.68	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	< 0.77	0.77
3-Chloropropene	107-05-1	~	< 1.3	1.3	< 1.3	1.3	< 1.4	1.4	< 1.5	1.5
4-Methyl-2-pentanone	108-10-1	~	0.59	0.33	6.3	0.35	< 0.37	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	~	< 2.3	2.3	< 2.4	2.4	< 2.5	2.5	< 2.7	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	~	< 4.2	4.2	< 4.4	4.4	< 4	4	< 4.9	4.9
Bromodichloromethane	75-27-4	~	< 0.54	0.54	< 0.57	0.57	< 0.6	0.6	< 0.63	0.63
Bromoform	75-25-2	~	< 0.83	0.83	< 0.87	0.87	< 0.93	0.93	< 0.97	0.97
Bromomethane	74-83-9	0.5	< 0.31	0.31	< 0.33	0.33	< 0.35	0.35	< 0.37	0.37
Carbon disulfide	75-15-0	~	< 0.25	0.25	6.1	0.26	< 0.28	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
~=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		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	IA-Laundry-06042025-1		IA-Gym-06042025-1		IA-Unit-06042025-1		OA-Backyard-06042025-1	
Sampling Date			6/5/2025		6/5/2025		6/5/2025		6/5/2025	
Sample Matrix			Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Outdoor Ambient Air	
Compound	CAS Number	ug/m³	Result	LOD	Result	LOD	Result	LOD	Result	LOD
			ug/m³		ug/m³		ug/m³		ug/m³	
Chloroethane	75-00-3	0.4	< 0.21	0.21	< 0.22	0.22	< 0.24	0.24	< 0.25	0.25
Chloroform	67-66-3	1.2	< 0.39	0.39	< 0.41	0.41	< 0.44	0.44	< 0.46	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	< 0.08	0.08	< 0.084	0.084	< 0.089	0.089	< 0.093	0.093
cis-1,3-Dichloropropylene	10061-01-5	0.4	< 0.36	0.36	< 0.38	0.38	< 0.41	0.41	< 0.43	0.43
Cyclohexane	110-82-7	6.3	0.33	0.28	1.4	0.29	0.37	0.31	< 0.32	0.32
Dibromochloromethane	124-48-1	~	< 0.68	0.68	< 0.72	0.72	< 0.77	0.77	< 0.8	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	< 0.86	0.86	< 0.9	0.9	< 0.96	0.96	< 1	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	< 0.29	0.29	< 0.31	0.31	< 0.32	0.32	< 0.34	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	~	< 4.2	4.2	4.4J	4.4	< 4.7	4.7	< 4.9	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	< 0.16	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	< 0.56	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	~	< 0.32	0.32	< 0.34	0.34	< 0.36	0.36	< 0.37	0.37
trans-1,3-Dichloropropylene	10061-02-6	~	< 0.36	0.36	< 0.38	0.38	< 0.41	0.41	< 0.43	0.43
Trichloroethylene	79-01-6	0.5	< 0.11	0.11	< 0.11	0.11	< 0.12	0.12	< 0.13	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	~	< 0.28	0.28	< 0.3	0.3	< 0.32	0.32	< 0.33	0.33
Vinyl Chloride	75-01-4	0.4	< 0.1	0.1	< 0.11	0.11	< 0.11	0.11	< 0.12	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
~=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		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	OA-Backyard-11032025-1		IA-Gym-11032025-1		IA-Meter-11032025-1		IA-AptStorage-11032025-1	
Sampling Date			11/3/2025		11/3/2025		11/3/2025		11/3/2025	
Sample Matrix			Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air	
Compound	CAS Number	ug/m³	Result	LOD	Result	LOD	Result	LOD	Result	LOD
			ug/m³		ug/m³		ug/m³		ug/m³	
Volatile Organics, EPA TO15 Full List										
1,1,1,2-Tetrachloroethane	630-20-6	~	< 0.67	0.67	< 0.7	0.7	< 0.74	0.74	< 0.53	0.53
1,1,1-Trichloroethane	71-55-6	2.5	< 0.53	0.53	< 0.56	0.56	< 0.59	0.59	< 0.42	0.42
1,1,2,2-Tetrachloroethane	79-34-5	0.4	< 0.67	0.67	< 0.7	0.7	< 0.74	0.74	< 0.53	0.53
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	2.5	< 0.75	0.75	< 0.78	0.78	< 0.83	0.83	< 0.59	0.59
1,1,2-Trichloroethane	79-00-5	0.4	< 0.53	0.53	< 0.56	0.56	< 0.59	0.59	< 0.42	0.42
1,1-Dichloroethane	75-34-3	0.4	< 0.4	0.4	< 0.41	0.41	< 0.44	0.44	< 0.31	0.31
1,1-Dichloroethylene	75-35-4	0.4	< 0.19	0.19	< 0.2	0.2	< 0.21	0.21	< 0.15	0.15
1,2,4-Trichlorobenzene	120-82-1	0.5	< 36	36	< 38	38	< 40	40	< 29	29
1,2,4-Trimethylbenzene	95-63-6	9.8	< 0.48	0.48	0.55	0.5	1.1	0.53	0.38	0.38
1,2-Dibromoethane	106-93-4	0.4	< 0.75	0.75	< 0.79	0.79	< 0.83	0.83	< 0.59	0.59
1,2-Dichlorobenzene	95-50-1	0.5	< 0.59	0.59	< 0.62	0.62	< 0.65	0.65	< 0.46	0.46
1,2-Dichloroethane	107-06-2	0.4	< 0.39	0.39	< 0.41	0.41	< 0.44	0.44	< 0.31	0.31
1,2-Dichloropropane	78-87-5	0.4	< 0.45	0.45	< 0.47	0.47	< 0.5	0.5	< 0.36	0.36
1,2-Dichlorotetrafluoroethane	76-14-2	0.4	< 0.68	0.68	< 0.72	0.72	< 0.75	0.75	< 0.54	0.54
1,3,5-Trimethylbenzene	108-67-8	3.9	< 0.48	0.48	< 0.5	0.5	< 0.53	0.53	< 0.38	0.38
1,3-Butadiene	106-99-0	~	< 0.65	0.65	< 0.68	0.68	< 0.72	0.72	< 0.51	0.51
1,3-Dichlorobenzene	541-73-1	0.5	< 0.59	0.59	< 0.62	0.62	< 0.65	0.65	< 0.46	0.46
1,3-Dichloropropane	142-28-9	~	< 0.45	0.45	< 0.47	0.47	< 0.5	0.5	< 0.36	0.36
1,4-Dichlorobenzene	106-46-7	1.2	< 0.59	0.59	< 0.62	0.62	< 0.65	0.65	< 0.46	0.46
1,4-Dioxane	123-91-1	~	< 1.8	1.8	< 1.8	1.8	< 1.9	1.9	< 1.4	1.4
2,2,4-Trimethylpentane	540-84-1	~	0.55	0.23	< 0.24	0.24	< 0.25	0.25	0.54	0.18
2-Butanone	78-93-3	~	< 14	14	< 15	15	< 16	16	< 11	11
2-Hexanone	591-78-6	~	< 0.8	0.8	< 0.84	0.84	< 0.88	0.88	< 0.63	0.63
3-Chloropropene	107-05-1	~	< 1.5	1.5	< 1.6	1.6	< 1.7	1.7	< 1.2	1.2
4-Methyl-2-pentanone	108-10-1	~	< 0.4	0.4	1.1	0.2	< 0.44	0.44	0.32	0.32
Acetone	67-64-1	115	< 12	12	31	12	< 13	13	19	9.2
Acrylonitrile	107-13-1	~	< 11	11	< 11	11	< 12	12	< 8.4	8.4
Benzene	71-43-2	13	0.44	0.31	< 0.33	0.33	0.69	0.34	0.79	0.25
Benzyl chloride	100-44-7	~	< 13	13	< 13	13	< 14	14	< 10	10
Bromodichloromethane	75-27-4	~	< 0.65	0.65	< 0.69	0.69	< 0.72	0.72	< 0.52	0.52
Bromoform	75-25-2	~	< 1	1	< 1.1	1.1	< 1.1	1.1	< 0.8	0.8
Bromomethane	74-83-9	0.5	< 0.38	0.38	< 0.4	0.4	< 0.42	0.42	< 0.3	0.3
Carbon disulfide	75-15-0	~	< 0.3	0.3	0.67	0.32	< 0.34	0.34	< 0.24	0.24
Carbon tetrachloride	56-23-5	1.3	< 0.15	0.15	< 0.16	0.16	< 0.17	0.17	< 0.12	0.12

NOTES:
LOD=limit of detection for this analyte
~=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		NYSDOH 2006 Guidance for Soil Vapor Intrusion Upper Fence	OA-Backyard-11032025-1		IA-Gym-11032025-1		IA-Meter-11032025-1		IA-AptStorage-11032025-1	
Sampling Date			11/3/2025		11/3/2025		11/3/2025		11/3/2025	
Sample Matrix			Outdoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air		Indoor Ambient Air	
Compound	CAS Number	ug/m³	Result	LOD	Result	LOD	Result	LOD	Result	LOD
			ug/m³		ug/m³		ug/m³		ug/m³	
Chloroethane	75-00-3	0.4	< 0.26	0.26	< 0.27	0.27	< 0.28	0.28	< 0.2	0.2
Chloroform	67-66-3	1.2	< 0.48	0.48	< 0.5	0.5	< 0.53	0.53	< 0.38	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	< 0.19	0.19	< 0.2	0.2	< 0.21	0.21	< 0.15	0.15
cis-1,3-Dichloropropylene	10061-01-5	0.4	< 0.44	0.44	< 0.46	0.46	< 0.49	0.49	< 0.35	0.35
Cyclohexane	110-82-7	6.3	< 0.34	0.34	0.39	0.35	< 0.37	0.37	< 0.27	0.27
Dibromochloromethane	124-48-1	~	< 0.83	0.83	< 0.87	0.87	< 0.92	0.92	< 0.66	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	~	< 18	18	< 18	18	< 19	19	< 14	14
Ethyl Benzene	100-41-4	6.4	< 0.42	0.42	0.53	0.44	0.56	0.47	0.4	0.33
Hexachlorobutadiene	87-68-3	0.5	< 1	1	< 1.1	1.1	< 1.1	1.1	< 0.82	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	< 0.48	0.48	< 0.5	0.5	0.95	0.53	< 0.38	0.38
Methyl Methacrylate	80-62-6	0.4	< 0.4	0.4	1.1	0.42	< 0.44	0.44	< 0.32	0.32
Methyl tert-butyl ether (MTBE)	1634-04-4	14	< 0.35	0.35	< 0.37	0.37	< 0.39	0.39	< 0.28	0.28
Methylene chloride	75-09-2	16	< 2	2	< 2.1	2.1	< 2.2	2.2	< 1.6	1.6
Naphthalene	91-20-3	~	< 5.1	5.1	< 5.4	5.4	< 5.7	5.7	< 4	4
n-Heptane	142-82-5	18	< 0.4	0.4	2.2	0.42	< 0.44	0.44	< 0.32	0.32
n-Hexane	110-54-3	14	< 0.34	0.34	0.69	0.36	0.42	0.38	0.38	0.27
o-Xylene	95-47-6	7.1	< 0.42	0.42	0.8	0.44	0.7	0.47	0.44	0.33
p- & m- Xylenes	179601-23-1	11	< 0.85	0.85	2	0.89	1.8	0.94	1.3	0.67
p-Ethyltoluene	622-96-8	~	< 0.48	0.48	< 0.5	0.5	< 0.7	0.7	< 0.38	0.38
Propylene	115-07-1	~	< 0.17	0.17	< 0.18	0.18	< 0.19	0.19	< 0.13	0.13
Styrene	100-42-5	1.4	< 0.42	0.42	< 0.44	0.44	1.4	0.46	< 0.33	0.33
Tetrachloroethylene	127-18-4	2.5	< 0.66	0.66	< 0.69	0.69	< 0.73	0.73	< 0.52	0.52
Tetrahydrofuran	109-99-9	0.8	< 0.58	0.58	< 0.6	0.6	< 0.64	0.64	< 0.45	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	~	< 0.39	0.39	< 0.41	0.41	< 0.43	0.43	< 0.31	0.31
trans-1,3-Dichloropropylene	10061-02-6	~	< 0.44	0.44	< 0.46	0.46	< 0.49	0.49	< 0.35	0.35
Trichloroethylene	79-01-6	0.5	< 0.13	0.13	< 0.14	0.14	< 0.14	0.14	< 0.1	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	~	< 0.34	0.34	< 0.36	0.36	< 0.38	0.38	< 0.27	0.27
Vinyl Chloride	75-01-4	0.4	< 0.12	0.12	< 0.13	0.13	< 0.14	0.14	< 0.099	0.099
Xylenes, Total	1330-20-7	18.1	< 1.3	1.3	2.8	1.3	2.5	1.4	1.7	1

NOTES:
LOD=limit of detection for this analyte
~=this indicates that no regulatory limit has been established for this analyte
result exceeding the criteria

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

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

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

Sample ID Sampling Date Sample Matrix		IF-1-05202025 5/20/2025 Influent		EF-1-05202025 5/20/2025 Effluent	
Compound	CAS Number	Result	LOD	Result	LOD
		ug/m³		ug/m³	
Propylene	115-07-1	< 0.41	0.41	20	0.74
Styrene	100-42-5	< 1	1	< 1.8	1.8
Tetrachloroethylene	127-18-4	200	2	< 2.9	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	< 0.95	0.95	< 1.7	1.7
trans-1,3-Dichloropropylene	10061-02-6	< 1.1	1.1	< 2	2
Trichloroethylene	79-01-6	6	0	< 0.58	0.58
Trichlorofluoromethane (Freon 11)	75-69-4	1.3	1.3	< 2.4	2.4
Vinyl acetate	108-05-4	< 0.84	0.84	< 1.5	1.5
Vinyl bromide	593-60-2	< 1	1	< 1.9	1.9
Vinyl Chloride	75-01-4	< 0.31	0.31	< 0.55	0.55
Xylenes, Total	1330-20-7	3.4	3.1	12	12

NOTES:
LOD=limit of detection for analyte
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	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	
Compound				Result	LOD
			mg/Kg	mg/Kg	mg/Kg
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 Objective criteria

Table 18a
 Remaining Groundwater Contamination 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		TW-2 8/8/2023 Ground Water		TW-3 8/10/2023 Ground Water	
Compound	CAS Number		Result	LOD	Result	LOD	Result	LOD
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
VOC, 8260 LOW MASTER								
Chloroform	67-66-3	7	36.8	0.243	< 0.243	0.243	20.7	0.243
SVOC, 8270 SIM MASTER								
Benzo(a)anthracene	56-55-3	0.002	NT		< 0.069	0.069	0.0645	0.0645
Chrysene	218-01-9	0.002	NT		< 0.069	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		< 5.56	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		< 11.1	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:

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		TW-2 8/8/2023 Ground Water		TW-3 8/10/2023 Ground Water	
Compound	CAS Number		Result	LOD	Result	LOD	Result	LOD
			ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
PFAS, EPA 1633 Target List								
Perfluorooctanoic acid (PFOA)	335-67-1	0.0067	< 0.00042	0.00042	0.0579	0.000398	< 0.00042	0.00042
Perfluorooctanesulfonic acid (PFOS)	1763-23-1	0.0027	0.0038	0.000778	0.00302	0.000778	< 0.000778	0.000778

NOTES:

LOD = Limits of Detection

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

Table 19
Remaining Soil Vapor Contamination Results Summary
43-25 52nd Street
Queens, NY 11377
Project No. 22254

Sample ID Sample Depth Sampling Date Sample Matrix		SV-1 10-12 ft. bgs 7/20/2023 Soil Vapor		SV-2 10-12 ft. bgs 7/21/2023 Soil Vapor		SV-52 10-12 ft. bgs 7/21/2023 Soil Vapor		SV-3 10-12 ft. bgs 7/21/2023 Soil Vapor	
		Result	LOD	Result	LOD	Result	LOD	Result	LOD
		ug/m³		ug/m³		ug/m³		ug/m³	
Compound	CAS Number								
1,1,1,2-Tetrachloroethane	630-20-6	< 4	4	< 6.3	6.3	< 12	12	< 12	12
1,1,1-Trichloroethane	71-55-6	< 3.2	3.2	< 5	5	< 9.5	9.5	< 9.5	9.5
1,1,2,2-Tetrachloroethane	79-34-5	< 4	4	< 6.3	6.3	< 12	12	< 12	12
1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113)	76-13-1	< 4.4	4.4	< 7	7	< 13	13	< 13	13
1,1,2-Trichloroethane	79-00-5	< 3.2	3.2	< 5	5	< 9.5	9.5	< 9.5	9.5
1,1-Dichloroethane	75-34-3	< 2.3	2.3	< 3.7	3.7	< 7	7	< 7	7
1,1-Dichloroethylene	75-35-4	< 0.57	0.57	< 0.9	0.9	< 1.7	1.7	9	1.7
1,2,4-Trichlorobenzene	120-82-1	< 4.3	4.3	< 6.8	6.8	< 13	13	< 13	13
1,2,4-Trimethylbenzene	95-63-6	7.4	2.8	< 4.5	4.5	< 8.5	8.5	< 8.5	8.5
1,2-Dibromoethane	106-93-4	< 4.4	4.4	< 7	7	< 13	13	< 13	13
1,2-Dichlorobenzene	95-50-1	< 3.5	3.5	< 5.5	5.5	< 10	10	< 10	10
1,2-Dichloroethane	107-06-2	< 2.3	2.3	< 3.7	3.7	< 7	7	< 7	7
1,2-Dichloropropane	78-87-5	< 2.7	2.7	< 4.2	4.2	< 8	8	< 8	8
1,2-Dichlorotetrafluoroethane	76-14-2	< 4	4	< 6.4	6.4	< 12	12	< 12	12
1,3,5-Trimethylbenzene	108-67-8	< 2.8	2.8	< 4.5	4.5	< 8.5	8.5	< 8.5	8.5
1,3-Butadiene	106-99-0	19	3.8	< 6	6	120	12	< 12	12
1,3-Dichlorobenzene	541-73-1	< 3.5	3.5	< 5.5	5.5	< 10	10	< 10	10
1,3-Dichloropropane	142-28-9	< 2.7	2.7	< 4.2	4.2	< 8	8	< 8	8
1,4-Dichlorobenzene	106-46-7	< 3.5	3.5	< 5.5	5.5	< 10	10	< 10	10
1,4-Dioxane	123-91-1	< 4.2	4.2	< 6.6	6.6	< 13	13	< 13	13
2-Butanone	78-93-3	34	1.7	30	2.7	26	5.1	38	5.1
2-Hexanone	591-78-6	7.6	4.7	8.2	7.5	< 14	14	< 14	14
3-Chloropropene	107-05-1	< 9	9	< 14	14	< 27	27	< 27	27
4-Methyl-2-pentanone	108-10-1	< 2.4	2.4	< 3.7	3.7	< 7.1	7.1	< 7.1	7.1
Acetone	67-64-1	510	2.7	54	4.3	64	8.3	65	8.3
Acrylonitrile	107-13-1	< 1.3	1.3	< 2	2	< 3.8	3.8	28	3.8
Benzene	71-43-2	8.7	1.8	13	2.9	26	5.6	23	5.6
Benzyl chloride	100-44-7	< 3	3	< 4.7	4.7	< 9	9	< 9	9
Bromodichloromethane	75-27-4	< 3.9	3.9	< 6.1	6.1	< 12	12	< 12	12
Bromoform	75-25-2	< 6	6	< 9.4	9.4	< 18	18	< 18	18
Bromomethane	74-83-9	< 2.2	2.2	< 3.5	3.5	< 6.7	6.7	< 6.7	6.7
Carbon disulfide	75-15-0	6.7	1.8	20	2.8	16	5.4	8.7	5.4
Carbon tetrachloride	56-23-5	< 0.91	0.91	< 1.4	1.4	< 2.7	2.7	< 2.7	2.7
Chlorobenzene	108-90-7	< 2.7	2.7	< 4.2	4.2	< 8	8	< 8	8
Chloroethane	75-00-3	< 1.5	1.5	< 2.4	2.4	< 4.6	4.6	< 4.6	4.6
Chloroform	67-66-3	3.4	2.8	4.9	4.4	11	8.5	22	8.5
Chloromethane	74-87-3	1.8	1.2	< 1.9	1.9	< 3.6	3.6	< 3.6	3.6
cis-1,2-Dichloroethylene	156-59-2	0.92	0.57	23	0.9	170	1.7	210	1.7
cis-1,3-Dichloropropylene	10061-01-5	< 2.6	2.6	< 4.1	4.1	< 7.9	7.9	< 7.9	7.9
Cyclohexane	110-82-7	2.4	2	< 3.1	3.1	6.6	6	< 6	6
Dibromochloromethane	124-48-1	< 4.9	4.9	< 7.8	7.8	< 15	15	< 15	15
Dichlorodifluoromethane	75-71-8	3.1	2.9	< 4.5	4.5	< 8.6	8.6	< 8.6	8.6
Ethyl acetate	141-78-6	< 4.2	4.2	< 6.6	6.6	< 13	13	< 13	13
Ethyl Benzene	100-41-4	2.5	2.5	6.7	4	< 7.5	7.5	< 7.5	7.5
Hexachlorobutadiene	87-68-3	< 6.2	6.2	< 9.7	9.7	< 19	19	< 19	19
Isopropanol	67-63-0	16	2.8	15	4.5	< 8.5	8.5	< 8.5	8.5
Methyl Methacrylate	80-62-6	6.1	2.4	< 3.7	3.7	< 7.1	7.1	< 7.1	7.1
Methyl tert-butyl ether (MTBE)	1634-04-4	< 2.1	2.1	< 3.3	3.3	< 6.3	6.3	< 6.3	6.3
Methylene chloride	75-09-2	< 4	4	< 6.3	6.3	12	12	< 12	12
n-Heptane	142-82-5	< 2.4	2.4	< 3.7	3.7	< 7.1	7.1	< 7.1	7.1
n-Hexane	110-54-3	14	2	33	3.2	92	6.1	80	6.1
o-Xylene	95-47-6	3.5	2.5	8.3	4	8.3	7.5	8.3	7.5
p- & m- Xylenes	179601-23-1	7.5	5	23	7.9	23	15	22	15
p-Ethyltoluene	622-96-8	5.4	2.8	4.9	4.5	< 8.5	8.5	< 8.5	8.5
Propylene	115-07-1	280	0.99	150	1.6	1600	6	1100	3
Styrene	100-42-5	< 2.5	2.5	< 3.9	3.9	< 7.4	7.4	< 7.4	7.4
Tetrachloroethylene	127-18-4	1100	3.9	1300	6.2	1400	12	730	12
Tetrahydrofuran	109-99-9	< 3.4	3.4	< 5.4	5.4	< 10	10	< 10	10
Toluene	108-88-3	9.4	2.2	47	3.4	45	6.5	45	6.5
trans-1,2-Dichloroethylene	156-60-5	< 2.3	2.3	< 3.6	3.6	< 6.9	6.9	< 6.9	6.9
trans-1,3-Dichloropropylene	10061-02-6	< 2.6	2.6	< 4.1	4.1	< 7.9	7.9	< 7.9	7.9
Trichloroethylene	79-01-6	23	0.78	57	1.2	77	2.3	59	2.3
Trichlorofluoromethane (Freon 11)	75-69-4	< 3.2	3.2	< 5.1	5.1	< 9.8	9.8	< 9.8	9.8
Vinyl acetate	108-05-4	< 2	2	< 3.2	3.2	< 6.1	6.1	< 6.1	6.1
Vinyl bromide	593-60-2	< 2.5	2.5	< 4	4	< 7.6	7.6	< 7.6	7.6
Vinyl Chloride	75-01-4	< 0.74	0.74	< 1.2	1.2	< 2.2	2.2	6.7	2.2

NOTES:
LOD = limit of detection for analyte
ft. bgs = feet below ground surface

Table 19
Remaining Soil Vapor Contamination Results Summary
43-25 52nd Street
Queens, NY 11377
Project No. 22254

SV-4 10-12 ft. bgs 7/20/2023 Soil Vapor		SV-5 10-12 ft. bgs 7/20/2023 Soil Vapor		SV-6 10-12 ft. bgs 7/21/2023 Soil Vapor	
Result	LOD	Result	LOD	Result	LOD
ug/m³		ug/m³		ug/m³	
< 13	13	< 13	13	< 11	11
< 11	11	< 10	10	< 9	9
< 13	13	< 13	13	< 11	11
< 15	15	< 14	14	< 13	13
< 11	11	< 10	10	< 9	9
< 7.8	7.8	< 7.5	7.5	< 6.7	6.7
< 1.9	1.9	< 1.8	1.8	< 1.6	1.6
< 14	14	< 14	14	< 12	12
< 9.5	9.5	< 9.2	9.2	< 8.1	8.1
< 15	15	< 14	14	< 13	13
< 12	12	< 11	11	< 9.9	9.9
< 7.8	7.8	< 7.5	7.5	< 6.7	6.7
< 8.9	8.9	< 8.6	8.6	< 7.6	7.6
< 13	13	< 13	13	< 12	12
< 9.5	9.5	< 9.2	9.2	< 8.1	8.1
26	13	< 12	12	190	11
< 12	12	< 11	11	< 9.9	9.9
< 8.9	8.9	< 8.6	8.6	< 7.6	7.6
< 12	12	< 11	11	< 9.9	9.9
< 14	14	< 13	13	< 12	12
22	5.7	14	5.5	34	4.9
< 16	16	< 15	15	< 13	13
< 30	30	< 29	29	< 26	26
< 7.9	7.9	9.9	7.6	< 6.7	6.7
50	9.2	23	8.8	59	7.8
< 4.2	4.2	< 4	4	< 3.6	3.6
6.8	6.2	8.9	5.9	32	5.3
< 10	10	< 9.6	9.6	< 8.5	8.5
< 13	13	< 12	12	< 11	11
< 20	20	< 19	19	< 17	17
< 7.5	7.5	< 7.2	7.2	< 6.4	6.4
< 6	6	< 5.8	5.8	11	5.1
< 3	3	< 2.9	2.9	< 2.6	2.6
< 8.9	8.9	< 8.6	8.6	< 7.6	7.6
< 5.1	5.1	< 4.9	4.9	< 4.3	4.3
< 9.4	9.4	< 9.1	9.1	< 8	8
< 4	4	< 3.8	3.8	< 3.4	3.4
31	1.9	770	1.8	40	1.6
< 8.7	8.7	< 8.5	8.5	< 7.5	7.5
< 6.6	6.6	< 6.4	6.4	< 5.7	5.7
< 16	16	< 16	16	< 14	14
< 9.5	9.5	< 9.2	9.2	< 8.1	8.1
< 14	14	< 13	13	< 12	12
8.4	8.4	8.1	8.1	7.2	7.2
< 21	21	< 20	20	< 18	18
24	9.5	25	9.2	< 8.1	8.1
< 7.9	7.9	< 7.6	7.6	< 6.7	6.7
< 6.9	6.9	< 6.7	6.7	< 5.9	5.9
< 13	13	< 13	13	< 11	11
13	7.9	< 7.6	7.6	< 6.8	6.8
20	6.8	7.2	6.6	140	5.8
10	8.4	11	8.1	9.3	7.2
28	17	29	16	24	14
< 9.5	9.5	< 9.2	9.2	< 8.1	8.1
1600	3.3	< 3.2	3.2	5100	15
< 8.2	8.2	< 7.9	7.9	< 7	7
220	13	4600	25	330	11
< 11	11	< 11	11	< 9.7	9.7
55	7.3	52	7	48	6.2
< 7.6	7.6	140	7.4	< 6.5	6.5
< 8.7	8.7	< 8.5	8.5	< 7.5	7.5
25	2.6	850	2.5	16	2.2
< 11	11	< 10	10	< 9.3	9.3
< 6.8	6.8	< 6.6	6.6	< 5.8	5.8
< 8.4	8.4	< 8.1	8.1	< 7.2	7.2
< 2.5	2.5	< 2.4	2.4	< 2.1	2.1

NOTES:
LOD = limit of detection for analyte
ft. bgs = feet below ground surface

Table 20 - SiteWise™ Estimated Energy Use and 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 ₂ e) ☐	48.98
Total Energy Used (MMBtu) ☐	228
Total NO _x Emissions (metric tons) ☐	0.012
Total SO _x Emissions (metric tons) ☐	0.0065
Total PM ₁₀ Emissions (metric tons) ☐	0.0059