SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

959 Route 46E, Fl 3, Ste 300
Parsippany, NJ 07054
973.808.9050
www.sesi.org

# REMEDIAL INVESTIGATION REPORT

**For**

**C241283--Archer Ave Auto Repair and Coal Yard Site**
**163-25 Archer Avenue**
**Jamaica, Queens, NY**
**Site No. C241283**

Prepared for:

**Archer Towers Development LLC**

**November 3, 2025**

**SESI Contact:**
Fuad Dahan, PE
fd@sesi.org

**SESI Project No:**
12914

CERTIFICATIONS

"I, Fuad Dahan, certify that I am currently a NYS registered professional engineer and that this Remedial Investigation Report was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and DER Green and Sustainable Remediation (DER-31) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications."




11/3/2025



NYS Professional Engineer (# ) | Date | Signature

It is a violation of Article 130 of New York State Education Law for any person to alter this document in any way without the express written verification of adoption by any New York State licensed engineer in accordance with Section 7209(2), Article 130, New York State Education Law

## TABLE OF CONTENTS

**LIST OF ACRONYMS** ..... **i**
**1.0 INTRODUCTION** ..... **1**
**2.0 BACKGROUND** ..... **1**
2.1 Site Description ..... 1
2.2 Site History ..... 1
2.3 Previous Environmental Investigations ..... 1
2.3.1 Initial Investigations (2013-2014) ..... 2
2.3.2 Langan Phase I and Phase II Investigations (2017) ..... 2
2.3.3 Geophysical Survey Report (American Geophysics) – August 2019 ..... 3
2.3.4 Phase II Environmental Site Investigation Report, SESI, February 2024 ..... 3
**3.0 SITE SETTING** ..... **4**
3.1 Topography ..... 4
3.2 Surface Water and Drainage ..... 4
3.3 Geology ..... 4
3.4 Hydrogeology ..... 5
**4.0 REMEDIAL INVESTIGATION ACTIVITIES** ..... **6**
4.1 RI Sampling Summary ..... 6
4.2 Investigative Methodology ..... 6
4.3 Green Sustainable Remediation ..... 6
4.4 Soil Borings and Sampling ..... 7
4.5 Monitoring Well Installations ..... 7
4.6 Groundwater Sampling ..... 8
4.7 Soil Gas Investigation ..... 8
4.7.1 Soil Vapor Sampling ..... 8
4.7.2 Sampling Procedure ..... 9
4.8 Community Air Monitoring ..... 9
**5.0 REMEDIAL INVESTIGATION RESULTS** ..... **9**
5.1 Soil Investigation Results ..... 9
5.2 Groundwater ..... 14
5.3 Soil Gas Results ..... 16
**6.0 REMEDIAL INVESTIGATION FINDINGS AND SUMMARY** ..... **18**
6.1 Conceptual Site Model ..... 18
6.2 Human Health Exposure Assessment ..... 18
6.3 Fish and Wildlife Impact Analysis ..... 19

6.4 Date Usability Summary Report ..... 19
6.5 Recommendations ..... 20
6.5.1 Summary of RI Results ..... 20
6.5.2 Data Limitations and Recommendations and Recommendations for Future Work ..... 20
6.5.3 Recommended Remedial Action Objectives ..... 20
**7.0 COMMUNITY AIR MONITORING DATA ..... 20**
**8.0 DEVIATIONS FROM THE RIWP ..... 21**
**9.0 REFERENCES ..... 22**

**TABLES**

**TABLE 4.1** SAMPLING SUMMARY TABLE
**TABLE 4.2** MONITORING WELL CONSTRUCTION AND GAUGING TABLE
**TABLE 5.1** SUMMARY OF SOIL SAMPLING RESULTS—VOCs
**TABLE 5.2** SUMMARY OF SOIL SAMPLING RESULTS—SVOCs
**TABLE 5.3** SUMMARY OF SOIL SAMPLING RESULTS—PESTICIDES
**TABLE 5.4** SUMMARY OF SOIL SAMPLING RESULTS—METALS
**TABLE 5.5** SUMMARY OF SOIL SAMPLING RESULTS—PCBs
**TABLE 5.6** SUMMARY OF SOIL SAMPLING RESULTS—PFAS
**TABLE 5.7** PESTICIDE EXCEEDANCES IN SOIL
**TABLE 5.8** METALS EXCEEDANCES IN SOIL
**TABLE 5.9** PCB EXCEEDANCES IN SOIL
**TABLE 5.10** PFAS EXCEEDANCES IN SOIL
**TABLE 5.11** SUMMARY OF GROUNDWATER SAMPLE RESULTS—VOCs
**TABLE 5.12** SUMMARY OF GROUNDWATER SAMPLE RESULTS—SVOCS
**TABLE 5.13** SUMMARY OF GROUNDWATER SAMPLE RESULTS—PESTICIDES
**TABLE 5.14** SUMMARY OF GROUNDWATER SAMPLE RESULTS—METALS
**TABLE 5.15** SUMMARY OF GROUNDWATER SAMPLE RESULTS—PCBs
**TABLE 5.16** SUMMARY OF GROUNDWATER SAMPLE RESULTS—PFAS
**TABLE 5.17** VOC EXCEEDANCES IN GROUNDWATER
**TABLE 5.18** METALS EXCEEDANCES IN GROUNDWATER
**TABLE 5.19** PFAS EXCEEDANCES IN GROUNDWATER
**TABLE 5.20** SUMMARY OF SOIL VAPOR RESULTS
**TABLE 5.21** VOC DETECTIONS IN SOIL VAPOR AND AMBIENT AIR

**FIGURES**

**FIGURE 1.1** SITE LOCATION MAP

**FIGURE 2.1** CURRENT SITE PLAN

**FIGURE 2.2** REC LOCATION MAP

**FIGURE 4.1** SAMPLING LOCATION PLAN

**FIGURE 4.2** SAMPLING LOCATION PLAN & CONTAMINANT DISTRIBUTION IN SOIL

**FIGURE 4.3** SAMPLING LOCATION PLAN & CONTAMINANT DISTRIBUTION IN GROUNDWATER

**FIGURE 4.4** GROUNDWATER CONTOUR MAP

**FIGURE 4.5** SOIL GAS SAMPLING PLAN & RESULTS

**APPENDICES**

**APPENDIX A** PREVIOUS ENVIRONMENTAL REPORTS

**APPENDIX B** QUALITY ASSURANCE PROJECT PLAN

**APPENDIX C** BORING/MONITORING WELL CONSTRUCTION LOGS

**APPENDIX D** GROUNDWATER PURGE LOGS

**APPENDIX E** LABORATORY ANALYTICAL REPORTS

**APPENDIX F** DATA USABILITY SUMMARY REPORTS

**APPENDIX G** FISH AND WILDLIFE DECISION KEY

**APPENDIX H** COMMUNITY AIR MONITORING DATA

## LIST OF ACRONYMS

| Acronym | Definition |
|---|---|
| AWQS | Ambient Water Quality Standards |
| AWQGV | Ambient Water Quality Guidance Values |
| BCA | Brownfield Cleanup Agreement |
| BCP | Brownfield Cleanup Program |
| bgs | Below ground surface |
| COC | Contaminant of Concern |
| CVOC | Chlorinated Volatile Organic Compound |
| cy | Cubic yard |
| DER | Division of Environmental Remediation |
| DER-10 | NYSDEC Technical Guidance for Site Investigation & Remediation |
| DUSR | Data Usability Summary Report |
| ECs | Engineering Controls |
| ECL | Environmental Conservation Law |
| ELAP | Environmental Laboratory Accreditation Program |
| ft-bgs | feet below ground surface |
| GPR | Ground-penetrating Radar |
| MSL | Mean Sea Level |
| MW | Monitoring Well |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health |
| ORP | Oxidation/Reduction Potential |
| PAH | Polyaromatic Hydrocarbons |
| PCB | Polychlorinated Biphenyls |
| PCE | Tetrachloroethene |
| PE | Professional Engineer |
| PFAS | Per and Polyfluoroalkyl Substances |
| PFOA | Perfluorooctanoic Acid |
| PFOS | Perfluorooctanesulfonic Acid |
| PHC | Petroleum Hydrocarbon |
| PID | Photoionization Detector |
| RA | Remedial Action |
| RAWP | Remedial Action Work Plan |
| RCRA | Resource Conservation and Recovery Act |
| RECs | Recognized Environmental Concerns |
| RI | Remedial Investigation |
| RIR | Remedial Investigation Report |
| RIWP | Remedial Investigation Work Plan |

| Acronym | Definition |
|---|---|
| RRSCO | Restricted Residential Soil Cleanup Objective |
| RSCO | Residential Soil Cleanup Objective |
| SCG | Standards, Criteria, and Guidance |
| SCO | Soil Cleanup Objectives |
| SESI | SESI Consulting Engineers, DPC |
| SVI | Guidance for Evaluating Soil Vapor Intrusion in The State of New York (2006) with updates |
| SVOCs | Semi-Volatile Organic Compounds |
| TAL | Target Analyte List |
| TCL | Target Compound List |
| TOGS | Technical and Operations Guidance Series |
| UUSCO | Unrestricted Soil Cleanup Objective |
| USEPA | United States Environmental Protection Agency |
| UST | Underground Storage Tank |
| VOCs | Volatile Organic Compounds |

## 1.0 INTRODUCTION

The NYSDEC entered into a Brownfield Cleanup Agreement (BCA) Index No. C241283-06024 on August 9, 2024 with Archer Towers Development LLC, a Volunteer, for the property known as Archer Avenue Auto Repair and Coal Yard Site (BCP No. C241283; hereinafter referred to as the Site). A Site Location map is presented as **Figure 1.1**. This document consists of the Remedial Investigation Report (RIR), which is a summary of the Remedial Investigation (RI) work that was performed in accordance with the Remedial Investigation Work Plan (RIWP), approved by the NYSDEC on July 7, 2025. The RIR also includes a summary of prior investigations that were conducted prior to the execution of the BCA.

The RI was completed in accordance with the NYSDEC DER-10, to provide a systematic assessment of environmental conditions on the Site. The RI defines the nature and extent of contamination on Site, identifying contaminant source areas, and producing data of sufficient quantity and quality to complete an on-Site exposure assessment and a qualitative off-Site exposure assessment for purposes of designing the remedial action for the Site.

## 2.0 BACKGROUND

### 2.1 Site Description

The Site consists of a 0.853-acre parcel and is located at 163-25 Archer Avenue, Jamaica, Queens County, New York. The Site is currently one tax lot parcel identified as Block 10151, Lot 65. The Site is currently vacant and undeveloped, with all previous structures having been razed. Two (2) temporary office trailers and several storage containers currently sit on the Site. A current Site plan is presented as **Figure 2.1**. The REC Location Map is presented as **Figure 2.2**.

The Site is bound to the west by a residential apartment tower followed by Guy R. Brewer Boulevard, to the north by mixed-use commercial properties followed by Jamaica Avenue, to the east by a vacant lot followed by a three-story parking structure, and to the south by Archer Avenue followed by elevated Long Island Rail Road lines.

### 2.2 Site History

Historical uses of the Site of potential environmental concern include the E.C. Hendrickson & Co. Coal and Lumber Yard (circa 1886 to 1912), Frank R. Smith Masons' Supply and Coal Yard (1912-1925), a bus terminal with a lubritorium to lubricate engines with motor oil and a gasoline tank (circa 1925 through 1970), and a filling station with automotive repair and painting operations (circa 1963). Most recently, the Site contained an 8-story concrete and steel parking garage from the early 1970s until 2018. The former garage was demolished in 2019.

### 2.3 Previous Environmental Investigations

The following environmental reports that have been previously completed for the Site are summarized below.

- Phase I ESA – Gertz Plaza Acquisition 4 & 5, LLC, by Property Solutions Inc., October 7, 2013
- Limited Phase II Investigation – 163-05 Archer Avenue Queens, NY by J.R. Holzmacher P.E., LLC for United Construction & Development Group Corp., June 9, 2014
- Phase II Subsurface Investigation by Advanced Cleanup Technologies, Inc. for Cathay Bank, September 8, 2014
- Phase I Environmental Site Assessment, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C. (Langan), May 2017;
- Limited Phase II Environmental Site Investigation Report, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C. (Langan), July 2017;
- Geophysical Investigation Report, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by American Geophysics, August 2019; and
- Phase II Environmental Site Investigation Report, 163-25 Archer Avenue, Queens, New York, prepared by SESI, January 2024.

Previously collected data has not been validated and, therefore, will not be used to support remedial decisions moving forward. Only validated data generated under the current investigation will be included in tables, figures, and subsequent evaluations. Copies of the previous environmental reports are included in **Appendix A**.

### 2.3.1 Initial Investigations (2013-2014)

Three (3) initial investigations were conducted at the Site:

- Phase I ESA – Gertz Plaza Acquisition 4 & 5, LLC, by Property Solutions Inc., October 7, 2013
- Limited Phase II Investigation – 163-05 Archer Avenue Queens, NY by J.R. Holzmacher P.E., LLC for United Construction & Development Group Corp., June 9, 2014
- Phase II Subsurface Investigation by Advanced Cleanup Technologies, Inc. for Cathay Bank, September 8, 2014

An October 2013 Phase I report was prepared for the Site and the adjacent Lot 75 by Property Solutions Inc. for an affiliate of the former adjacent Gertz Department store. This report discussed the historical uses noted below. Thereafter, the June 2014 and September 2014 Phase II environmental investigations were performed on the Site and on Lot 75. None of the investigations revealed any exceedances of contamination above the Track 1 Unrestricted Use Soil Cleanup Objectives (UUSCOs). Only minor exceedances of the groundwater standards were identified and no elevated soil vapor levels were noted.

### 2.3.2 Langan Phase I and Phase II Investigations (2017)

Two (2) onsite RECs were identified in the Phase I ESA performed by Langan Engineering in 2017. These concur with the concerns identified during SESI's subsequent review of historic Sanborn maps, as detailed below.

- REC 1 – Historic Site Use: historical uses of the Site of potential environmental concern include a coal and lumber yard (circa 1886 to 1925), and a filling station with automotive repair and painting operations (circa 1963).
- REC 2 – Gasoline Tank: A gasoline tank of unknown size was shown in the southeastern corner of the Site on Sanborn maps from 1925 through 1951.

Based on a Limited Phase II Environmental Site Assessment Report from July 2017 prepared by Langan, once again no VOCs or PCBs were detected above UUSCOs or Restricted-Residential SCOs (RRSCOs) in the soil samples collected. However, SVOCs and Metals were detected above the Unrestricted and Restricted-Residential SCOs in the soil samples collected. The soil vapor sampling results indicated the presence of chlorinated VOCs, and several other VOCs above the anticipated range of background concentrations. Due to the presence of VOCs in soil vapor and the potential for the migration of VOCs into future site building, Langan recommended a vapor barrier be installed under a future site building.

Archer Towers Development LLC relied on the Langan Phase I to acquire the Site (Lot 65) and adjacent Lot 75 in January 2018. The new residential building on Lot 75 was the first phase of the planned two building project. Since Lot 75 was E-Designated, the Requestor remediated Lot 75 through the City's Office of Environmental Remediation (OER) program, eliminated the E-Designation, and constructed the first phase residential building on Lot 75.

### 2.3.3 Geophysical Survey Report (American Geophysics) – August 2019

In preparation for a project on Lot 65, prior to conducting any subsurface environmental drilling, SESI was hired to try to locate the gasoline tank on the Site. SESI's drilling contractor contacted New York's utility mark-out system. In addition, SESI retained the services of American Geophysics, a private utility locator, to locate underground utilities not included in the one-call and to conduct a geophysical survey to investigate the potential for historical underground storage tanks (USTs). American Geophysics performed the survey on August 20, 2019, and located several inactive underground utilities throughout the Site but no anomalies consistent with a UST.

### 2.3.4 Phase II Environmental Site Investigation Report, SESI, February 2024

SESI also performed several rounds of environmental soil, groundwater and soil vapor sampling in August 2019, which identified some UUSO exceedances but no RRSCO exceedances. Therefore, SESI did not advise that the Site was BCP eligible at that time. The second phase project was delayed several years due to funding. Before any construction commenced on this second phase project, SESI was hired once again to confirm earlier investigations. An investigation conducted in January 2024, which was more extensive than any of the prior investigations, revealed RRSCO exceedances. SESI prepared a Phase II Environmental Site Investigation report dated February 2024. The report summarized the results of 38 soil samples that were collected from 30 soil borings, one (1) groundwater sample that was collected from one (1) temporary well, and four (4) soil vapor samples that were collected from four (4) temporary vapor points.

The field investigation identified contaminated historic fill in the top 5 to 12 ft-bgs, and native soils consisting of dark brown sand, some gravel, little silt, trace clay, and trace silt that extend beyond the maximum boring depth of 15 ft-bgs. Pesticides, SVOCs, and Metals impacts were identified in soil exceeding the UUSCOs and restricted residential soil cleanup objectives (RRSCOs) at much higher levels than previously detected in the Langan 2017 Phase II or August 2019 initial SESI Phase II investigation across the Site at depths ranging from grade up to 8.5 ft-bgs. PCBs were also identified exceeding the UUSCOs in several soil samples across the Site to a maximum depth of 8 ft-bgs. The SVOC analyte benzo(a)anthracene, and various metals impacting groundwater were identified exceeding their respective ambient water quality standards (AWQS) in the temporary monitoring well TWP-1. Chlorinated VOCs Trichloroethene and Tetrachloroethene were detected in soil vapor at elevated Levels. Due to the presence of chlorinated VOCs and other VOCs being detected, it was noted that there is potential for the migration of VOCs into the future Site building.

The report concluded that the contamination on the Site is likely derived from the historic uses of the Site as well as from the presence of contaminated historic fill.

## 3.0 SITE SETTING

### 3.1 Topography

The topographic gradient at Site is generally flat of artificial grade. The Site is relatively level with regional topography gently sloping to the south. According to the United States Geological Survey Jamaica Quadrangle 7.5-minute Series Topographic Maps, the Subject Property sits at an elevation of approximately 60 feet above msl.

### 3.2 Surface Water and Drainage

There are no surface water bodies or streams on or directly adjacent to the Site. SESI did not observe any areas suspected to be wetlands on the Site. Storm water drainage patterns are generally consistent with the surrounding topography and primarily flow in a southerly direction across the Site.

### 3.3 Geology

Geologically, the Site soils are mapped as glacial soils overlying bedrock, consisting of varying amounts of sand, silt, gravel, cobbles and boulders. Based on the University of the State of New York Geologic Map of New York, Lower Hudson Sheet, 1970 (reprinted 1995), the Site is underlain by Upper Cretaceous period Coastal Plain Deposits, specifically the Monmouth Group, Matawan Group, and Magothy Formation, which generally consist of silty clay, glauconitic sandy clay, sand, and gravel. Based on the bedrock sheets of the University of the State of New York Geologic Map of New York, Lower Hudson, the bedrock on the Site consists of Onondaga Limestone at depth ranging from 450-1000 ft bgs.

Based on soil borings conducted during the SESI investigation, a historic fill layer was encountered below the surface materials in most borings to depths of 5 to 12 ft-bgs. The fill layer appears to be characterized by brown/black/gray sand with varying amounts of silt, gravel, brick and concrete. Beneath the existing fill are the natural soil deposits consisting primarily of dark brown sand, some gravel, little silt, trace clay, and trace silt (glacial till) that is presumed to extend beyond the terminal depth of the borings. Bedrock was not encountered during previous investigations.

### 3.4 Hydrogeology

During the remedial investigation, groundwater was encountered in Site monitoring wells at depths ranging between 31.2 to 39.8 ft-bgs (14.87 to 24.74 amsl) This is consistent with groundwater data obtained from nearby sites. The direction of groundwater flow follows the topography and flow in a southeasterly direction across the Site.

## 4.0 REMEDIAL INVESTIGATION ACTIVITIES

The RI was conducted in accordance with the NYSDEC DER-10, and in accordance with the Site approved RIWP between August 8 through September 23, 2025. The objective of the RI was to complete the investigation of soil, soil vapor, and groundwater on the Site and to delineate the nature and extent of the contamination on Site. An additional objective of the RI is to collect sufficient data to aid in evaluation of the potential for site-related contaminants to migrate off-site.

### 4.1 RI Sampling Summary

Field activities were completed between August 8 through September 23, 2025. Thirty-four (34) soil borings, six (6) permanent groundwater monitoring wells, and seven (7) soil vapor points were installed and sampled for the RECs described in Section 2.0. A Sampling Location Plan is provided as **Figure 4.1**. **Table 4.1** includes a summary of the samples collected and their analyses. **Figures 4.2, 4.3, and 4.4** present the sample locations for soil, groundwater, and soil vapor, respectively.

The soil and groundwater samples that were collected were analyzed for TCL/TAL +30 including metals (USEPA Methods 6010/7471), SVOCs (USEPA Method 8270), VOCs (USEPA Method 8270), PCBs, pesticides (USEPA Methods 8081/8082), PFAS (USEPA EPA Method 1633A), and 1,4 dioxane (USEPA Method 8270). Field Blanks were collected each day sampling was conducted, and trip blanks accompanied all groundwater samples analyzed for VOCs. The soil vapor samples were analyzed for VOCs in accordance with EPA Method TO-15.

### 4.2 Investigative Methodology

All the field work was completed under the on-Site observation of a SESI field engineer and the environmental professional engineer (PE). The field work involved advancing borings, installing permanent monitoring wells. Disposable field equipment was utilized to collect soil and groundwater samples. SESI observed the work completed by the following subcontractors:

- PG Environmental Services, Inc: installed soil borings, monitoring wells, and vapor points utilizing direct-push (Geoprobe) drilling techniques. Provided ground penetrating radar (GPR) and utility locating.
- SGS North America Inc.: Analyzed soil, soil vapor, and groundwater samples as per requested analytical methods.

The field work was conducted according to the procedure outlined in the Quality Assurance Project Plan, presented as **Appendix B**.

### 4.3 Green Sustainable Remediation

During the course of the Remedial Investigation field activities, SESI considered NYSDEC DER-31 “Green Remediation” implementation objectives. The NYSDEC DER’s approach to remediating sites in the context of the larger environment is a concept known as “Green Remediation”. Green Remediation is defined in NYSDEC DER-31 as “the practice of considering all environmental effects of remedy implementation and incorporating options to minimize the environmental footprint of cleanup actions.” The approach is intended to improve the overall

sustainability of the remediation by promoting the use of more sustainable practices and technologies. Green Remediation practices and technologies are less disruptive to the environment, generate less waste, increase reuse and recycling, and emit fewer pollutants, including greenhouse gases, to the atmosphere. Green Remediation concepts and techniques considered during the remedial investigation included:

- Eliminated idling vehicles and equipment when possible; reducing emission of $CO_2$, $N_2O$, $CH_4$, and other greenhouse gases contributing to climate change:
- Operation of particulate detectors to monitor and minimize dust export of contaminants:
- Operation of VOC detectors to monitor and minimize VOC exposures: and
- Conducting sampling events planned simultaneously to maximize level of efforts while traveling to/from the Site (economy of scale implementing multiple sampling events) and use of mass transit to travel to the Site.

### 4.4 Soil Borings and Sampling

A total of 170 soil samples were collected from 34 soil borings, including sixteen (16) additional delineation borings. Of this volume, 122 soil samples were analyzed, as a multitude of the soil samples were collected on a laboratory hold for contingency analyses for further investigative delineation of the former gasoline service station area at the Site. The borings were advanced utilizing direct-push and hollow stem augur drilling techniques. Borings were advanced to depths of approximately 20 ft bgs. Soil samples were collected utilizing a macro-core and split–spoon samplers. Samples for laboratory chemical analyses were collected based on field screening, which includes visual and olfactory observations and screening with photo-ionization detector (PID). The boring logs are provided in **Appendix C**.

Prior to drilling activities, PG Environmental Services, Inc conducted a geophysical survey across the Site to locate anomalies consistent with USTs, drywells, etc. and any underground utilities not identified by the one-call system. Results of the geophysical survey did not identify any anomalies detected.

It should be noted that the soil samples collected on August 8, 2025 were not initially analyzed for PFAS. To address this omission, SESI advanced additional borings at these original sampling locations on later dates during the investigation to collect sufficient volume for PFAS analysis. Supplemental samples were obtained from the following boring locations: RI-SB-01, RI-SB-02, RI-SB-03, RI-SB-05, RI-SB-06, RI-SB-07, RI-SB-08, RI-SB-12, and RI-SB-13.

Duplicate soil samples were collected during the remedial investigation as follows: DUP(1)2025-08-13 was collected concurrently with RI-SB-17(3.5-4); DUP(2)2025-08-13 was collected concurrently with RI-SB-14(2-2.5); DUP(3)2025-08-13 was collected concurrently with RI-SB-14(10.5-11); DUP(4)2025-08-13 was collected concurrently with RI-SB-14(16-16.5); DUP(5)2025-08-13 was collected concurrently with RI-SB-09(2.5-3); DUP(6)2025-08-13 was collected concurrently with RI-SB-09(7.5-8); DUP(7)2025-08-13 was collected concurrently with RI-SB-10(4-4.5); and, DUP(8)2025-08-13 was collected concurrently with RI-SB-10(11-11.5).

### 4.5 Monitoring Well Installations

Six (6) permanent groundwater monitoring wells were installed to investigate groundwater in the area of each REC. Groundwater samples were analyzed for TCL/TAL +30, PFAS, and 1-4 dioxane. The monitoring wells were installed to approximately 50.0 ft bgs. It should be noted that the wells were originally intended to be installed to approximately 40.0 ft bgs, but the observed groundwater table depth was noted to be deeper than anticipated based on past data. All the wells were constructed utilizing 2-inch PVC pipe with a 10-foot, 20 (0.020 inches) slot screen from approximately 40.0 to 50.0 ft bgs. The PVC screen was surrounded by #2 filter sand. The filter sand extends at least about one (1) foot above the screen. Bentonite about 1 foot thick was then placed on top of the filter sand and the remaining annular space around the PVC riser was grouted with cement/bentonite mix. The wells were subsequently completed with protective steel manholes as flush mount.

The monitoring wells were developed until the purge water being pumped was free of sediment, or the well no longer had groundwater present, whichever was encountered first. The development water was collected in drums for disposal off-Site. **Appendix C** includes the monitoring well construction logs.

### 4.6 Groundwater Sampling

On August 20, 2025, the monitoring wells were sampled in accordance with USEPA low flow sampling procedures. Approximately three (3) well volumes were purged, and the purge water was piped to a “flow cell,” where groundwater geochemical parameters such as pH, redox potential, specific conductance, dissolved oxygen, salinity and turbidity were measured at three (3) minute intervals. Drawdown during the well sampling was also measured. Field parameters including pH, dissolved oxygen, turbidity, specific conductance and oxidation/reduction potential (ORP) were measured. “Redi-flow” purging techniques were implemented to achieve stabilization. Groundwater samples were collected once the geochemical parameters stabilized for three consecutive readings. The groundwater purge logs are presented as **Appendix D**.

It should be noted that preserved vials were not initially submitted to the laboratory for monitoring well RI-MW-03 during the August 20, 2025 sampling event for VOC analysis. As a result, the laboratory aliquoted non-preserved sample volume for VOC analysis of RI-MW-03.

SESI returned to the Site on September 22 and 23, 2025 to collect the second round of groundwater samples. Groundwater was encountered in Site monitoring wells at depths ranging between 31.2 and 39.8 ft-bgs (14.87 to 24.74 amsl).

Duplicate groundwater samples were collected during the remedial investigation as follows: DUP20250820 was collected during the first round of groundwater sampling from RI-MW-6; and, DUP20250922 was collected during the second round of groundwater sampling from RI-MW-1.

A groundwater contour map was developed following SESI’s second round groundwater sampling event, which incorporates using well gauging and surveying data (**Figure 4.4**). The map depicts groundwater flow direction across the site. The Well Gauging and Survey data are presented on **Table 4.2.**

### 4.7 Soil Gas Investigation

#### 4.7.1 Soil Vapor Sampling

On August 19, 2025, SESI collected seven (7) soil vapor samples from seven (7) soil vapor probe locations. In addition, one (1) ambient air sample was collected from the Site concurrently with

soil vapor sampling. The soil vapor probes were advanced using direct push sampling equipment to a depth of 15 feet, as this is the approximate depth of the neighboring building basement at 92-33 Guy R Brewer Blvd. and the assumed depth for future development at the Site.

### 4.7.2 Sampling Procedure

Semi-permanent soil vapor probes were installed with an adequate surface seal to prevent outdoor air infiltration at each sampling location. Soil gas implants were installed using a direct push Geoprobe® to attain the depths as noted in **Table 4.1**. Porous, inert backfill packer sand was used to create a sampling column of two (2) feet in length. The implants were fitted with inert Teflon® tubing to the surface. Soil vapor probes were sealed above the sampling zone with a bentonite slurry for a minimum distance of three (3) feet. The remainder of the borehole was backfilled with clean material.

Prior to sampling, the soil vapor points were purged three (3) times the volume of the sample probe and tube. Flow rates for both purging and collecting were maintained below 0.2 liters per minute to minimize outdoor air infiltration during sampling. Samples were collected in certified 1.4-L Summa ® canisters provided by the laboratory. The ground surface was unpaved at the time of sampling which would not allow for sealing a helium trap over the vapor points, and therefore the helium tracer test was not conducted. All the samples were sent to SGS North America, Inc, an ELAP-accredited laboratory, for EPA TO-15 analysis.

### 4.8 Community Air Monitoring

Community air monitoring was performed during sub-surface investigation activities and is further discussed in **Section 7.0**.

## 5.0 REMEDIAL INVESTIGATION RESULTS

For purposes of evaluating the remedial alternatives associated with the proposed Site redevelopment, the analytical results of the soil samples were compared to the NYSDEC RRSCOs and UUSCOs. The constituent concentrations in groundwater were compared to the applicable NYSDEC Technical and Operations Guidance Series (TOGS) Class GA Ambient Water Quality Standards (AWQS). The *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006, with subsequent updates) and the NYSDOH Soil Vapor/Indoor Air Matrices were used as the basis for comparison in evaluating soil vapor data. However, results could not be directly compared to the Decision Matrices as no collocated indoor air samples were collected during the remedial investigation. Sampling locations and concentrations maps for soil, groundwater, and soil vapor are identified in **Figures 4.2, 4.3, and 4.4**. The laboratory data packages for soil, soil vapor and groundwater results are included as **Appendix E**. The Data Usability Summary Report (DUSR) is included in **Appendix F** of this report.

### 5.1 Soil Investigation Results

For purposes of evaluating the remedial alternatives associated with the proposed Site remediation and redevelopment, the analytical results of the soil samples were compared to the NYSDEC RRSCOs and UUSCOs, as presented in the following attached tables: Table 5.1

Summary of Soil Sampling Results—VOCs, Table 5.2 Summary of Soil Sampling Results—SVOCs, Table 5.3 Summary of Soil Sampling Results—Pesticides, Table 5.4 Summary of Soil Sampling Results—Metals, Table 5.5 Summary of Soil Sampling Results—PCBs, and Table 5.6 Summary of Soil Sampling Results—PFAS.

VOCs

VOCs were not detected at concentrations exceeding their respective NYSDEC RRSCOs or UUSCOs in any sample.

SVOCs

SVOCs were not detected at concentrations exceeding their respective NYSDEC RRSCOs or UUSCOs in any sample.

Pesticides

Several pesticides, including 4,4'-DDD, 4,4'-DDE, 4,4'-DDT, aldrin and dieldrin, were detected at concentrations exceeding their respective NYSDEC UUSCOs in one or more samples at depths ranging from 0.5 to 17.5 ft bgs. 4,4'-DDD was detected at a maximum concentration of 0.0084 mg/kg in sample RI-SB-18(2.5-3). 4,4'-DDE was detected at a maximum concentration of 0.0583 mg/kg in sample RI-SB-14(2-2.5). 4,4'-DDT was detected at a maximum concentration of 0.0059 mg/kg in sample RI-SB-14(2-2.5). Aldrin was detected at a maximum concentration of 0.0428 in sample RI-SB-03(2.5-3). Dieldrin was detected at a maximum concentration of 0.0164 mg/kg in sample RI-SB-03(2.5-3). Pesticide exceedances compared to NYDEC RRSCOs and UUSCOs are presented in **Table 5.7** below.

## TABLE 5.7 PESTICIDE EXCEEDANCES IN SOIL (mg/kg)

| Sample ID: | NY | NY | NY | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | RI-SB-04(1-1.5) | RI-SB-04(8.5-9) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | | |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | 0.0068 | ND (0.00064) | 0.0079 | ND (0.00063) | 0.0038 | ND (0.00068) | 0.0011 | ND (0.00061) |
| 4,4'-DDT | 7.9 | 0.0033 | 136 | 0.0014 | ND (0.00064) | 0.002 | ND (0.00063) | 0.0022 | ND (0.00068) | 0.0049 | ND (0.00061) |
| Aldrin | 0.097 | 0.005 | 0.19 | 0.0019 | ND (0.00064) | 0.0428 | ND (0.00063) | ND (0.00067) | ND (0.00068) | ND (0.0008) | ND (0.00061) |
| Dieldrin | 0.2 | 0.005 | 0.1 | 0.0043 | ND (0.00064) | 0.0164 | ND (0.00063) | 0.0019 | ND (0.00068) | ND (0.0008) | ND (0.00061) |

| Sample ID: | NY | NY | NY | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | RI-SB-09(2.5-3) | DUP(5)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | | |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | 0.0073 | ND (0.00064) | 0.0122 | ND (0.00064) | 0.0099 | ND (0.00063) | 0.0075 | ND (0.0007) |
| Aldrin | 0.097 | 0.005 | 0.19 | ND (0.00076) | ND (0.00064) | 0.0054 | ND (0.00064) | ND (0.00073) | ND (0.00063) | 0.0016 | ND (0.0007) |
| Dieldrin | 0.2 | 0.005 | 0.1 | 0.001 | ND (0.00064) | 0.0062 | ND (0.00064) | 0.0022 | ND (0.00063) | 0.0028 | ND (0.0007) |

| Sample ID: | NY | NY | NY | RI-SB-09(7.5-8) | DUP(6)2025-08-13 | RI-SB-09(12-12.5) | RI-SB-09(17-17.5) | RI-SB-10(4-4.5) | DUP(7)2025-08-13 | RI-SB-10(6.5-7) | RI-SB-10(11-11.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | | |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | 0.0099 | 0.0167 | ND (0.00066) | 0.0062 | 0.0158 | ND (0.00066) | 0.0101 | ND (0.00068) |
| 4,4'-DDT | 7.9 | 0.0033 | 136 | 0.0034 | 0.0065 | ND (0.00066) | 0.001 | 0.005 | ND (0.00066) | 0.0022 | ND (0.00068) |
| Dieldrin | 0.2 | 0.005 | 0.1 | 0.0069 | 0.0071 | ND (0.00066) | 0.001 | 0.0057 | ND (0.00066) | 0.0041 | ND (0.00068) |

| Sample ID: | NY | NY | NY | DUP(8)2025-08-13 | RI-SB-11(0.5-1) | RI-SB-11(5-5.5) | RI-SB-14(2-2.5) | DUP(2)2025-08-13 | RI-SB-14(6-6.5) | RI-SB-14(10.5-11) | DUP(3)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | | |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | 0.0096 | 0.0016 | 0.0111 | 0.0583 | 0.0269 | 0.0046 | 0.0026 | 0.0012 |
| 4,4'-DDT | 7.9 | 0.0033 | 136 | 0.002 | 0.0039 | 0.0035 | 0.0059 | 0.0036 | 0.0022 | 0.0056 | 0.0017 |
| Dieldrin | 0.2 | 0.005 | 0.1 | 0.0051 | 0.0014 | 0.0071 | 0.0021 | 0.0047 | 0.0018 | ND (0.00069) | ND (0.00069) |

| Sample ID: | NY | NY | NY | RI-SB-14(16-16.5) | DUP(4)2025-08-13 | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15N (7-7.5) | RI-SB-15E (7-7.5) | RI-SB-15W (7-7.5) | RI-SB-16 (0.5-1) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/15/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | | |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | ND (0.00068) | 0.0059 | 0.0037 | ND (0.0007) | 0.0036 | 0.0041 | 0.0063 | 0.0081 |

| Sample ID: | NY | NY | NY | RI-SB-16 (8.5-9) | RI-SB-17(3.5-4) | DUP(1)2025-08-13 | RI-SB-17(5.5-6) | RI-SB-17 (12.5-13) | RI-SB-18(2.5-3) | RI-SB-18(7.5-8) |
|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/12/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 |
| PESTICIDES (SW846 8081B) | | | | | | | | | | |
| 4,4'-DDD | 13 | 0.0033 | 14 | 0.0007 J | ND (0.00073) | ND (0.00072) | ND (0.00072) | ND (0.00064) | 0.0084 | ND (0.00069) |
| 4,4'-DDE | 8.9 | 0.0033 | 17 | 0.00092 | 0.0052 | 0.0085 | 0.0046 | ND (0.00064) | 0.004 | ND (0.00069) |

NOTES:

1. Results are measured in mg/kg.

ND = Non-Detect

= concentration exceeds UUSCO

= concentration exceeds RRSCO

= concentration exceeds PGWSCO

## Total Metals

Lead and mercury were detected at concentrations exceeding their respective NYSDEC RRSCOs in one or more samples at depths ranging from 2.5 to 16.0 ft bgs. Chromium, barium, copper, lead, mercury and zinc were detected at concentrations exceeding their respective NYSDEC UUSCOs in one or more samples at depths ranging from 1.0 to 16.0 ft bgs. Barium was detected at a maximum concentration of 359 mg/kg in sample RI-SB-16(15.5-16). Chromium was detected at a maximum concentration of 30.4 mg/kg in sample RI-SB-09 (2.5-3). Copper was detected at a maximum concentration of 55 mg/kg in sample R1-SB-05(2.5-3.0). Lead was detected at a maximum concentration of 1,280 mg/kg in sample RI-SB-16(15.5-16). Mercury was detected at a maximum concentration of 1.5 mg/kg in sample R1-SB-05(2.5-3.0). Zinc was detected at a maximum concentration of 1,490 mg/kg in sample R1-SB-12 (7.5-8.0). Metals exceedances compared to NYSDEC RRSCOs and UUSCOs are presented in **Table 5.8** below.

## TABLE 5.8 METALS EXCEEDANCES IN SOIL (mg/kg)

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-04(1-1.5) | RI-SB-04(8.5-9) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Copper | 270 | 50 | 1720 | 16.4 | 7.4 | 55 | 9 | 20.3 | 10.7 | 44.4 | 10 |
| Lead | 400 | 63 | 450 | 39.2 | ND (2.1) | 243 | ND (3.9) | 56.2 | 28.5 | 47.7 | 12 |
| Mercury | 0.81 | 0.18 | 0.73 | 0.24 | ND (0.028) | 1.5 | ND (0.030) | 0.12 | 0.063 | 0.048 | ND (0.028) |
| Zinc | 10000 | 109 | 2480 | 423 | 9.7 | 154 | 14 | 236 | 67.4 | 369 | 18.8 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-09(2.5-3) | DUP(5)2025-08-13 | RI-SB-09(7.5-8) | DUP(6)2025-08-13 | RI-SB-09(12-12.5) | RI-SB-10(4-4.5) | DUP(7)2025-08-13 | RI-SB-10(6.5-7) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Chromium | NS | NS | NS | 30.4 | 10.9 | 19.2 | 25.4 | 12.4 | 17.7 | 4.8 | 22.2 |
| Lead | 400 | 63 | 450 | 30.8 | 29.6 | 86.2 | 78.5 | 3.6 | 53.7 | ND (2.0) | 49.9 |
| Mercury | 0.81 | 0.18 | 0.73 | 0.037 | ND (0.032) | 0.12 | 0.083 | ND (0.029) | 0.069 | ND (0.030) | 0.053 |
| Zinc | 10000 | 109 | 2480 | 375 | 48.8 | 396 | 319 | 27.7 | 127 | 8.2 | 68.8 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-10 (11-11.5) | DUP(8)2025-08-13 | RI-SB-10 (19-19.5) | RI-SB-11(0.5-1) | RI-SB-11(5-5.5) | RI-SB-11(10-10.5) | RI-SB-11(15-15.5) | R1-SB-12 (2.5-3.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Lead | 400 | 63 | 450 | 2.2 | 164 | 2.7 | 96.7 | 52.3 | 45.4 | 2.6 | 25.9 |
| Zinc | 10000 | 109 | 2480 | 13.1 | 271 | 15.9 | 105 | 84.3 | 113 | 14 | 452 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | R1-SB-12 (7.5-8.0) | RI-SB-12(11-11.5) | RI-SB-12N(7.5-8) | RI-SB-12S(7.5-8) | RI-SB-12E(7.5-8) | RI-SB-12W(7.5-8) | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/8/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/8/2025 | 8/8/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Zinc | 10000 | 109 | 2480 | 1490 | 26 | 248 | 407 | 246 | 480 | 646 | 233 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | R1-SB-13 (12.5-13.0) | RI-SB-13N(7.5-8) | RI-SB-13S(7.5-8) | RI-SB-13E(7.5-8) | RI-SB-13W(7.5-8) | RI-SB-14(2-2.5) | DUP(2)2025-08-13 | RI-SB-14(6-6.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/8/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Lead | 400 | 63 | 450 | 12.1 | - | - | - | - | 84.6 | 70.3 | 19.4 |
| Zinc | 10000 | 109 | 2480 | 28.6 | 327 | 417 | 1330 | 123 | 193 | 289 | 360 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-14(10.5-11) | DUP(3)2025-08-13 | RI-SB-14(16-16.5) | DUP(4)2025-08-13 | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15N (7-7.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/12/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Lead | 400 | 63 | 450 | 12.2 | 34 | ND (2.2) | 30.7 | 29.2 | 25.5 | 3.9 | - |
| Zinc | 10000 | 109 | 2480 | 22.5 | 33.6 | 6.5 | 500 | 289 | 239 | 36.5 | 204 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-15S (7-7.5) | RI-SB-15E (7-7.5) | RI-SB-15W (7-7.5) | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16(11.5-12) | RI-SB-16(15.5-16) | RI-SB-17(3.5-4) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 | 8/13/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | | | | |
| Barium | 400 | 350 | 820 | - | - | - | 49.9 | 99.9 | ND (21) | 359 | 57.2 |
| Lead | 400 | 63 | 450 | - | - | - | 34.1 | 215 | 2.1 | 1280 | 30.5 |
| Mercury | 0.81 | 0.18 | 0.73 | - | - | - | 0.043 | 0.25 | ND (0.027) | ND (0.030) | ND (0.033) |
| Zinc | 10000 | 109 | 2480 | 595 | 321 | 225 | 325 | 328 | 13.4 | 41.7 | 290 |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | DUP(1)2025-08-13 | RI-SB-17(5.5-6) | RI-SB-17 (12.5-13) | RI-SB-18(2.5-3) | RI-SB-18(7.5-8) |
|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 |
| TOTAL METALS (SW846 6010D) | | | | | | | | |
| Lead | 400 | 63 | 450 | 11.9 | 47.4 | 2.3 | 351 | ND (2.1) |
| Mercury | 0.81 | 0.18 | 0.73 | 0.059 | ND (0.034) | ND (0.029) | 0.45 | ND (0.031) |
| Zinc | 10000 | 109 | 2480 | 78.8 | 476 | 39.5 | 182 | 13.6 |

NOTES:

1. Results are measured in mg/kg.

ND = Non-Detect

= concentration exceeds UUSCO

= concentration exceeds RRSCO

= concentration exceeds PGWSCO

## PCBs

Several PCBs, including Aroclor 1242 and Aroclor 1248, were detected at concentrations exceeding their NY UUSCOs in one or more samples at depths ranging from 1.0 to 7.5 ft bgs. Aroclor 1242 was detected at a maximum concentration of 0.26 mg/kg in sample R1-SB-12 (7.5-8.0). Aroclor 1248 was detected at a maximum concentration of mg/kg in sample. Aroclor 1254 was detected at a concentration exceeding its NY UUSCO in duplicate sample DUP(6)2025-08-13, collected alongside RI-SB-09(7.5-8). However, this compound did not exceed its NY UUSCO in any other sample. PCB exceedances compared to NYDEC RRSCOs and UUSCOs are presented in **Table 5.9** below.

**TABLE 5.9** PCB EXCEEDANCES IN SOIL (mg/kg)

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-04(1-1.5) | RI-SB-04(8.5-9) | RI-SB-09(2.5-3) | RI-SB-09(7.5-8) | DUP(6)2025-08-13 | RI-SB-09(17-17.5) | R1-SB-12 (7.5-8.0) | RI-SB-12(11-11.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/14/2025 |
| PCBs (SW846 8082A) | | | | | | | | | | | |
| Aroclor 1242 | 1 | 0.1 | 3.2 | 0.138 | ND (0.033) | ND (0.037) | ND (0.036) | ND (0.034) | ND (0.033) | 0.26 | ND (0.032) |
| Aroclor 1254 | 1 | 0.1 | 3.2 | 0.0797 | ND (0.033) | 0.0417 | 0.0486 | 0.129 | ND (0.033) | ND (0.035) | ND (0.032) |

| Sample ID: | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) |
|---|---|---|---|---|---|---|
| Date: | | | | 8/12/2025 | 8/12/2025 | 8/12/2025 |
| PCBs (SW846 8082A) | | | | | | |
| Aroclor 1248 | 1 | 0.1 | 3.2 | 0.174 | 0.14 | ND (0.035) |

NOTES:

1. Results are measured in mg/kg.

ND = Non-Detect

= concentration exceeds UUSCO

= concentration exceeds RRSCO

= concentration exceeds PGWSCO

## PFAS

PFAS compounds were detected at concentrations exceeding the NY guidance SCOs for two (2) PFAS compounds in soil, PFOA and PFOS, per the *NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoroalkyl Substances under NYSDEC's Part 375 Remedial Programs, April 2023* (PFAS Guidance). PFAS species PFOA and PFOS were detected at concentrations exceeding the respective guidance values of 0.66 ppb and 0.88 ppb, respectively, for Unrestricted Use; and/or 0.8 ppb and 1.0 ppb, respectively, for Protection of Groundwater, as provided in the PFAS Guidance for seven (7) of the soil samples. PFAS exceedances compared to NYSDEC RRSCOs, UUSCOs and PGWSCOs are presented in **Table 5.10** below.

**TABLE 5.10** PFAS EXCEEDANCES IN SOIL (ppb)

| Sample ID: | NY | NY | NY | R1-SB-03 (2.5-3.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| PFAS (EPA 1633A) | | | | | | | | | | | |
| PFOS | 44 | 0.88 | 1 | 0.384 | 0.337 | 0.148 J | 1.17 | 1.54 | ND (0.176) | 0.427 | 0.334 |
| PFOA | 33 | 0.66 | 0.8 | 1.04 | 1.04 | 0.0741 J | 0.501 | 0.628 | ND (0.176) | 0.718 | 0.131 J |

| Sample ID: | NY | NY | NY | RI-SB-09 (2.5-3) | DUP(5)2025-08-13 | RI-SB-09 (7.5-8) | DUP(6)2025-08-13 | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| PFAS (EPA 1633A) | | | | | | | | | | | |
| PFOS | 44 | 0.88 | 1 | 0.378 | 0.317 | 0.187 J | 0.525 | 0.356 | 0.372 | 1.2 | 0.2 |
| PFOA | 33 | 0.66 | 0.8 | 0.855 | 0.274 | 0.183 J | 0.186 J | 0.685 | 0.591 | 0.278 | 0.29 |

| Sample ID: | NY | NY | NY | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | DUP(3)2025-08-13 |
|---|---|---|---|---|---|---|
| Date: | RRSCO | UUSCO | PGWSCO | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| PFAS (EPA 1633A) | | | | | | |
| PFOS | 44 | 0.88 | 1 | 0.422 | 0.109 J | 0.120 J |
| PFOA | 33 | 0.66 | 0.8 | 0.704 | 0.153 J | 0.269 |

NOTES:
1. Results are measured in ppb.
ND = Non-Detect
ppb = Parts per billion

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

## 5.2 Groundwater

For purposes of evaluating the remedial alternatives associated with the proposed Site redevelopment, the constituent concentrations in groundwater were compared to the applicable NYSDEC TOGS Class GA AWQS as presented in the following attached tables: Table 5.11 Summary of Groundwater Sampling Results—VOCs, Table 5.12 Summary of Groundwater Sampling Results—SVOCs, Table 5.13 Summary of Groundwater Sampling Results—Pesticides, Table 5.14 Summary of Groundwater Sampling Results—Metals, Table 5.15 Summary of Groundwater Sampling Results—PCBs and Table 5.16 Summary of Groundwater Sample Results—PFAS.

VOCs

Three (3) VOCs, including chloroform, cis-1,2-dichloroethene and tetrachloroethene (PCE) were detected at concentrations exceeding their respective TOGS Class GA AWQS in one or more samples. Chloroform was detected at a maximum concentration of 17.7 ug/l in sample R1-MW-5 during the August sampling event. Cis-1,2-dichloroethene was detected at a maximum concentration of 6.8 ug/l in sample R1-MW-2 during the August sampling event. PCE was detected at a maximum concentration of 11.9 ug/l in sample R1-MW-2 during the August sampling event. VOC exceedances compared to NYSDEC TOGS Class GA AWQS are presented in **Table 5.17** below.

**TABLE 5.17** VOC EXCEEDANCES IN GROUNDWATER (ug/l)

| Sample ID: | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | DUP20250922 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | | 8/20/2025 | 9/22/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 |
| **VOCs (SW846 8260D)** | | | | | | | | | |
| Chloroform | ug/l | 7 | 7.7 | 4.2 | 4.2 | 9.7 | 4.5 | 2.8 | 0.90 J |
| cis-1,2-Dichloroethene | ug/l | 5 | 1.3 | 1.7 | 1.7 | 6.8 | 4.8 | ND (1.0) | ND (1.0) |
| Tetrachloroethene | ug/l | 5 | 5.3 | 4.9 | 4.7 | 11.9 | 7.3 | ND (1.0) | 0.92 J |

| Sample ID: | UNITS | NYS AWQS | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | DUP20250820 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 8/20/2025 | 9/23/2025 |
| **VOCs (SW846 8260D)** | | | | | | | | | |
| Chloroform | ug/l | 7 | 16.7 | 1.3 | 17.7 | 12 | 10.9 | 11.7 | 9 |
| cis-1,2-Dichloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Tetrachloroethene | ug/l | 5 | ND (1.0) | 0.67 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |

NOTES:
1. Results are measured in ug/l.
ug/l = Micrograms per liter
ND = Non-Detect
= concentration exceeds AWQS

## SVOCs

SVOCs were not detected at concentrations exceeding their respective NYSDEC TOGS Class GA AWQS in any sample.

## Pesticides

Pesticides were not detected at concentrations exceeding their respective NYSDEC TOGS Class GA AWQS in any sample.

## Total Metals

Three (3) metals, including iron, manganese and sodium were detected at concentrations exceeding their respective TOGS Class GA AWQS in one or more samples. Iron, manganese and sodium were detected at maximum concentrations of 4,480, 1,140 and 157.000 ug/l, respectively, in duplicate sample DUP20250922 collected from MW-2 during the August sampling event. Metals exceedances compared to NYSDEC TOGS Class GA AWQS are presented in **Table 5.18** below.

**TABLE 5.18** METALS EXCEEDANCES IN GROUNDWATER (ug/l)

| Sample ID: | UNITS | NYS | RI-MW-1 | RI-MW-1 | DUP20250922 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | AWQS | 8/20/2025 | 9/22/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | |
| Iron | ug/l | 300 | 1050 | 4420 | 4480 | 1220 | 319 | ND (100) | 154 |
| Manganese | ug/l | 300 | 72.8 | 1110 | 1140 | 57.9 | 314 | 36.2 | 399 |
| Sodium | ug/l | 20000 | 121000 | 157000 | 157000 | 87500 | 105000 | 109000 | 114000 |

| Sample ID: | UNITS | NYS | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | DUP20250820 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | AWQS | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 8/20/2025 | 9/23/2025 |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | |
| Iron | ug/l | 300 | 257 | 270 | 303 | 121 | 678 | 609 | ND (100) |
| Manganese | ug/l | 300 | 16.8 | 520 | 21.5 | 157 | 87 | 91.1 | 140 |
| Sodium | ug/l | 20000 | 101000 | 152000 | 108000 | 151000 | 98100 | 104000 | 125000 |

NOTES:
1. Results are measured in ug/l.
ug/l = Micrograms per liter
ND = Non-Detect
= concentration exceeds AWQS

## PCBs

PCBs were not detected at concentrations exceeding their respective NYSDEC TOGS Class GA AWQS in any sample.

## PFAS

PFAS species PFOA and PFOS were detected at concentrations exceeding their respective human health criteria of 6.7 ppt and 2.7 ppt, respectively, as provided in the PFAS Guidance for all of the groundwater samples. PFAS exceedances compared to NYSDEC Ambient Water Quality Guidance Values (AWQGV) Human Health Criteria [NYSDEC 4/2023]) are presented in **Table 5.19** below.

**TABLE 5.19** PFAS EXCEEDANCES IN GROUNDWATER (ppt)

| Sample ID: | UNITS | NYS | RI-MW-1 | RI-MW-1 | DUP20250922 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | AWQS | 8/20/2025 | 9/22/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 |
| **PFAS (EPA 1633A)** | | | | | | | | | |
| PFOA | ppt | 6.7 | 34.4 | 34.7 | 32 | 30 | 28.5 | 41.6 | 40.1 |
| PFOS | ppt | 2.7 | 35.3 | 38.9 | 32.5 | 30.9 | 42.2 | 86.1 | 75.8 |

| Sample ID: | UNITS | NYS | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | DUP20250820 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|
| Date: | | AWQS | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 8/20/2025 | 9/23/2025 |
| **PFAS (EPA 1633A)** | | | | | | | | | |
| PFOA | ppt | 6.7 | 35.7 | 62.0 | 37 | 37.8 | 37 | 38 | 46.1 |
| PFOS | ppt | 2.7 | 42.3 | 75.8 | 43.1 | 53.2 | 28.6 | 31.8 | 44.5 |

NOTES:
1. Results are measured in ppt.
ppt = Parts per trillion
ND = Non-Detect
= concentration exceeds AWQS

## 5.3 Soil Gas Results

The *Guidance for Evaluating Soil Vapor Intrusion in the State of New York* (NYSDOH, 2006, with subsequent updates) and the NYSDOH Soil Vapor/Indoor Air Matrices were used as the basis for comparison in evaluating soil vapor data. However, results could not be directly compared to the Decision Matrices as no collocated indoor air samples were collected during the remedial investigation. For purposes of evaluating the remedial alternatives associated with the proposed

Site, the constituent concentrations in soil vapor were compared to the applicable SVI Guidance and NYSDOH Soil Vapor/Indoor Air Matrices as a general gauge for determining notable levels of contaminants, as presented in attached **Table 5.20 Summary of Soil Vapor Results**.

PCE was detected at an elevated concentration of 163 ug/m$^3$ in sample RI-SV-5. Methylene chloride and hexane were detected at elevated concentrations of 14 ug/m$^3$ and 11 ug/m$^3$ in ambient air sample AA-1. No other elevated compounds identified in the SVI Guidance document were identified in soil vapor or ambient air samples across the Site. Detections in soil vapor and ambient air are presented in **Table 5.21** below.

**TABLE 5.21** VOC DETECTIONS IN SOIL VAPOR AND AMBIENT AIR (ug/m$^3$)

| Sample ID: | Units | SOIL VAPOR | | INDOOR AIR | | RI-SV-1 | RI-SV-2 | RI-SV-3 | RI-SV-4 | RI-SV-5 | RI-SV-6 | RI-SV-7 | AA-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Date: | | NYS Matrix | NYS Matrix | NYS Matrix | NYS Matrix | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 |
| Matrix: | | A-F High | A-F Low | A-F High | A-F Low | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Ambient Air |
| **VOCs (TO-15)** | | | | | | | | | | | | | |
| **MATRIX A** | | | | | | | | | | | | | |
| Trichloroethylene | ug/m$^3$ | 60 | 6 | 1 | 0.2 | ND (0.86) | 3.4 | 4.1 | ND (4.3) | ND (0.86) | 3.9 | ND (0.86) | ND (0.17) |
| **MATRIX B** | | | | | | | | | | | | | |
| Methylene chloride | ug/m$^3$ | 1000 | 100 | 10 | 3 | 21 | 3.3 | 46.9 | ND (14) | 4.2 | 17 | 3.2 | 14 |
| 1,1,1-Trichloroethane | ug/m$^3$ | 1000 | 100 | 10 | 3 | 18 | 6 | 3.9 | ND (11) | 14 | 4.9 | 17 | ND (0.44) |
| Tetrachloroethylene | ug/m$^3$ | 1000 | 100 | 10 | 3 | 14 | 92.2 | 10 | 25 | 163 | 64 | 10 | 4.1 |
| **MATRIX D** | | | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ug/m$^3$ | 600 | 60 | 10 | 2 | 12 | 9.8 | 7.9 | ND (20) | 11 | 6.9 | 14 | ND (0.79) |
| 1,3,5-Trimethylbenzene | ug/m$^3$ | 600 | 60 | 10 | 2 | ND (3.9) | 2.0 J | ND (3.9) | ND (20) | 2.5 J | ND (3.9) | 2.1 J | ND (0.79) |
| 2,2,4-Trimethylpentane | ug/m$^3$ | 600 | 60 | 10 | 2 | ND (3.7) | ND (3.7) | ND (3.7) | 18 J | ND (3.7) | ND (3.7) | ND (3.7) | 0.45 J |
| Benzene | ug/m$^3$ | 600 | 60 | 10 | 2 | ND (2.6) | 1.8 J | ND (2.6) | ND (13) | 3.1 | 1.3 J | ND (2.6) | 0.35 J |
| Ethylbenzene | ug/m$^3$ | 600 | 60 | 10 | 2 | ND (3.5) | 7.8 | ND (3.5) | ND (17) | 13 | 5.6 | ND (3.5) | 0.48 J |
| o-Xylene | ug/m$^3$ | NS | NS | 10 | 2 | 2.8 J | 10 | 2.4 J | ND (17) | 16 | 7.8 | 3.4 J | 0.61 J |
| **MATRIX E** | | | | | | | | | | | | | |
| Heptane | ug/m$^3$ | 2000 | 200 | 20 | 6 | ND (3.3) | 1.7 J | ND (3.3) | 12 J | 4.1 | ND (3.3) | ND (3.3) | ND (0.66) |
| Hexane | ug/m$^3$ | 2000 | 200 | 20 | 6 | 23 | 2.5 J | 33 | 15 | 3.5 | 18 | 3.2 | 11 |
| m,p-Xylene | ug/m$^3$ | 2000 | 200 | 20 | 6 | 8.3 | 29 | 6.5 | ND (17) | 45.6 | 20 | 10 | 1.6 |
| **MATRIX F** | | | | | | | | | | | | | |
| Toluene | ug/m$^3$ | 3000 | 300 | 50 | 10 | 2.1 J | 19 | 2.1 J | 7.5 J | 40.7 | 12 | 2.5 J | 1.9 |
| **NO MATRIX** | | | | | | | | | | | | | |
| 2-Hexanone | ug/m$^3$ | NS | NS | NS | NS | ND (3.3) | ND (3.3) | ND (3.3) | 270 | ND (3.3) | ND (3.3) | ND (3.3) | ND (0.65) |
| 4-Ethyltoluene | ug/m$^3$ | NS | NS | NS | NS | ND (3.9) | ND (3.9) | ND (3.9) | ND (20) | 2.6 J | ND (3.9) | 2.0 J | ND (0.79) |
| Acetone (2-Propanone) | ug/m$^3$ | NS | NS | NS | NS | 14 | 25.9 | 14 | 2120 | 39.9 | 20 | 13 | 10 |
| Carbon disulfide | ug/m$^3$ | NS | NS | NS | NS | 2.2 J | 1.5 J | ND (2.5) | 19 | 4 | ND (2.5) | 2.3 J | 0.65 |
| Chloroform | ug/m$^3$ | NS | NS | NS | NS | ND (3.9) | 15 | 15 | 43 | 4.9 | 15 | 22 | ND (0.78) |
| Chloromethane | ug/m$^3$ | NS | NS | NS | NS | ND (1.7) | ND (1.7) | ND (1.7) | ND (8.3) | ND (1.7) | ND (1.7) | ND (1.7) | 1.1 |
| Dichlorodifluoromethane | ug/m$^3$ | NS | NS | NS | NS | 4.9 | 3.5 J | ND (4.0) | ND (20) | 4.9 | 3.7 J | ND (4.0) | 2.5 |
| Ethanol | ug/m$^3$ | NS | NS | NS | NS | 4.3 | 64.1 | 4.5 | 98.2 | 124 | 49.4 | ND (3.8) | 8.3 |
| Ethyl Acetate | ug/m$^3$ | NS | NS | NS | NS | 6.5 | 7.6 | ND (2.9) | 14 J | 12 | ND (2.9) | ND (2.9) | 3.3 |
| Isopropyl Alcohol | ug/m$^3$ | NS | NS | NS | NS | 4.2 | 20 | 7.9 | 10 | 30.2 | 17 | 5.9 | 2.3 |
| Methyl ethyl ketone | ug/m$^3$ | NS | NS | NS | NS | 1.4 J | 4.4 | ND (2.4) | 2600 | 7.4 | 3.5 | 2.4 | 1 |
| Methylmethacrylate | ug/m$^3$ | NS | NS | NS | NS | ND (3.3) | ND (3.3) | ND (3.3) | ND (16) | 1.8 J | ND (3.3) | ND (3.3) | ND (0.66) |
| Propylene | ug/m$^3$ | NS | NS | NS | NS | 6 | 9.6 | 7.6 | 340 | 5.2 | 8.2 | 6.7 | ND (0.69) |
| Styrene | ug/m$^3$ | NS | NS | NS | NS | ND (3.4) | 4 | ND (3.4) | ND (17) | 7.7 | 3.1 J | ND (3.4) | ND (0.68) |
| Tertiary Butyl Alcohol | ug/m$^3$ | NS | NS | NS | NS | 4.2 | 10 | ND (2.4) | ND (12) | 18 | 7.6 | 4.5 | 0.79 |
| trans-1,2-Dichloroethylene | ug/m$^3$ | NS | NS | NS | NS | ND (3.2) | ND (3.2) | ND (3.2) | ND (16) | 2.0 J | ND (3.2) | ND (3.2) | ND (0.63) |
| Trichlorofluoromethane | ug/m$^3$ | NS | NS | NS | NS | 77 | 139 | 107 | 14 | 117 | 131 | 187 | 3 |
| Vinyl Acetate | ug/m$^3$ | NS | NS | NS | NS | ND (2.8) | ND (2.8) | ND (2.8) | 16 | 1.8 J | ND (2.8) | ND (2.8) | ND (0.56) |
| Xylenes (total) | ug/m$^3$ | NS | NS | NS | NS | 11 | 39 | 8.9 | ND (17) | 61.6 | 28 | 13 | 2.2 |

NOTES:
1. Results are measured in ug/m$^3$.
ND = Not Detected
NS = No Standard

# 6.0 REMEDIAL INVESTIGATION FINDINGS AND SUMMARY

## 6.1 Conceptual Site Model

The overall depth of impacted soils ranged from 0.5 to 17.5 ft bgs. Metals contaminated soils exceeding the RRSCOs extends from 2.5 to 16.0 ft bgs. Lead, specifically, was identified at concentrations exceeding its RRSCO in one sample from 15.5-16.0 ft bgs. Additional investigation will be needed to determine the source and extent of lead. Metals contaminated soils exceeding the UUSCO extends from 1.0 to 16.0 ft bgs in certain areas. Pesticide-impacted soils exceeding the UUSCO extends from 0.5 to 17.5 ft bgs in certain areas. PCB contaminated soils exceeding the UUSCO extends from 1.0 to 7.5 ft bgs in certain areas.

The applicable standards criteria and guidance (SCGs) for the Site groundwater are the NYSDEC TOGS 1.1.1 AWQS. Three (3) VOCs, including chloroform, cis-1,2-dichloroethene and tetrachloroethene (PCE) were detected at concentrations exceeding their respective TOGS Class GA AWQS in one or more samples. Although the site historically contained fuel oil storage tanks, there is no evidence that petroleum-related releases are contributing to the detected PCE. The PCE and cis 1,2 DCE were detected in the 2 upgradient wells on the Site (Ri-MW-01 And RI-MW-02). The presence of PCE is likely due to historical off-site or upgradient sources, with dissolved-phase migration occurring along the groundwater flow path toward the site. However, groundwater in this area of Jamaica, Queens is not used for drinking and contaminants in groundwater are not a concern to human health.

Finally, PCE detected in soil vapor can result in soil vapor intrusion into the future on-Site buildings. A vapor intrusion evaluation will be needed for this Site proposed enclosed areas as this PCE concentration may result in soil vapor intrusion into the future on-Site buildings. Once present in groundwater, PCE may volatilize and migrate upward through the vadose zone, resulting in the detections within the soil vapor samples. The observed PCE concentrations are consistent with vapor intrusion potential from the underlying groundwater impacts.

## 6.2 Human Health Exposure Assessment

This exposure assessment discusses potential migration routes by which contaminants in the environment may be able to reach human receptors in accordance with NYSDEC DER-10 sections 3.14(c)17, 3.3(c)4 and Appendix 3B. This discussion is based on current and hypothetical future Site conditions at the investigation area.

An exposure assessment must evaluate five (5) elements that comprise an exposure pathway. A complete exposure pathway includes the following:

1. A description of the contaminant source. If the original source is unknown, then a description of the contaminated environmental medium at the point of exposure;
2. An explanation of the transport mechanism;
3. An identification of all potential exposure points;
4. A description of the exposure route at the contact point; and
5. A receptor population.

There are some exposure pathways related to the contamination if left unaddressed:

- The exposure pathway can be through direct physical contact with the discharged products or contact with the impacted soils. However, the soil source will be removed through RAWP activities.
- Metals exceedances of the RRSCOs in the Site soil that consist of contaminated fill from 0.0 to approximately 16.0 feet below grade pose a risk to human health. The exposure pathway to humans can be through direct dermal contact with the contaminated soils or incidental ingestion.
- The CVOC levels in the Site soil vapors were found to exceed the NYSDOH Matrix threshold values at concentrations that may cause a vapor intrusion risk. The exposure route for soil vapor is through the inhalation of the contaminated soil vapor that may intrude into the enclosed spaces of any planned Site development.

### 6.3 Fish and Wildlife Impact Analysis

The Site does not contain any ecologically sensitive resources or nearby fish or wildlife receptors and hence the Site contamination is not expected to have any impacts on any ecological resources. The Fish and Wildlife Decision Key is presented as **Appendix G**.

### 6.4 Date Usability Summary Report

To validate laboratory analytical data, Data Usability Summary Reports (DUSR) for each laboratory analytical data package are being prepared. To ensure that the field sampling and laboratory analytical practices were acceptable, the data associated with all the samples will be validated by a third party (in accordance with requirements of DER-10). The DUSRs will be included in an amended RIR upon receipt of the validated data.

The DUSR will include data sets from this phase of the remedial investigation. The DUSR will be carried out as specified in DER-10 to evaluate the quality control measures that were implemented during the field and laboratory analytical programs, with the objective of determining whether the reported analytical data are representative and usable for decision making. The DUSR will evaluate whether the data are technically defensible (i.e. were all analytical data requirements met and documented?). Data usability analysis will review the Site data to determine whether they are adequate to draw conclusions regarding the nature and extent of contamination.

The items that will be reviewed as part of the DUSR include the following:

- Completeness (number of samples collected and analyzed compared to plans)
- Chains of custody are complete and accurate
- Holding times
- Instrument calibration

- Relative percent difference between field duplicates
- Reasonableness of data (e.g. relationships between total and soluble analytes)
- Blank contamination

### 6.5 Recommendations

#### 6.5.1 Summary of RI Results

The RI filled in the missing data gaps building on prior investigations and completed the nature and extent delineation in all on-site media of contamination at the Site to the extent required to determine a remedial action for the Site. Track 1 through 4 cleanup remedies will be evaluated in the Remedial Action Work Plan (RAWP).

The RI has also determined that contaminated soil underlaying the entire Site ranges from 0.5 to 17.5 ft bgs, which is found to be impacted with pesticides, metals and PCBs. The estimated volume of soil exceeding the UUSCOs is approximately 13,000± cubic yards.

In order to render the Site usable for future development, the RAWP will address the remedial alternatives to limit the exposure to the impacted soils and mitigate the impact to groundwater from on-site sources. It will also address alternatives to mitigate exposures to any VOC vapor intrusion into the proposed development.

#### 6.5.2 Data Limitations and Recommendations and Recommendations for Future Work

The RI results provide sufficient data to develop a feasible, conceptual remedy for the impacted groundwater and soils.

#### 6.5.3 Recommended Remedial Action Objectives

The RI has determined that remedial action needs to be implemented to remediate the contaminated soil, which is cause an exposure and impact to groundwater risks. In addition, further evaluation of soil vapor is needed for VOCs detected in soil vapor. The specific alternatives proposed will be fully evaluated in the RAWP.

## 7.0 COMMUNITY AIR MONITORING DATA

Community air monitoring was performed during sub-surface investigation activities. Air monitoring concentrations did not exceed applicable action levels during the investigation and elevated levels of visual dust were not observed.

The upwind DustTrak (Serial No. 8530152610) malfunctioned on August 15, 2025 due to a flow error after running continuously for 5 minutes. However, the downwind DustTrak (Serial No. 8530173226) collected readings for approximately 7.0 hours and identified no concentrations exceeding application action levels during drilling activities. Community air monitoring readings

were not collected during drilling activities on August 18, 2025, as precipitation provided sufficient natural dust suppression in accordance with CAMP requirements. The community air monitoring data is provided in **Appendix H.**

## 8.0 DEVIATIONS FROM THE RIWP

There were no deviations from the approved RIWP, with the exception of the following:

- The upwind DustTrak malfunctioned on August 15, 2025 due to a flow error after running continuously for 5 minutes, resulting in a lack of upwind CAMP readings on that date. However, the downwind DustTrak (Serial No. 8530173226) collected readings for approximately 7.0 hours and identified no concentrations exceeding application action levels during drilling activities.
- Community air monitoring readings were not collected during drilling activities on August 18, 2025, as precipitation provided sufficient natural dust suppression in accordance with CAMP requirements.
- The onsite monitoring wells were originally intended to be installed to approximately 40.0 ft bgs, but the observed groundwater table depth was noted to be deeper than anticipated based on past data. All the wells were constructed utilizing 2-inch PVC pipe with a 10-foot, 20 (0.020 inches) slot screen from approximately 40.0 to 50.0 ft bgs.
- During the RI (August 8th – September 23rd, 2025), daily reports were not sent to NYSDEC and NYSDOH until October 7, 2025.
- The groundwater sampling event of August 20 was conducted using the low-flow sampling technique; however, the low flow purge sheet and well depth gauging data were lost and are not included in this report.

## 9.0 REFERENCES

A. Phase I ESA – Gertz Plaza Acquisition 4 & 5, LLC, by Property Solutions Inc., October 7, 2013

B. Limited Phase II Investigation – 163-05 Archer Avenue Queens, NY by J.R. Holzmacher P.E., LLC for United Construction & Development Group Corp., June 9, 2014

C. Phase II Subsurface Investigation by Advanced Cleanup Technologies, Inc. for Cathay Bank, September 8, 2014

D. Phase I Environmental Site Assessment, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C. (Langan), May 2017;

E. Limited Phase II Environmental Site Investigation Report, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by Langan Engineering, Environmental, Surveying, and Landscape Architecture, D.P.C. (Langan), July 2017;

F. Geophysical Investigation Report, 163-05 Archer Avenue and 165-25 Archer Avenue, Queens, New York, prepared by American Geophysics, August 2019; and

G. Phase II Environmental Site Investigation Report, 163-25 Archer Avenue, Queens, New York, prepared by SESI, January 2024.

# Tables

| BORING ID | SLEEVE INTERVAL (ft bgs) | SAMPLE ID | SAMPLE INTERVAL (ft bgs) | COLLECT DATE | LAB ORDER | ANALYSIS |
|---|---|---|---|---|---|---|
| **SOIL** | | | | | | |
| RI-SB-01 | 0'-5' | RI-SB-01 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-01 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-01 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-01 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-01 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-01 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-01 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-01 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-02 | 0'-5' | RI-SB-02 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-02 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-02 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-02 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-02 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-02 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-02 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-02 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-03 | 0'-5' | RI-SB-03 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-03 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-03 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-03 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-03 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-03 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-03 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-03 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-04 | 0'-5' | RI-SB-04 (1.0-1.5) | 1.0-1.5 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-04 (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-04 (13.5-14.0) | 13.5-14.0 | | | |
| | 15'-20' | RI-SB-04 (18.0-18.5) | 18.0-18.5 | | | |
| RI-SB-05 | 0'-5' | RI-SB-05 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-05 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-05 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-05 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-05 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-05 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-05 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-05 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-06 | 0'-5' | RI-SB-06 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-06 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-06 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-06 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-06 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-06 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-06 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-06 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-07 | 0'-5' | RI-SB-07 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-07 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-07 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-07 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-07 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-07 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-07 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-07 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-08 | 0'-5' | RI-SB-08 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-08 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-08 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-08 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-08 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-08 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-08 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-08 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-09 | 0'-5' | RI-SB-09 (2.5-3.0) | 2.5-3.0 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-09 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-09 (12.0-12.5) | 12.0-12.5 | | | |
| | 15'-20' | RI-SB-09 (17.0-17.5) | 17.0-17.5 | | | |
| RI-SB-10 | 0'-5' | RI-SB-10 (4.0-4.5) | 4.0-4.5 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-10 (6.5-7.0) | 6.5-7.0 | | | |
| | 10'-15' | RI-SB-10 (11.0-11.5) | 11.0-11.5 | | | |
| | 15'-20' | RI-SB-10 (19.0-19.5) | 19.0-19.5 | | | |
| RI-SB-11 | 0'-5' | RI-SB-11 (0.5-1.0) | 0.5-1.0 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-11 (5.0-5.5) | 5.0-5.5 | | | |
| | 10'-15' | RI-SB-11 (10.0-10.5) | 10.0-10.5 | | | |
| | 15'-20' | RI-SB-11 (15.0-15.5) | 15.0-15.5 | | | |

| BORING ID | SLEEVE INTERVAL (ft bgs) | SAMPLE ID | SAMPLE INTERVAL (ft bgs) | COLLECT DATE | LAB ORDER | ANALYSIS |
|---|---|---|---|---|---|---|
| **SOIL (Continued)** | | | | | | |
| RI-SB-12 | 0'-5' | RI-SB-12 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-12 (7.5-8.0) | 7.5-8.0 | | | |
| | 0'-5' | RI-SB-12 (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-12 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-12 (11.0-11.5) | 11.0-11.5 | | | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 15'-20' | RI-SB-12 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-12N | 0'-5' | RI-SB-12N (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-12N (7.5-8.0) | 7.5-8.0 | | | Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-12N (11.0-11.5) | 11.0-11.5 | | | Not Analyzed |
| | 15'-20' | RI-SB-12N (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-12S | 0'-5' | RI-SB-12S (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-12S (7.5-8.0) | 7.5-8.0 | | | Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-12S (11.0-11.5) | 11.0-11.5 | | | Not Analyzed |
| | 15'-20' | RI-SB-12S (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-12E | 0'-5' | RI-SB-12E (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-12E (7.5-8.0) | 7.5-8.0 | | | Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-12E (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-12E (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-12W | 0'-5' | RI-SB-12W (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-12W (7.5-8.0) | 7.5-8.0 | | | Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-12W (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-12W (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-13 | 0'-5' | RI-SB-13 (2.5-3.0) | 2.5-3.0 | 8/8/2025 | JE16734 | TCL/TAL+30<br>1,4-Dioxane |
| | 5'-10' | RI-SB-13 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-13 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-13 (17.5-18.0) | 17.5-18.0 | | | |
| | 0'-5' | RI-SB-13 (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | PFAS (EPA 1633A) |
| | 5'-10' | RI-SB-13 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-13 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-13 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-13N | 0'-5' | RI-SB-13N (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-13N (7.5-8.0) | 7.5-8.0 | | | Zinc |
| | 10'-15' | RI-SB-13N (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-13N (17.5.18.0) | 17.5.18.0 | | | |
| RI-SB-13S | 0'-5' | RI-SB-13S (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-13S (7.5-8.0) | 7.5-8.0 | | | Zinc |
| | 10'-15' | RI-SB-13S (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-13S (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-13E | 0'-5' | RI-SB-13E (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-13E (7.5-8.0) | 7.5-8.0 | | | Zinc |
| | 10'-15' | RI-SB-13E (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-13E (17.5.18.0) | 17.5.18.0 | | | |
| RI-SB-13W | 0'-5' | RI-SB-13W (2.5-3.0) | 2.5-3.0 | 8/14/2025 | JE17104 | Not Analyzed |
| | 5'-10' | RI-SB-13W (7.5-8.0) | 7.5-8.0 | | | Zinc |
| | 10'-15' | RI-SB-13W (12.5-13.0) | 12.5-13.0 | | | Not Analyzed |
| | 15'-20' | RI-SB-13W (17.5.18.0) | 17.5.18.0 | | | |
| RI-SB-14 | 0'-5' | RI-SB-14 (2.0-2.5) | 2.0-2.5 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-14 (6.0-6.5) | 6.0-6.5 | | | |
| | 10'-15' | RI-SB-14 (10.5-11.0) | 10.5-11.0 | | | |
| | 15'-20' | RI-SB-14 (16.0-16.5) | 16.0-16.5 | | | |
| RI-SB-15 | 0'-5' | RI-SB-15 (4.5-5.0) | 4.5-5.0 | 8/12/2025 | JE16953 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-15 (7.0-7.5) | 7.0-7.5 | | | |
| | 10'-15' | RI-SB-15 (10.0-10.5) | 10.0-10.5 | 8/15/2025 | JE17209 | |
| | 15'-20' | RI-SB-15 (16.0-16.5) | 16.0-16.5 | | | |
| RI-SB-15N | 0'-5' | RI-SB-15N (4.5-5.0) | 4.5-5.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-15N (7.0-7.5) | 7.0-7.5 | | | 4,4'-DDE, Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-15N (10.0-10.5) | 10.0-10.5 | 8/15/2025 | JE17209 | Not Analyzed |
| | 15'-20' | RI-SB-15N (16.0-16.5) | 16.0-16.5 | | | |
| RI-SB-15S | 0'-5' | RI-SB-15S (4.5-5.0) | 4.5-5.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-15S (7.0-7.5) | 7.0-7.5 | | | 4,4'-DDE, Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-15S (10.0-10.5) | 10.0-10.5 | | | Not Analyzed |
| | 15'-20' | RI-SB-15S (15.5-16.0) | 15.5-16.0 | | | |
| RI-SB-15E | 0'-5' | RI-SB-15E (4.5-5.0) | 4.5-5.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-15E (7.0-7.5) | 7.0-7.5 | | | 4,4'-DDE, Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-15E (10.0-10.5) | 10.0-10.5 | 8/15/2025 | JE17209 | Not Analyzed |
| | 15'-20' | RI-SB-15E (16.0-16.5) | 16.0-16.5 | | | |
| RI-SB-15W | 0'-5' | RI-SB-15W (4.5-5.0) | 4.5-5.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-15W (7.0-7.5) | 7.0-7.5 | | | 4,4'-DDE, Aroclor 1248, Zinc |
| | 10'-15' | RI-SB-15W (10.0-10.5) | 10.0-10.5 | 8/15/2025 | JE17209 | Not Analyzed |
| | 15'-20' | RI-SB-15W (16.0-16.5) | 16.0-16.5 | | | |

| BORING ID | SLEEVE INTERVAL (ft bgs) | SAMPLE ID | SAMPLE INTERVAL (ft bgs) | COLLECT DATE | LAB ORDER | ANALYSIS |
|---|---|---|---|---|---|---|
| **SOIL (Continued)** | | | | | | |
| RI-SB-16 | 0'-5' | RI-SB-16 (0.5-1.0) | 0.5-1.0 | 8/12/2025 | JE16953 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-16 (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-16 (11.5-12.0) | 11.5-12.0 | 8/14/2025 | JE17104 | |
| | 15'-20' | RI-SB-16 (15.5-16.0) | 15.5-16.0 | | | |
| RI-SB-16N | 0'-5' | RI-SB-16N (0.5-1.0) | 0.5-1.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-16N (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-16N (11.5-12.0) | 11.5-12.0 | 8/15/2025 | JE17209 | |
| | 15'-20' | RI-SB-16N (15.5-16.0) | 15.5-16.0 | | | 4,4'-DDE, Barium, Lead, Mercury, Zinc |
| RI-SB-16S | 0'-5' | RI-SB-16S (0.5-1.0) | 0.5-1.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-16S (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-16S (11.5-12.0) | 11.5-12.0 | | | |
| | 15'-20' | RI-SB-16S (15.5-16.0) | 15.5-16.0 | | | 4,4'-DDE, Barium, Lead, Mercury, Zinc |
| RI-SB-16E | 0'-5' | RI-SB-16E (0.5-1.0) | 0.5-1.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-16E (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-16E (11.5-12.0) | 11.5-12.0 | 8/15/2025 | JE17209 | |
| | 15'-20' | RI-SB-16E (15.5-16.0) | 15.5-16.0 | | | 4,4'-DDE, Barium, Lead, Mercury, Zinc |
| RI-SB-16W | 0'-5' | RI-SB-16W (0.5-1.0) | 0.5-1.0 | 8/12/2025 | JE16953 | Not Analyzed |
| | 5'-10' | RI-SB-16W (8.5-9.0) | 8.5-9.0 | | | |
| | 10'-15' | RI-SB-16W (11.5-12.0) | 11.5-12.0 | 8/14/2025 | JE17104 | |
| | 15'-20' | RI-SB-16W (15.5-16.0) | 15.5-16.0 | | | 4,4'-DDE, Barium, Lead, Mercury, Zinc |
| RI-SB-17 | 0'-5' | RI-SB-17 (3.5-4.0) | 3.5-4.0 | 8/13/2025 | JE17019 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-17 (5.5-6.0) | 5.5-6.0 | | | |
| | 10'-15' | RI-SB-17 (12.5-13.0) | 12.5-13.0 | 8/15/2025 | JE17209 | |
| | 15'-20' | RI-SB-17 (17.5-18.0) | 17.5-18.0 | | | |
| RI-SB-18 | 0'-5' | RI-SB-18 (2.5-3.0) | 2.5-3.0 | 8/18/2025 | JE17282 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane |
| | 5'-10' | RI-SB-18 (7.5-8.0) | 7.5-8.0 | | | |
| | 10'-15' | RI-SB-18 (12.5-13.0) | 12.5-13.0 | | | |
| | 15'-20' | RI-SB-18 (17.5-18.0) | 17.5-18.0 | | | |
| **GROUNDWATER** | | | | | | |
| RI-MW-1 | - | RI-MW-1 | - | 8/20/2025 | JE17552 | TCL/TAL+30<br>PFAS (EPA 1633A)<br>1,4-Dioxane (SIM) |
| RI-MW-1 | - | RI-MW-1 | - | 9/22/2025 | JE19794 | |
| RI-MW-2 | - | RI-MW-2 | - | 8/20/2025 | JE17552 | |
| RI-MW-2 | - | RI-MW-2 | - | 9/22/2025 | JE19794 | |
| RI-MW-3 | - | RI-MW-3 | - | 8/20/2025 | JE17552 | |
| RI-MW-3 | - | RI-MW-3 | - | 9/22/2025 | JE19794 | |
| RI-MW-4 | - | RI-MW-4 | - | 8/20/2025 | JE17552 | |
| RI-MW-4 | - | RI-MW-4 | - | 9/22/2025 | JE19794 | |
| RI-MW-5 | - | RI-MW-5 | - | 8/20/2025 | JE17552 | |
| RI-MW-5 | - | RI-MW-5 | - | 9/23/2025 | JE19794 | |
| RI-MW-6 | - | RI-MW-6 | - | 8/20/2025 | JE17552 | |
| RI-MW-6 | - | RI-MW-6 | - | 9/23/2025 | JE19794 | |
| **SOIL VAPOR** | | | | | | |
| RI-SV-1 | - | RI-SV-1 | 15.0 | 8/19/2025 | JE17470 | TO-15 |
| RI-SV-2 | - | RI-SV-2 | 15.0 | 8/19/2025 | JE17470 | |
| RI-SV-3 | - | RI-SV-3 | 15.0 | 8/19/2025 | JE17470 | |
| RI-SV-4 | - | RI-SV-4 | 15.0 | 8/19/2025 | JE17470 | |
| RI-SV-5 | - | RI-SV-5 | 15.0 | 8/19/2025 | JE17470 | |
| RI-SV-6 | - | RI-SV-6 | 15.0 | 8/19/2025 | JE17470 | |
| RI-SV-7 | - | RI-SV-7 | 15.0 | 8/19/2025 | JE17470 | |
| - | - | AA-1 | - | 8/19/2025 | JE17470 | |
| **QA/QC** | | | | | | |
| - | - | Field Blank | - | 8/8/2025 | JE16734 | TCL/TAL+30<br>PFAS<br>1,4-Dioxane |
| - | - | FB20250812 | - | 8/12/2025 | JE16953 | |
| - | - | FB2025-08-13 | - | 8/13/2025 | JE17019 | |
| RI-SB-17 | 0'-5' | DUP(1)2025-08-13 | 3.5-4.0 | 8/13/2025 | JE17019 | |
| RI-SB-14 | 0'-5' | DUP(2)2025-08-13 | 2-2.5 | 8/13/2025 | JE17019 | |
| RI-SB-14 | 10'-15' | DUP(3)2025-08-13 | 10.5-11 | 8/13/2025 | JE17019 | |
| RI-SB-14 | 15'-20' | DUP(4)2025-08-13 | 16-16.5 | 8/13/2025 | JE17019 | |
| RI-SB-09 | 0'-5' | DUP(5)2025-08-13 | 2.5-3.0 | 8/13/2025 | JE17019 | |
| RI-SB-09 | 5'-10' | DUP(6)2025-08-13 | 7.5-8.0 | 8/13/2025 | JE17019 | |
| RI-SB-10 | 0'-5' | DUP(7)2025-08-13 | 4-4.5 | 8/13/2025 | JE17019 | |
| RI-SB-10 | 10'-15' | DUP(8)2025-08-13 | 11-11.5 | 8/13/2025 | JE17019 | |
| RI-SB-08 | - | MS/MSD | - | 8/13/2025 | JE17019 | |
| - | - | FB20250814 | - | 8/14/2025 | JE17104 | |
| - | - | FB20250815 | - | 8/15/2025 | JE17209 | |
| - | - | FB20250818 | - | 8/18/2025 | JE17282 | |
| RI-MW-6 | - | DUP20250820 | - | 8/20/2025 | JE17552 | |
| RI-MW-6 | - | MS / MSD | - | 8/20/2025 | JE17552 | |
| - | - | FB20250820 | - | 8/20/2025 | JE17552 | |
| RI-MW-1 | - | DUP20250922 | - | 9/22/2025 | JE19794 | |
| RI-MW-1 | - | MS / MSD | - | 9/22/2025 | JE19794 | |
| - | - | FB20250922 | - | 9/22/2025 | JE19794 | |
| - | - | FB20250923 | - | 9/23/2025 | JE19794 | |

| BORING ID | SLEEVE INTERVAL (ft bgs) | SAMPLE ID | SAMPLE INTERVAL (ft bgs) | COLLECT DATE | LAB ORDER | ANALYSIS |
|---|---|---|---|---|---|---|
| - | - | TRIP BLANK | - | 8/20/2025 | JE17552 | TCL VOCs |
| - | - | TB20250922 | - | 9/22/2025 | JE19794 | |
| - | - | TB20250923 | - | 9/23/2025 | JE19794 | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**
TABLE 4.2
MONITORING WELL CONSTRUCTION AND GAUGING TABLE

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| Well ID | Well Installation Date | Well Finish | Well Diameter (ft bags) | Well Depth (ft bgs) | Screen Interval (ft bags) | Annual Space (ft bgs) | | Ground Elevation (amsl) | Top of Casing (amsl) | Measured Depth to Water (ft bgs) | Groundwater Elevation (amsl) | Date of Depth to Water Measurement |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | Filler Pack (#3 Morie Sand) | Grout (Bentonite) | | | | | |
| RI-MW-1 | 8/15/2025 | Stick Up | 4 | 49.8 | 39.8 - 49.8 | 37.8 - 49.8 | 0.0 - 37.8 | 54.88 | 57.74 | 33 | 24.74 | 9/22/2025 |
| RI-MW-2 | 8/18/2025 | Stick Up | 4 | 50.8 | 40.8 - 50.8 | 38.8 - 50.8 | 0.0 - 38.8 | 51.84 | 54.82 | 31.2 | 23.62 | 9/22/2025 |
| RI-MW-3 | 8/18/2025 | Stick Up | 4 | 50.3 | 40.3 - 50.3 | 38.0 - 50.3 | 0.0 - 38.0 | 52.00 | 54.9 | 32.1 | 22.8 | 9/22/2025 |
| RI-MW-4 | 8/19/2025 | Stick Up | 4 | 51.0 | 41.0 - 51.0 | 39.0 - 51.0 | 0.0 - 39.0 | 51.14 | 53.98 | 35.9 | 18.08 | 9/22/2025 |
| RI-MW-5 | 8/19/2025 | Stick Up | 4 | 50.6 | 40.6 - 50.6 | 38.6 - 50.6 | 0.0 - 38.6 | 51.85 | 54.67 | 39.8 | 14.87 | 9/23/2025 |
| RI-MW-6 | 8/19/2025 | Stick Up | 4 | 50.1 | 40.1 - 50.1 | 38.1 -50.1 | 0.0 - 38.1 | 51.30 | 54.47 | 39.0 | 15.47 | 9/23/2025 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16734-2 | JE16734-3 | JE16734-4 | JE16734-5 | JE16734-6 | JE16734-7 | JE16734-8 | JE16734-9 | JE16734-10 | JE16734-11 | JE16734-12 | JE16734-13 |
| **Date:** | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.01) | ND (0.013) | ND (0.012) | ND (0.012) | ND (0.011) | ND (0.014) | ND (0.012) | ND (0.011) | ND (0.012) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Acetone | mg/kg | 100 | 0.05 | 0.0068 J | ND (0.012) | ND (0.011) | 0.0062 J | 0.0086 J | ND (0.012) | ND (0.012) | ND (0.011) | 0.0124 J | ND (0.012) | ND (0.011) | 0.0054 J |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.00071) | ND (0.00061) | ND (0.00055) | ND (0.00052) | ND (0.00065) | ND (0.00061) | ND (0.00059) | ND (0.00056) | ND (0.0007) | ND (0.00058) | ND (0.00057) | ND (0.00058) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Bromoform | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Bromomethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Chloroethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Chloromethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| Freon 113 | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | 0.0035 J | ND (0.007) | ND (0.0058) | 0.0034 J | 0.007 |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| Styrene | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0071) | ND (0.0061) | ND (0.0055) | ND (0.0052) | ND (0.0065) | ND (0.0061) | ND (0.0059) | ND (0.0056) | ND (0.007) | ND (0.0058) | ND (0.0057) | ND (0.0058) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0028) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0023) | ND (0.0023) | ND (0.0028) | ND (0.0023) | ND (0.0023) | ND (0.0023) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.001) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0014) | ND (0.0012) | ND (0.0011) | ND (0.0012) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-38 | JE17019-37 | JE17019-35 | JE17019-36 | JE16734-14 | JE16734-15 | JE16734-16 | JE16734-17 | JE16734-18 | JE16734-19 | JE16734-20 | JE16734-21 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.011) | ND (0.011) | ND (0.011) | ND (0.012) | ND (0.013) | ND (0.013) | ND (0.012) | ND (0.011) | ND (0.012) | ND (0.01) | ND (0.012) | ND (0.01) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Acetone | mg/kg | 100 | 0.05 | ND (0.011) | ND (0.011) | 0.0216 | ND (0.012) | ND (0.013) | ND (0.013) | 0.0062 J | 0.0052 J | 0.0082 J | 0.005 J | ND (0.012) | 0.0055 J |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.00055) | ND (0.00056) | ND (0.00053) | ND (0.00061) | ND (0.00067) | ND (0.00066) | ND (0.0006) | ND (0.00053) | ND (0.00062) | ND (0.00051) | ND (0.00058) | ND (0.00052) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Bromoform | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Bromomethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Chloroethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Chloromethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| Freon 113 | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.0055) | ND (0.0056) | 0.0042 J | ND (0.0061) | ND (0.0067) | ND (0.0066) | 0.0034 J | ND (0.0053) | ND (0.0062) | ND (0.0051) | 0.0033 J | ND (0.0052) |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| Styrene | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0055) | ND (0.0056) | ND (0.0053) | ND (0.0061) | ND (0.0067) | ND (0.0066) | ND (0.006) | ND (0.0053) | ND (0.0062) | ND (0.0051) | ND (0.0058) | ND (0.0052) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0022) | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0027) | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0025) | ND (0.002) | ND (0.0023) | ND (0.0021) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.001) | ND (0.0012) | ND (0.001) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) | RI-SB-09 (17-17.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16734-22 | JE16734-23 | JE16734-24 | JE16734-25 | JE16734-26 | JE16734-27 | JE16734-28 | JE16734-29 | JE17019-2 | JE17019-4 | JE17019-3 | JE17019-1 |
| **Date:** | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.011) | ND (0.011) | ND (0.012) | ND (0.011) | ND (0.015) | ND (0.012) | ND (0.012) | ND (0.013) | ND (0.011) | ND (0.011) | ND (0.011) | ND (0.012) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Acetone | mg/kg | 100 | 0.05 | ND (0.011) | ND (0.011) | ND (0.012) | ND (0.011) | ND (0.015) | ND (0.012) | ND (0.012) | 0.0108 J | 0.0072 J | 0.0147 | ND (0.011) | ND (0.012) |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.00057) | ND (0.00053) | ND (0.00061) | ND (0.00057) | ND (0.00074) | ND (0.00062) | ND (0.00062) | ND (0.00065) | ND (0.00055) | ND (0.00053) | ND (0.00057) | ND (0.00059) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Bromoform | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Bromomethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Chloroethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Chloromethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| Freon 113 | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.0057) | ND (0.0053) | ND (0.0061) | 0.0037 J | ND (0.0074) | ND (0.0062) | ND (0.0062) | 0.005 J | ND (0.0055) | ND (0.0053) | ND (0.0057) | 0.0032 J |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| Styrene | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0057) | ND (0.0053) | ND (0.0061) | ND (0.0057) | ND (0.0074) | ND (0.0062) | ND (0.0062) | ND (0.0065) | ND (0.0055) | ND (0.0053) | ND (0.0057) | ND (0.0059) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0023) | ND (0.0021) | ND (0.0024) | ND (0.0023) | ND (0.003) | ND (0.0025) | ND (0.0025) | ND (0.0026) | ND (0.0022) | ND (0.0021) | ND (0.0023) | ND (0.0024) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0015) | ND (0.0012) | ND (0.0012) | ND (0.0013) | ND (0.0011) | ND (0.0011) | ND (0.0011) | ND (0.0012) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | R1-SB-12 (2.5-3.0) | R1-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-42 | JE17019-41 | JE17019-39 | JE17019-40 | JE16734-30 | JE16734-31 | JE17104-7 | JE17104-8 | JE16734-32 | JE16734-33 | JE16734-34 | JE16734-35 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.012) | ND (0.013) | ND (0.013) | ND (0.01) | ND (0.013) | ND (0.013) | ND (0.012) | ND (0.012) | ND (0.015) | ND (0.017) | ND (0.014) | ND (0.013) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Acetone | mg/kg | 100 | 0.05 | 0.008 J | 0.136 | 0.0434 | 0.0067 J | 0.0055 J | 0.0088 J | 0.0054 J | ND (0.012) | 0.0072 J | 0.0123 J | ND (0.014) | ND (0.013) |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.0006) | ND (0.00066) | ND (0.00067) | ND (0.0005) | ND (0.00064) | ND (0.00063) | ND (0.00059) | ND (0.0006) | ND (0.00073) | ND (0.00087) | ND (0.00071) | ND (0.00063) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Bromoform | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Bromomethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Chloroethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Chloromethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| Freon 113 | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | 0.0032 J | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| Styrene | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | 0.00088 J | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.006) | ND (0.0066) | ND (0.0067) | ND (0.005) | ND (0.0064) | ND (0.0063) | ND (0.0059) | ND (0.006) | ND (0.0073) | ND (0.0087) | ND (0.0071) | ND (0.0063) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0024) | ND (0.0026) | ND (0.0027) | ND (0.002) | ND (0.0026) | ND (0.0025) | ND (0.0024) | ND (0.0024) | ND (0.0029) | ND (0.0035) | ND (0.0028) | ND (0.0025) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0013) | ND (0.0013) | ND (0.001) | ND (0.0013) | ND (0.0013) | ND (0.0012) | ND (0.0012) | ND (0.0015) | ND (0.0017) | ND (0.0014) | ND (0.0013) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-7 | JE17019-8 | JE17019-9 | JE17019-10 | JE16953-11 | JE16953-12 | JE17209-5 | JE17209-6 | JE16953-1 | JE16953-2 | JE17104-13 | JE17104-14 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.013) | ND (0.012) | ND (0.01) | ND (0.01) | ND (0.012) | ND (0.012) | ND (0.011) | ND (0.011) | ND (0.012) | ND (0.0099) | ND (0.011) | ND (0.013) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Acetone | mg/kg | 100 | 0.05 | 0.0084 J | 0.007 J | 0.0063 J | ND (0.01) | 0.0095 J | 0.006 J | ND (0.011) | ND (0.011) | 0.0075 J | 0.0057 J | 0.0087 J | 0.0075 J |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.00066) | ND (0.00061) | ND (0.00052) | ND (0.00052) | ND (0.0006) | ND (0.0006) | ND (0.00054) | ND (0.00053) | ND (0.00059) | ND (0.0005) | ND (0.00053) | ND (0.00064) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Bromoform | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Bromomethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | 0.0011 J | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Chloroethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Chloromethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| Freon 113 | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | 0.0032 J | 0.0077 |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| Styrene | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0066) | ND (0.0061) | ND (0.0052) | ND (0.0052) | ND (0.006) | ND (0.006) | ND (0.0054) | ND (0.0053) | ND (0.0059) | ND (0.005) | ND (0.0053) | ND (0.0064) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0026) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0024) | ND (0.0024) | ND (0.0022) | ND (0.0021) | ND (0.0024) | ND (0.002) | ND (0.0021) | ND (0.0026) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0013) | ND (0.0012) | ND (0.001) | ND (0.001) | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0012) | ND (0.00099) | ND (0.0011) | ND (0.0013) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-6 | JE17019-5 | JE17209-13 | JE17209-14 | JE17282-2 | JE17282-3 | JE17282-4 | JE17282-5 | JE17019-11 | JE17019-24 | JE17019-25 | JE17019-26 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.012) | ND (0.012) | ND (0.011) | ND (0.011) | 0.0039 J | ND (0.012) | ND (0.011) | ND (0.011) | ND (0.013) | ND (0.012) | ND (0.013) | ND (0.013) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Acetone | mg/kg | 100 | 0.05 | 0.0166 | ND (0.012) | ND (0.011) | ND (0.011) | 0.0341 | 0.0067 J | 0.0049 J | 0.0055 J | 0.0104 J | 0.0092 J | 0.0112 J | 0.0439 |
| Benzene | mg/kg | 4.8 | 0.06 | ND (0.00059) | ND (0.0006) | ND (0.00056) | ND (0.00056) | ND (0.00049) | ND (0.00059) | ND (0.00053) | ND (0.00053) | ND (0.00065) | ND (0.00059) | ND (0.00066) | ND (0.00064) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Bromoform | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Bromomethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Chloroethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) [P] | ND (0.0059) [P] | ND (0.0053) [P] | ND (0.0053) [P] | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Chloromethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| Freon 113 | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Methylene chloride | mg/kg | 100 | 0.05 | 0.0048 J | ND (0.006) | ND (0.0056) | 0.0036 J | ND (0.0049) | ND (0.0059) | ND (0.0053) | ND (0.0053) | ND (0.0065) | 0.005 J | 0.0058 J | ND (0.0064) |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| Styrene | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Toluene | mg/kg | 100 | 0.7 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0059) | ND (0.006) | ND (0.0056) | ND (0.0056) | ND (0.0049) [P] | ND (0.0059) [P] | ND (0.0053) [P] | ND (0.0053) [P] | ND (0.0065) | ND (0.0059) | ND (0.0066) | ND (0.0064) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0023) | ND (0.0024) | ND (0.0022) | ND (0.0022) | ND (0.002) | ND (0.0024) | ND (0.0021) | ND (0.0021) | ND (0.0026) | ND (0.0024) | ND (0.0027) | ND (0.0026) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0012) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.00098) | ND (0.0012) | ND (0.0011) | ND (0.0011) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0013) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| **Sample ID:** | **UNITS** | **NY RRSCO** | **NY UUSCO** | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 | MS/MSD |
|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-27 | JE17019-32 | JE17019-33 | JE17019-34 | JE17019-47 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil |
| **TCL VOCs (SW846 8260D)** | | | | | | | | |
| 1,1,1-Trichloroethane | mg/kg | 100 | 0.68 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| 1,1,2,2-Tetrachloroethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| 1,1,2-Trichloroethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| 1,1-Dichloroethane | mg/kg | 26 | 0.27 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,1-Dichloroethene | mg/kg | 100 | 0.33 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,2,3-Trichlorobenzene | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| 1,2,4-Trichlorobenzene | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| 1,2-Dibromo-3-chloropropane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| 1,2-Dibromoethane | mg/kg | NS | NS | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,2-Dichlorobenzene | mg/kg | 100 | 1.1 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,2-Dichloroethane | mg/kg | 3.1 | 0.02 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,2-Dichloropropane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| 1,3-Dichlorobenzene | mg/kg | 49 | 2.4 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 1,4-Dichlorobenzene | mg/kg | 13 | 1.8 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| 2-Butanone (MEK) | mg/kg | 100 | 0.12 | ND (0.011) | ND (0.012) | ND (0.011) | ND (0.012) | ND (0.011) |
| 2-Hexanone | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| 4-Methyl-2-pentanone(MIBK) | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Acetone | mg/kg | 100 | 0.05 | 0.0302 | 0.0131 | ND (0.011) | 0.0106 J | ND (0.011) |
| Benzene | mg/kg | 4.8 | 0.06 | 0.00059 | ND (0.0006) | ND (0.00057) | ND (0.00061) | ND (0.00057) |
| Bromochloromethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Bromodichloromethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Bromoform | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Bromomethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Carbon disulfide | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Carbon tetrachloride | mg/kg | 2.4 | 0.76 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Chlorobenzene | mg/kg | 100 | 1.1 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Chloroethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Chloroform | mg/kg | 49 | 0.37 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Chloromethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| cis-1,2-Dichloroethene | mg/kg | 100 | 0.25 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| cis-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Cyclohexane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Dibromochloromethane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Dichlorodifluoromethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Ethylbenzene | mg/kg | 41 | 1 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| Freon 113 | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Isopropylbenzene | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| m,p-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| Methyl Acetate | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Methyl Tert Butyl Ether | mg/kg | 100 | 0.93 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| Methylcyclohexane | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Methylene chloride | mg/kg | 100 | 0.05 | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| o-Xylene | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| Styrene | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Tetrachloroethene | mg/kg | 19 | 1.3 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Toluene | mg/kg | 100 | 0.7 | 0.00061 J | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| trans-1,2-Dichloroethene | mg/kg | 100 | 0.19 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| trans-1,3-Dichloropropene | mg/kg | NS | NS | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Trichloroethene | mg/kg | 21 | 0.47 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |
| Trichlorofluoromethane | mg/kg | NS | NS | ND (0.0056) | ND (0.006) | ND (0.0057) | ND (0.0061) | ND (0.0057) |
| Vinyl chloride | mg/kg | 0.9 | 0.02 | ND (0.0022) | ND (0.0024) | ND (0.0023) | ND (0.0024) | ND (0.0023) |
| Xylene (total) | mg/kg | 100 | 0.26 | ND (0.0011) | ND (0.0012) | ND (0.0011) | ND (0.0012) | ND (0.0011) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-2 | JE16734-3 | JE16734-4 | JE16734-5 | JE16734-6 | JE16734-7 | JE16734-8 | JE16734-9 | JE16734-10 | JE16734-11 | JE16734-12 | JE16734-13 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.0084 J | ND (0.034) | ND (0.035) | ND (0.034) | 0.0106 J | ND (0.033) | ND (0.034) | ND (0.034) | 0.0102 J | ND (0.034) | ND (0.032) | ND (0.034) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.36) | ND (0.34) | ND (0.35) | ND (0.34) | ND (0.37) | ND (0.33) | ND (0.34) | ND (0.34) | ND (0.39) | ND (0.34) | ND (0.32) | ND (0.34) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0125 J | ND (0.034) | ND (0.035) | ND (0.034) | 0.0219 J | ND (0.033) | ND (0.034) | ND (0.034) | 0.023 J | ND (0.034) | ND (0.032) | ND (0.034) |
| Acenaphthylene | mg/kg | 100 | 100 | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| Acetophenone | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| Anthracene | mg/kg | 100 | 100 | 0.033 J | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | 0.0652 | ND (0.034) | ND (0.032) | ND (0.034) |
| Atrazine | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.135 | ND (0.034) | 0.0133 J | 0.017 J | 0.19 | ND (0.033) | ND (0.034) | 0.0101 J | 0.196 | 0.0585 | ND (0.032) | 0.039 |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.121 | ND (0.034) | ND (0.035) | ND (0.034) | 0.173 | ND (0.033) | ND (0.034) | ND (0.034) | 0.18 | 0.0771 | ND (0.032) | 0.0355 |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.154 | ND (0.034) | ND (0.035) | 0.0171 J | 0.223 | ND (0.033) | ND (0.034) | ND (0.034) | 0.24 | 0.0888 | ND (0.032) | 0.045 |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.0983 | ND (0.034) | ND (0.035) | ND (0.034) | 0.122 | ND (0.033) | ND (0.034) | ND (0.034) | 0.141 | 0.0604 | ND (0.032) | 0.0257 J |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0577 | ND (0.034) | ND (0.035) | ND (0.034) | 0.077 | ND (0.033) | ND (0.034) | ND (0.034) | 0.0804 | 0.0334 J | ND (0.032) | 0.0167 J |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.0726 | ND (0.068) | ND (0.069) | ND (0.068) | 0.952 | ND (0.065) | ND (0.068) | ND (0.069) | 0.15 | ND (0.069) | 0.0474 J | ND (0.068) |
| Butyl benzyl phthalate | mg/kg | NS | NS | 0.238 | ND (0.068) | ND (0.069) | ND (0.068) | 0.0346 J | ND (0.065) | ND (0.068) | ND (0.069) | 0.0664 J | ND (0.069) | ND (0.064) | ND (0.068) |
| Caprolactam | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Carbazole | mg/kg | NS | NS | 0.0108 J | ND (0.068) | ND (0.069) | ND (0.068) | 0.0195 J | ND (0.065) | ND (0.068) | ND (0.069) | 0.023 J | 0.0053 J | ND (0.064) | 0.0064 J |
| Chrysene | mg/kg | 3.9 | 1 | 0.137 | ND (0.034) | ND (0.035) | 0.0148 J | 0.186 | ND (0.033) | ND (0.034) | ND (0.034) | 0.201 | 0.0648 | ND (0.032) | 0.0381 |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.0272 J | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | 0.0311 J | 0.0157 J | ND (0.032) | ND (0.034) |
| Dibenzofuran | mg/kg | 59 | 7 | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Di-n-butyl phthalate | mg/kg | NS | NS | 0.0263 J | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | 0.021 J | ND (0.069) | 0.0223 J | 0.0072 J |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Fluoranthene | mg/kg | 100 | 100 | 0.281 | ND (0.034) | 0.0186 J | 0.0278 J | 0.402 | ND (0.033) | ND (0.034) | ND (0.034) | 0.44 | 0.0933 | ND (0.032) | 0.0852 |
| Fluorene | mg/kg | 100 | 30 | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.034) | ND (0.039) | ND (0.034) | ND (0.032) | ND (0.034) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.36) | ND (0.34) | ND (0.35) | ND (0.34) | ND (0.37) | ND (0.33) | ND (0.34) | ND (0.34) | ND (0.39) | ND (0.34) | ND (0.32) | ND (0.34) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.073 | ND (0.034) | ND (0.035) | ND (0.034) | 0.0994 | ND (0.033) | ND (0.034) | ND (0.034) | 0.11 | 0.0473 | ND (0.032) | 0.0196 J |
| Isophorone | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Naphthalene | mg/kg | 100 | 12 | ND (0.036) | ND (0.034) | ND (0.035) | ND (0.034) | 0.0137 J | ND (0.033) | ND (0.034) | ND (0.034) | 0.0154 J | ND (0.034) | ND (0.032) | ND (0.034) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.071) | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.16) | ND (0.17) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.15) | ND (0.13) | ND (0.14) | ND (0.14) | ND (0.16) | ND (0.14) | ND (0.13) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 0.104 | ND (0.034) | ND (0.035) | 0.0166 J | 0.211 | ND (0.033) | ND (0.034) | ND (0.034) | 0.221 | 0.0464 | ND (0.032) | 0.0612 |
| Phenol | mg/kg | 100 | 0.33 | ND (0.071) | ND (0.068) | ND (0.069) | 0.0252 J | ND (0.075) | ND (0.065) | ND (0.068) | ND (0.069) | ND (0.078) | ND (0.069) | ND (0.064) | ND (0.068) |
| Pyrene | mg/kg | 100 | 100 | 0.284 | ND (0.034) | 0.0189 J | 0.0281 J | 0.398 | ND (0.033) | ND (0.034) | 0.013 J | 0.466 | 0.0971 | ND (0.032) | 0.0793 |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 1.1 J | 0 | 0 | 1.4 J | 1.24 J | 0 | 0 | 0.33 J | 1.12 J | 0.54 J | 0 | 0.43 J |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-38 | JE17019-37 | JE17019-35 | JE17019-36 | JE16734-14 | JE16734-15 | JE16734-16 | JE16734-17 | JE16734-18 | JE16734-19 | JE16734-20 | JE16734-21 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | 0.0088 J | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.031) | ND (0.039) | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.031) | ND (0.039) | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.031) | ND (0.039) | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.0184 J | ND (0.035) | ND (0.034) | ND (0.031) | 0.0313 J | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.34) | ND (0.35) | ND (0.34) | ND (0.31) | ND (0.39) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.38) | ND (0.34) | ND (0.34) | ND (0.34) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0189 J | ND (0.035) | ND (0.034) | ND (0.031) | 0.0762 | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | 0.0282 J | ND (0.034) | ND (0.034) |
| Acenaphthylene | mg/kg | 100 | 100 | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.031) | 0.0728 | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| Acetophenone | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| Anthracene | mg/kg | 100 | 100 | 0.0636 | ND (0.035) | ND (0.034) | ND (0.031) | 0.266 | ND (0.034) | ND (0.034) | ND (0.034) | 0.0242 J | 0.105 | ND (0.034) | ND (0.034) |
| Atrazine | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.192 | ND (0.035) | 0.0257 J | ND (0.031) | 0.792 | ND (0.034) | 0.0727 | 0.0295 J | 0.0803 | 0.255 | ND (0.034) | 0.0206 J |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.166 | ND (0.035) | 0.0223 J | ND (0.031) | 0.731 | ND (0.034) | 0.0791 | 0.03 J | 0.0728 | 0.23 | ND (0.034) | 0.0157 J |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.218 | ND (0.035) | 0.0275 J | ND (0.031) | 0.866 | ND (0.034) | 0.0824 | 0.0346 | 0.0877 | 0.275 | ND (0.034) | 0.0185 J |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.121 | ND (0.035) | 0.0218 J | ND (0.031) | 0.443 | ND (0.034) | 0.059 | 0.0215 J | 0.0504 | 0.154 | ND (0.034) | ND (0.034) |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0691 | ND (0.035) | ND (0.034) | ND (0.031) | 0.321 | ND (0.034) | 0.0393 | ND (0.034) | 0.0309 J | 0.128 | ND (0.034) | ND (0.034) |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.0355 J | ND (0.069) | ND (0.068) | ND (0.062) | 0.0093 J | ND (0.068) | ND (0.068) | ND (0.067) | 0.0141 J | ND (0.069) | ND (0.067) | ND (0.068) |
| Butyl benzyl phthalate | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | 0.225 | ND (0.067) | ND (0.068) |
| Caprolactam | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Carbazole | mg/kg | NS | NS | 0.0248 J | ND (0.069) | ND (0.068) | ND (0.062) | 0.0843 | ND (0.068) | 0.0068 J | ND (0.067) | 0.0083 J | 0.0663 J | ND (0.067) | ND (0.068) |
| Chrysene | mg/kg | 3.9 | 1 | 0.191 | ND (0.035) | 0.023 J | ND (0.031) | 0.785 | ND (0.034) | 0.0737 | 0.0304 J | 0.0765 | 0.253 | ND (0.034) | 0.015 J |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.0288 J | ND (0.035) | ND (0.034) | ND (0.031) | 0.123 | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | 0.0387 | ND (0.034) | ND (0.034) |
| Dibenzofuran | mg/kg | 59 | 7 | 0.0174 J | ND (0.069) | ND (0.068) | ND (0.062) | 0.0479 J | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | 0.0196 J | ND (0.067) | ND (0.068) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Di-n-butyl phthalate | mg/kg | NS | NS | 0.0066 J | ND (0.069) | ND (0.068) | 0.0059 J | ND (0.077) | ND (0.068) | ND (0.068) | 0.018 J | 0.0106 J | ND (0.069) | 0.0116 J | ND (0.068) |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Fluoranthene | mg/kg | 100 | 100 | 0.381 | ND (0.035) | 0.0374 | ND (0.031) | 1.63 | ND (0.034) | 0.158 | 0.0631 | 0.176 | 0.609 | ND (0.034) | 0.034 |
| Fluorene | mg/kg | 100 | 30 | 0.0213 J | ND (0.035) | ND (0.034) | ND (0.031) | 0.0824 | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | 0.0396 | ND (0.034) | ND (0.034) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.034) | ND (0.035) | ND (0.034) | ND (0.031) | ND (0.039) | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.034) | ND (0.034) | ND (0.034) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.34) | ND (0.35) | ND (0.34) | ND (0.31) | ND (0.39) | ND (0.34) | ND (0.34) | ND (0.34) | ND (0.38) | ND (0.34) | ND (0.34) | ND (0.34) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.092 | ND (0.035) | ND (0.034) | ND (0.031) | 0.387 | ND (0.034) | 0.0446 | 0.0166 J | 0.0405 | 0.131 | ND (0.034) | ND (0.034) |
| Isophorone | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Naphthalene | mg/kg | 100 | 12 | 0.0205 J | ND (0.035) | ND (0.034) | ND (0.031) | 0.055 | ND (0.034) | ND (0.034) | ND (0.034) | ND (0.038) | 0.0111 J | ND (0.034) | ND (0.034) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.15) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.12) | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.13) | ND (0.15) | ND (0.14) | ND (0.13) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 0.225 | ND (0.035) | 0.0158 J | ND (0.031) | 1.11 | ND (0.034) | 0.0782 | 0.036 | 0.0988 | 0.462 | ND (0.034) | 0.0266 J |
| Phenol | mg/kg | 100 | 0.33 | ND (0.068) | ND (0.069) | ND (0.068) | ND (0.062) | ND (0.077) | ND (0.068) | ND (0.068) | ND (0.067) | ND (0.076) | ND (0.069) | ND (0.067) | ND (0.068) |
| Pyrene | mg/kg | 100 | 100 | 0.394 | ND (0.035) | 0.0389 | ND (0.031) | 1.53 | ND (0.034) | 0.147 | 0.0563 | 0.152 | 0.492 | ND (0.034) | 0.0345 |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 0.15 J | 0 | 0.85 J | 0 | 7.61 J | 1.41 J | 0.48 J | 0.13 J | 0.31 J | 1.39 J | 0 | 0.32 J |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) | RI-SB-09 (17-17.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-22 | JE16734-23 | JE16734-24 | JE16734-25 | JE16734-26 | JE16734-27 | JE16734-28 | JE16734-29 | JE17019-2 | JE17019-4 | JE17019-3 | JE17019-1 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | 0.0128 J | ND (0.07) | 0.0094 J | 0.0088 J | 0.0073 J | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | 0.0146 J | ND (0.07) | 0.0229 J |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.037) | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.037) | ND (0.035) | ND (0.034) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.037) | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.037) | ND (0.035) | ND (0.034) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.037) | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.037) | ND (0.035) | ND (0.034) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.219 | ND (0.035) | 1.47 | 1.08 | 0.0233 J | ND (0.034) | ND (0.035) | 0.0214 J | 0.0423 | 0.0549 | ND (0.035) | 2.92 |
| 2-Methylphenol | mg/kg | 100 | 0.33 | 0.0553 J | ND (0.07) | 0.13 | 0.146 | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | 0.383 |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.37) | ND (0.35) | ND (0.35) | ND (0.34) | ND (0.37) | ND (0.34) | ND (0.35) | ND (0.35) | ND (0.37) | ND (0.37) | ND (0.35) | ND (0.34) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0878 | ND (0.035) | 0.0257 J | 0.0256 J | 0.0431 | ND (0.034) | ND (0.035) | 0.0633 | 0.0219 J | 0.0872 | ND (0.035) | 0.0567 |
| Acenaphthylene | mg/kg | 100 | 100 | 0.0684 | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | 0.02 J | 0.0389 | ND (0.035) | ND (0.034) |
| Acetophenone | mg/kg | NS | NS | 0.018 J | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Anthracene | mg/kg | 100 | 100 | 0.273 | 0.0226 J | ND (0.035) | ND (0.034) | 0.107 | ND (0.034) | ND (0.035) | 0.191 | 0.0785 | 0.198 | ND (0.035) | 0.0279 J |
| Atrazine | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | 0.0167 J |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.684 | 0.184 | 0.0837 | 0.043 | 0.326 | 0.0167 J | ND (0.035) | 0.323 | 0.21 | 0.361 | ND (0.035) | 0.0518 |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.572 | 0.321 | 0.0811 | 0.0382 | 0.293 | 0.0155 J | ND (0.035) | 0.299 | 0.182 | 0.349 | ND (0.035) | 0.0418 |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.713 | 0.371 | 0.0979 | 0.0479 | 0.363 | 0.0189 J | ND (0.035) | 0.311 | 0.227 | 0.447 | ND (0.035) | 0.0548 |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.388 | 0.302 | 0.0635 | 0.0301 J | 0.197 | ND (0.034) | ND (0.035) | 0.215 | 0.122 | 0.227 | ND (0.035) | 0.0335 J |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.247 | 0.137 | 0.0379 | 0.0195 J | 0.114 | ND (0.034) | ND (0.035) | 0.0902 | 0.0862 | 0.105 | ND (0.035) | 0.0167 J |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.133 | ND (0.07) | ND (0.071) | ND (0.069) | 0.0565 J | ND (0.068) | ND (0.07) | ND (0.07) | 0.114 | 0.0746 | ND (0.07) | 0.0395 J |
| Butyl benzyl phthalate | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | 0.0295 J | ND (0.068) | ND (0.07) | ND (0.07) | 0.0592 J | ND (0.073) | ND (0.07) | 0.0285 J |
| Caprolactam | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Carbazole | mg/kg | NS | NS | 0.0921 | 0.012 J | ND (0.071) | ND (0.069) | 0.0414 J | ND (0.068) | ND (0.07) | 0.0342 J | 0.0272 J | 0.1 | ND (0.07) | 0.0081 J |
| Chrysene | mg/kg | 3.9 | 1 | 0.657 | 0.181 | 0.0762 | 0.0414 | 0.325 | 0.014 J | ND (0.035) | 0.289 | 0.191 | 0.346 | ND (0.035) | 0.0515 |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.113 | 0.0719 | 0.0178 J | ND (0.034) | 0.0504 | ND (0.034) | ND (0.035) | 0.0473 | 0.0303 J | 0.0526 | ND (0.035) | ND (0.034) |
| Dibenzofuran | mg/kg | 59 | 7 | 0.0603 J | ND (0.07) | ND (0.071) | ND (0.069) | 0.0306 J | ND (0.068) | ND (0.07) | 0.0339 J | ND (0.075) | 0.0681 J | ND (0.07) | ND (0.068) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Di-n-butyl phthalate | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | 0.0102 J | 0.0063 J | ND (0.07) | 0.007 J |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Fluoranthene | mg/kg | 100 | 100 | 1.55 | 0.187 | 0.138 | 0.0799 | 0.725 | 0.0211 J | ND (0.035) | 0.675 | 0.54 | 0.865 | ND (0.035) | 0.116 |
| Fluorene | mg/kg | 100 | 30 | 0.0983 | ND (0.035) | ND (0.035) | ND (0.034) | 0.0311 J | ND (0.034) | ND (0.035) | 0.0618 | 0.0188 J | 0.0804 | ND (0.035) | 0.0324 J |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.037) | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.037) | ND (0.035) | ND (0.034) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.37) | ND (0.35) | ND (0.35) | ND (0.34) | ND (0.37) | ND (0.34) | ND (0.35) | ND (0.35) | ND (0.37) | ND (0.37) | ND (0.35) | ND (0.34) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.344 | 0.292 | 0.0678 | 0.0324 J | 0.204 | ND (0.034) | ND (0.035) | 0.201 | 0.0933 | 0.181 | ND (0.035) | 0.0262 J |
| Isophorone | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Naphthalene | mg/kg | 100 | 12 | 0.0678 | ND (0.035) | 0.426 | 0.257 | 0.0288 J | ND (0.034) | ND (0.035) | 0.0341 J | 0.0215 J | 0.0843 | ND (0.035) | 0.753 |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.19) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.15) | ND (0.15) | ND (0.14) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 1.13 | 0.0828 | 0.0715 | 0.0531 | 0.447 | 0.0131 J | ND (0.035) | 0.838 | 0.239 | 0.64 | ND (0.035) | 0.085 |
| Phenol | mg/kg | 100 | 0.33 | ND (0.075) | ND (0.07) | ND (0.071) | ND (0.069) | ND (0.075) | ND (0.068) | ND (0.07) | ND (0.07) | ND (0.075) | ND (0.073) | ND (0.07) | ND (0.068) |
| Pyrene | mg/kg | 100 | 100 | 1.38 | 0.197 | 0.157 | 0.0846 | 0.676 | 0.0231 J | ND (0.035) | 0.833 | 0.405 | 0.651 | ND (0.035) | 0.0898 |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 16.89 J | 0.82 J | 3.71 J | 5.04 J | 3.78 J | 0 | 0 | 0.39 J | 6.09 J | 2.55 J | 0 | 51.43 J |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | RI-SB-12 (2.5-3.0) | RI-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-28 | JE17019-30 | JE17019-31 | JE17019-29 | JE17019-42 | JE17019-41 | JE17019-39 | JE17019-40 | JE16734-30 | JE16734-31 | JE17104-7 | JE17104-8 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | 0.0053 J | ND (0.073) | ND (0.06) | ND (0.066) | 0.0056 J | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.035) | ND (0.036) | ND (0.03) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.035) | ND (0.031) | ND (0.037) | ND (0.036) | ND (0.035) | ND (0.034) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.035) | ND (0.036) | ND (0.03) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.035) | ND (0.031) | ND (0.037) | ND (0.036) | ND (0.035) | ND (0.034) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.035) | ND (0.036) | ND (0.03) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.035) | ND (0.031) | ND (0.037) | ND (0.036) | ND (0.035) | ND (0.034) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.0186 J | 0.0238 J | ND (0.03) | 0.0209 J | 0.0264 J | 0.0252 J | 0.0119 J | ND (0.031) | 0.0232 J | 0.0266 J | ND (0.035) | ND (0.034) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.35) | ND (0.36) | ND (0.3) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.35) | ND (0.31) | ND (0.37) | ND (0.36) | ND (0.35) | ND (0.34) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0225 J | 0.032 J | ND (0.03) | ND (0.033) | 0.0295 J | 0.0605 | ND (0.035) | ND (0.031) | 0.013 J | 0.0969 | ND (0.035) | ND (0.034) |
| Acenaphthylene | mg/kg | 100 | 100 | 0.0223 J | 0.0212 J | ND (0.03) | ND (0.033) | 0.0469 | 0.0247 J | ND (0.035) | ND (0.031) | ND (0.037) | ND (0.036) | ND (0.035) | ND (0.034) |
| Acetophenone | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | 0.0125 J | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | 0.0156 J | ND (0.17) | ND (0.17) |
| Anthracene | mg/kg | 100 | 100 | 0.0667 | 0.346 | ND (0.03) | ND (0.033) | 0.111 | 0.134 | 0.0266 J | ND (0.031) | 0.0405 | 0.123 | ND (0.035) | ND (0.034) |
| Atrazine | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | 0.0196 J | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.198 | 0.295 | ND (0.03) | ND (0.033) | 0.4 | 0.357 | 0.0976 | ND (0.031) | 0.132 | 0.0925 | 0.0229 J | ND (0.034) |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.181 | 0.244 | ND (0.03) | ND (0.033) | 0.364 | 0.302 | 0.089 | ND (0.031) | 0.116 | 0.0828 | 0.023 J | ND (0.034) |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.243 | 0.324 | ND (0.03) | ND (0.033) | 0.502 | 0.376 | 0.13 | ND (0.031) | 0.146 | 0.109 | 0.0301 J | ND (0.034) |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.127 | 0.158 | ND (0.03) | ND (0.033) | 0.249 | 0.198 | 0.0759 | ND (0.031) | 0.0874 | 0.069 | 0.0176 J | ND (0.034) |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0656 | 0.0973 | ND (0.03) | ND (0.033) | 0.139 | 0.133 | 0.0386 | ND (0.031) | 0.047 | 0.0353 J | ND (0.035) | ND (0.034) |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.054 J | 0.11 | ND (0.06) | ND (0.066) | 0.0305 J | 0.0548 J | 0.0084 J | ND (0.063) | 0.0645 J | 1.17 | ND (0.069) | ND (0.068) |
| Butyl benzyl phthalate | mg/kg | NS | NS | 0.0273 J | 0.147 | ND (0.06) | 0.0092 J | ND (0.065) | ND (0.066) | ND (0.07) | 0.0172 J | ND (0.075) | ND (0.072) | 0.0153 J | ND (0.068) |
| Caprolactam | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Carbazole | mg/kg | NS | NS | 0.0246 J | 0.0497 J | ND (0.06) | ND (0.066) | 0.0458 J | 0.0558 J | 0.0101 J | ND (0.063) | 0.0154 J | 0.0165 J | 0.0056 J | ND (0.068) |
| Chrysene | mg/kg | 3.9 | 1 | 0.187 | 0.316 | ND (0.03) | ND (0.033) | 0.398 | 0.324 | 0.0999 | ND (0.031) | 0.12 | 0.0913 | 0.0257 J | ND (0.034) |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.0298 J | 0.0374 | ND (0.03) | ND (0.033) | 0.0663 | 0.0494 | 0.0178 J | ND (0.031) | 0.0249 J | 0.0172 J | ND (0.035) | ND (0.034) |
| Dibenzofuran | mg/kg | 59 | 7 | 0.0174 J | 0.0242 J | ND (0.06) | ND (0.066) | 0.0198 J | 0.0378 J | ND (0.07) | ND (0.063) | ND (0.075) | 0.0221 J | ND (0.069) | ND (0.068) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Di-n-butyl phthalate | mg/kg | NS | NS | 0.0074 J | 0.0096 J | ND (0.06) | ND (0.066) | 0.0087 J | 0.0135 J | 0.0059 J | 0.0086 J | 0.0301 J | 0.0173 J | ND (0.069) | ND (0.068) |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | 3.38 | ND (0.069) | ND (0.068) |
| Fluoranthene | mg/kg | 100 | 100 | 0.449 | 0.837 | ND (0.03) | ND (0.033) | 0.765 | 0.825 | 0.17 | ND (0.031) | 0.27 | 0.379 | 0.0474 | ND (0.034) |
| Fluorene | mg/kg | 100 | 30 | ND (0.035) | 0.0346 J | ND (0.03) | ND (0.033) | 0.0315 J | 0.0441 | ND (0.035) | ND (0.031) | ND (0.037) | 0.0444 | ND (0.035) | ND (0.034) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.035) | ND (0.036) | ND (0.03) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.035) | ND (0.031) | ND (0.037) | ND (0.036) | ND (0.035) | ND (0.034) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.35) | ND (0.36) | ND (0.3) | ND (0.33) | ND (0.33) | ND (0.33) | ND (0.35) | ND (0.31) | ND (0.37) | ND (0.36) | ND (0.35) | ND (0.34) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.1 | 0.118 | ND (0.03) | ND (0.033) | 0.207 | 0.159 | 0.0605 | ND (0.031) | 0.0933 | 0.0501 | ND (0.035) | ND (0.034) |
| Isophorone | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Naphthalene | mg/kg | 100 | 12 | 0.0246 J | 0.0211 J | ND (0.03) | ND (0.033) | 0.0256 J | 0.0281 J | ND (0.035) | ND (0.031) | ND (0.037) | 0.0149 J | ND (0.035) | ND (0.034) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.17) | ND (0.18) | ND (0.15) | ND (0.17) | ND (0.16) | ND (0.16) | ND (0.17) | ND (0.16) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.14) | ND (0.15) | ND (0.12) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.14) | ND (0.13) | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 0.214 | 0.31 | ND (0.03) | ND (0.033) | 0.402 | 0.501 | 0.0927 | ND (0.031) | 0.173 | 0.558 | 0.0371 | ND (0.034) |
| Phenol | mg/kg | 100 | 0.33 | ND (0.07) | ND (0.073) | ND (0.06) | ND (0.066) | ND (0.065) | ND (0.066) | ND (0.07) | ND (0.063) | ND (0.075) | ND (0.072) | ND (0.069) | ND (0.068) |
| Pyrene | mg/kg | 100 | 100 | 0.348 | 0.65 | ND (0.03) | ND (0.033) | 0.729 | 0.659 | 0.154 | ND (0.031) | 0.267 | 0.263 | 0.0485 | ND (0.034) |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 2.18 J | 2.59 J | 0 | 0.78 J | 2.22 J | 1.25 J | 0 | 0 | 0.31 J | 67.02 J | 0 | 0 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-32 | JE16734-33 | JE16734-34 | JE16734-35 | JE17019-7 | JE17019-8 | JE17019-9 | JE17019-10 | JE16953-11 | JE16953-12 | JE17209-5 | JE17209-6 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.0918 | 0.0213 J | ND (0.034) | ND (0.034) | ND (0.038) | 0.0352 J | 0.0274 J | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.38) | ND (0.37) | ND (0.34) | ND (0.34) | ND (0.38) | ND (0.36) | ND (0.33) | ND (0.34) | ND (0.38) | ND (0.37) | ND (0.34) | ND (0.35) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0188 J | 0.038 | ND (0.034) | ND (0.034) | 0.0244 J | 0.0157 J | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| Acenaphthylene | mg/kg | 100 | 100 | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.034) | 0.0291 J | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| Acetophenone | mg/kg | NS | NS | 0.0153 J | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| Anthracene | mg/kg | 100 | 100 | 0.0467 | 0.0903 | ND (0.034) | ND (0.034) | 0.0735 | 0.0551 | ND (0.033) | ND (0.034) | 0.037 J | ND (0.037) | ND (0.034) | ND (0.035) |
| Atrazine | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.19) | 0.0095 J | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.149 | 0.362 | 0.0273 J | ND (0.034) | 0.278 | 0.187 | 0.0127 J | ND (0.034) | 0.136 | 0.0713 | ND (0.034) | ND (0.035) |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.136 | 0.253 | 0.0272 J | ND (0.034) | 0.223 | 0.162 | ND (0.033) | ND (0.034) | 0.134 | 0.0716 | ND (0.034) | ND (0.035) |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.163 | 0.325 | 0.038 | ND (0.034) | 0.276 | 0.203 | ND (0.033) | ND (0.034) | 0.157 | 0.0853 | ND (0.034) | ND (0.035) |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.103 | 0.19 | 0.0268 J | ND (0.034) | 0.144 | 0.108 | ND (0.033) | ND (0.034) | 0.0995 | 0.0549 | ND (0.034) | ND (0.035) |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0593 | 0.105 | ND (0.034) | ND (0.034) | 0.102 | 0.0765 | ND (0.033) | ND (0.034) | 0.0645 | 0.0364 J | ND (0.034) | ND (0.035) |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.159 | 0.0728 J | ND (0.068) | ND (0.068) | 0.0531 J | 0.0383 J | ND (0.067) | ND (0.068) | 0.0565 J | 0.0487 J | ND (0.068) | ND (0.07) |
| Butyl benzyl phthalate | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | 0.0387 J | 1.26 | 0.0127 J | ND (0.068) | 0.131 | 0.0174 J | ND (0.068) | ND (0.07) |
| Caprolactam | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Carbazole | mg/kg | NS | NS | 0.0144 J | 0.0404 J | ND (0.068) | ND (0.068) | 0.0331 J | 0.0233 J | ND (0.067) | ND (0.068) | 0.0149 J | 0.0095 J | ND (0.068) | ND (0.07) |
| Chrysene | mg/kg | 3.9 | 1 | 0.137 | 0.266 | 0.0278 J | ND (0.034) | 0.255 | 0.173 | ND (0.033) | ND (0.034) | 0.138 | 0.073 | ND (0.034) | ND (0.035) |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.0236 J | 0.0466 | ND (0.034) | ND (0.034) | 0.0374 J | 0.0274 J | ND (0.033) | ND (0.034) | 0.0228 J | ND (0.037) | ND (0.034) | ND (0.035) |
| Dibenzofuran | mg/kg | 59 | 7 | ND (0.076) | 0.0228 J | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Di-n-butyl phthalate | mg/kg | NS | NS | 0.0115 J | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | 0.0099 J | ND (0.067) | ND (0.068) | ND (0.076) | 0.0069 J | ND (0.068) | ND (0.07) |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Fluoranthene | mg/kg | 100 | 100 | 0.313 | 0.605 | 0.0357 | ND (0.034) | 0.687 | 0.424 | 0.0151 J | ND (0.034) | 0.25 | 0.116 | ND (0.034) | ND (0.035) |
| Fluorene | mg/kg | 100 | 30 | ND (0.038) | 0.0306 J | ND (0.034) | ND (0.034) | 0.0189 J | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.034) | ND (0.038) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.38) | ND (0.37) | ND (0.34) | ND (0.34) | ND (0.38) | ND (0.36) | ND (0.33) | ND (0.34) | ND (0.38) | ND (0.37) | ND (0.34) | ND (0.35) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.0831 | 0.191 | 0.0291 J | ND (0.034) | 0.111 | 0.0827 | ND (0.033) | ND (0.034) | 0.0818 | 0.0415 | ND (0.034) | ND (0.035) |
| Isophorone | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Naphthalene | mg/kg | 100 | 12 | 0.0271 J | 0.0225 J | ND (0.034) | ND (0.034) | 0.0221 J | 0.0354 J | ND (0.033) | ND (0.034) | ND (0.038) | ND (0.037) | ND (0.034) | ND (0.035) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.076) | ND (0.073) | ND (0.068) | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.19) | ND (0.19) | ND (0.17) | ND (0.18) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.15) | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.15) | ND (0.14) | ND (0.13) | ND (0.14) | ND (0.15) | ND (0.15) | ND (0.14) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 0.154 | 0.394 | 0.0196 J | ND (0.034) | 0.289 | 0.204 | ND (0.033) | ND (0.034) | 0.15 | 0.0775 | ND (0.034) | ND (0.035) |
| Phenol | mg/kg | 100 | 0.33 | ND (0.076) | ND (0.073) | 0.0639 J | ND (0.068) | ND (0.076) | ND (0.072) | ND (0.067) | ND (0.068) | ND (0.076) | ND (0.074) | ND (0.068) | ND (0.07) |
| Pyrene | mg/kg | 100 | 100 | 0.298 | 0.541 | 0.0389 | ND (0.034) | 0.59 | 0.357 | 0.0139 J | ND (0.034) | 0.312 | 0.15 | ND (0.034) | ND (0.035) |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 7.14 J | 21.15 J | 0 | 0 | 7.69 J | 1.43 J | 0.93 J | 0 | 5.99 J | 1.17 J | 0 | 0 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16953-1 | JE16953-2 | JE17104-13 | JE17104-14 | JE17019-6 | JE17019-5 | JE17209-13 | JE17209-14 | JE17282-2 | JE17282-3 | JE17282-4 | JE17282-5 |
| Date: | | | | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.037) | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | ND (0.036) | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.037) | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | ND (0.036) | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.037) | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | ND (0.036) | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 2-Methylnaphthalene | mg/kg | NS | NS | 0.011 J | ND (0.037) | ND (0.032) | ND (0.033) | 0.0363 | 0.0732 | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.37) | ND (0.37) | ND (0.32) | ND (0.33) | ND (0.35) | ND (0.36) | ND (0.34) | ND (0.34) | ND (0.35) | ND (0.33) | ND (0.33) | ND (0.34) |
| Acenaphthene | mg/kg | 100 | 20 | 0.0145 J | ND (0.037) | ND (0.032) | ND (0.033) | 0.0136 J | 0.0173 J | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Acenaphthylene | mg/kg | 100 | 100 | ND (0.037) | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | 0.019 J | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Acetophenone | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| Anthracene | mg/kg | 100 | 100 | 0.0761 | ND (0.037) | ND (0.032) | ND (0.033) | 0.0469 | 0.0654 | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Atrazine | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.195 | 0.0886 | ND (0.032) | 0.0204 J | 0.125 | 0.198 | ND (0.034) | ND (0.034) | 0.041 | ND (0.033) | ND (0.033) | ND (0.034) |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.189 | 0.0959 | ND (0.032) | 0.0212 J | 0.105 | 0.195 | ND (0.034) | ND (0.034) | 0.0394 | ND (0.033) | ND (0.033) | ND (0.034) |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.212 | 0.118 | ND (0.032) | 0.0279 J | 0.137 | 0.257 | ND (0.034) | ND (0.034) | 0.0589 | ND (0.033) | ND (0.033) | ND (0.034) |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.131 | 0.0715 | ND (0.032) | 0.0185 J | 0.0728 | 0.134 | ND (0.034) | ND (0.034) | 0.0342 J | ND (0.033) | ND (0.033) | ND (0.034) |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0914 | 0.0423 | ND (0.032) | ND (0.033) | 0.0373 | 0.0705 | ND (0.034) | ND (0.034) | 0.0199 J | ND (0.033) | ND (0.033) | ND (0.034) |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.082 | ND (0.074) | ND (0.065) | ND (0.066) | 0.0564 J | 0.056 J | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Butyl benzyl phthalate | mg/kg | NS | NS | 0.0094 J | ND (0.074) | ND (0.065) | ND (0.066) | 0.0234 J | 0.0247 J | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Caprolactam | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Carbazole | mg/kg | NS | NS | 0.0191 J | 0.0113 J | ND (0.065) | ND (0.066) | 0.015 J | 0.023 J | ND (0.069) | ND (0.068) | 0.007 J | ND (0.067) | ND (0.066) | ND (0.068) |
| Chrysene | mg/kg | 3.9 | 1 | 0.199 | 0.096 | ND (0.032) | 0.0232 J | 0.12 | 0.195 | ND (0.034) | ND (0.034) | 0.0493 | ND (0.033) | ND (0.033) | ND (0.034) |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | 0.03 J | 0.0179 J | ND (0.032) | ND (0.033) | 0.0184 J | 0.0315 J | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Dibenzofuran | mg/kg | 59 | 7 | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Di-n-butyl phthalate | mg/kg | NS | NS | ND (0.073) | 0.0147 J | ND (0.065) | ND (0.066) | 0.0215 J | 0.0092 J | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Fluoranthene | mg/kg | 100 | 100 | 0.394 | 0.158 | ND (0.032) | 0.0339 | 0.276 | 0.422 | ND (0.034) | ND (0.034) | 0.0941 | ND (0.033) | ND (0.033) | ND (0.034) |
| Fluorene | mg/kg | 100 | 30 | 0.0203 J | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | ND (0.036) | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.037) | ND (0.037) | ND (0.032) | ND (0.033) | ND (0.035) | ND (0.036) | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.37) | ND (0.37) | ND (0.32) | ND (0.33) | ND (0.35) | ND (0.36) | ND (0.34) | ND (0.34) | ND (0.35) | ND (0.33) | ND (0.33) | ND (0.34) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.107 | 0.0624 | ND (0.032) | ND (0.033) | 0.0557 | 0.107 | ND (0.034) | ND (0.034) | 0.0301 J | ND (0.033) | ND (0.033) | ND (0.034) |
| Isophorone | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Naphthalene | mg/kg | 100 | 12 | 0.0108 J | ND (0.037) | ND (0.032) | ND (0.033) | 0.0128 J | 0.0215 J | ND (0.034) | ND (0.034) | ND (0.035) | ND (0.033) | ND (0.033) | ND (0.034) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.18) | ND (0.18) | ND (0.16) | ND (0.17) | ND (0.18) | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.17) | ND (0.16) | ND (0.17) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.15) | ND (0.15) | ND (0.13) | ND (0.13) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.14) | ND (0.13) | ND (0.13) | ND (0.14) |
| Phenanthrene | mg/kg | 100 | 100 | 0.22 | 0.089 | ND (0.032) | 0.0186 J | 0.153 | 0.19 | ND (0.034) | ND (0.034) | 0.0537 | ND (0.033) | ND (0.033) | ND (0.034) |
| Phenol | mg/kg | 100 | 0.33 | ND (0.073) | ND (0.074) | ND (0.065) | ND (0.066) | ND (0.071) | ND (0.072) | ND (0.069) | ND (0.068) | ND (0.07) | ND (0.067) | ND (0.066) | ND (0.068) |
| Pyrene | mg/kg | 100 | 100 | 0.487 | 0.185 | ND (0.032) | 0.0368 | 0.217 | 0.354 | ND (0.034) | ND (0.034) | 0.0877 | ND (0.033) | ND (0.033) | ND (0.034) |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 13.29 J | 0.9 J | 0 | 0 | 2.86 J | 3.86 J | 0 | 0.56 J | 0 | 0 | 0 | 0 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-11 | JE17019-24 | JE17019-25 | JE17019-26 | JE17019-27 | JE17019-32 | JE17019-33 | JE17019-34 | JE17019-47 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TCL SVOCs (SW846 8270E)** | | | | | | | | | | | | |
| 1,1'-Biphenyl | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | 0.0179 J | ND (0.07) | ND (0.074) | ND (0.068) | 0.0094 J | ND (0.064) |
| 1,2,4,5-Tetrachlorobenzene | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 1,4-Dioxane | mg/kg | 13 | 0.1 | ND (0.036) | ND (0.035) | ND (0.033) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.032) |
| 2,2'-Oxybis(1-chloropropane) | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 2,3,4,6-Tetrachlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4,5-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4,6-Trichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4-Dichlorophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4-Dimethylphenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4-Dinitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2,4-Dinitrotoluene | mg/kg | NS | NS | ND (0.036) | ND (0.035) | ND (0.033) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.032) |
| 2,6-Dinitrotoluene | mg/kg | NS | NS | ND (0.036) | ND (0.035) | ND (0.033) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.032) |
| 2-Chloronaphthalene | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 2-Chlorophenol | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 2-Methylnaphthalene | mg/kg | NS | NS | ND (0.036) | 0.0273 J | ND (0.033) | 2.34 | 0.0604 | 0.0147 J | ND (0.034) | 0.0293 J | ND (0.032) |
| 2-Methylphenol | mg/kg | 100 | 0.33 | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 2-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 2-Nitrophenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 3&4-Methylphenol | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 3,3'-Dichlorobenzidine | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 3-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 4,6-Dinitro-o-cresol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 4-Bromophenyl phenyl ether | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 4-Chloro-3-methyl phenol | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 4-Chloroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 4-Chlorophenyl phenyl ether | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| 4-Nitroaniline | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| 4-Nitrophenol | mg/kg | NS | NS | ND (0.36) | ND (0.35) | ND (0.33) | ND (0.35) | ND (0.35) | ND (0.37) | ND (0.34) | ND (0.35) | ND (0.32) |
| Acenaphthene | mg/kg | 100 | 20 | ND (0.036) | 0.0189 J | ND (0.033) | 0.0635 | 0.0183 J | 0.0193 J | ND (0.034) | 0.0856 | ND (0.032) |
| Acenaphthylene | mg/kg | 100 | 100 | ND (0.036) | 0.0212 J | ND (0.033) | 0.0306 J | 0.0238 J | 0.0236 J | ND (0.034) | 0.0397 | ND (0.032) |
| Acetophenone | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | 0.008 J | ND (0.16) |
| Anthracene | mg/kg | 100 | 100 | ND (0.036) | 0.0689 | ND (0.033) | 0.0975 | 0.0557 | 0.0623 | ND (0.034) | 0.299 | ND (0.032) |
| Atrazine | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Benzaldehyde | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | 0.0094 J | ND (0.16) |
| Benzo(a)anthracene | mg/kg | 1 | 1 | 0.0701 | 0.256 | 0.0201 J | 0.183 | 0.151 | 0.188 | ND (0.034) | 0.72 | 0.0144 J |
| Benzo(a)pyrene | mg/kg | 1 | 1 | 0.0556 | 0.218 | ND (0.033) | 0.164 | 0.14 | 0.18 | ND (0.034) | 0.673 | 0.0147 J |
| Benzo(b)fluoranthene | mg/kg | 1 | 1 | 0.0727 | 0.279 | 0.0197 J | 0.207 | 0.189 | 0.232 | ND (0.034) | 0.828 | 0.0198 J |
| Benzo(g,h,i)perylene | mg/kg | 100 | 100 | 0.0428 | 0.142 | ND (0.033) | 0.106 | 0.1 | 0.123 | ND (0.034) | 0.444 | ND (0.032) |
| Benzo(k)fluoranthene | mg/kg | 3.9 | 0.8 | 0.0265 J | 0.104 | ND (0.033) | 0.0574 | 0.0516 | 0.0685 | ND (0.034) | 0.273 | ND (0.032) |
| bis(2-Chloroethoxy)methane | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| bis(2-Chloroethyl)ether | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| bis(2-Ethylhexyl)phthalate | mg/kg | NS | NS | 0.0333 J | 0.0606 J | 0.0182 J | 0.0323 J | 0.0085 J | 0.0433 J | ND (0.068) | 0.0942 | ND (0.064) |
| Butyl benzyl phthalate | mg/kg | NS | NS | ND (0.072) | 0.0388 J | 0.0232 J | 0.0183 J | 0.0795 | 0.0109 J | ND (0.068) | ND (0.07) | ND (0.064) |
| Caprolactam | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Carbazole | mg/kg | NS | NS | 0.0068 J | 0.0268 J | ND (0.066) | 0.0313 J | 0.0207 J | 0.0236 J | ND (0.068) | 0.0863 | ND (0.064) |
| Chrysene | mg/kg | 3.9 | 1 | 0.0644 | 0.234 | 0.0164 J | 0.17 | 0.144 | 0.192 | ND (0.034) | 0.675 | 0.0128 J |
| Dibenzo(a,h)anthracene | mg/kg | 0.33 | 0.33 | ND (0.036) | 0.0375 | ND (0.033) | 0.025 J | 0.0226 J | 0.0312 J | ND (0.034) | 0.0961 | ND (0.032) |
| Dibenzofuran | mg/kg | 59 | 7 | ND (0.072) | 0.0156 J | ND (0.066) | 0.0256 J | ND (0.07) | 0.0153 J | ND (0.068) | 0.0557 J | ND (0.064) |
| Diethyl phthalate | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Dimethyl phthalate | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Di-n-butyl phthalate | mg/kg | NS | NS | ND (0.072) | 0.0257 J | ND (0.066) | ND (0.071) | ND (0.07) | 0.0089 J | ND (0.068) | 0.0083 J | ND (0.064) |
| Di-n-octyl phthalate | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Fluoranthene | mg/kg | 100 | 100 | 0.143 | 0.516 | 0.0342 | 0.461 | 0.325 | 0.431 | ND (0.034) | 1.72 | 0.0221 J |
| Fluorene | mg/kg | 100 | 30 | ND (0.036) | ND (0.035) | ND (0.033) | 0.0484 | 0.019 J | ND (0.037) | ND (0.034) | 0.0848 | ND (0.032) |
| Hexachlorobenzene | mg/kg | 1.2 | 0.33 | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Hexachlorobutadiene | mg/kg | NS | NS | ND (0.036) | ND (0.035) | ND (0.033) | ND (0.035) | ND (0.035) | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.032) |
| Hexachlorocyclopentadiene | mg/kg | NS | NS | ND (0.36) | ND (0.35) | ND (0.33) | ND (0.35) | ND (0.35) | ND (0.37) | ND (0.34) | ND (0.35) | ND (0.32) |
| Hexachloroethane | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| Indeno(1,2,3-cd)pyrene | mg/kg | 0.5 | 0.5 | 0.0348 J | 0.112 | ND (0.033) | 0.0846 | 0.0768 | 0.0949 | ND (0.034) | 0.367 | ND (0.032) |
| Isophorone | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Naphthalene | mg/kg | 100 | 12 | ND (0.036) | 0.0283 J | ND (0.033) | 0.666 | 0.0461 | 0.022 J | ND (0.034) | 0.0406 | ND (0.032) |
| Nitrobenzene | mg/kg | 15 | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| N-Nitroso-di-n-propylamine | mg/kg | NS | NS | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| N-Nitrosodiphenylamine | mg/kg | NS | NS | ND (0.18) | ND (0.17) | ND (0.17) | ND (0.18) | ND (0.17) | ND (0.19) | ND (0.17) | ND (0.17) | ND (0.16) |
| Pentachlorophenol | mg/kg | 6.7 | 0.8 | ND (0.14) | ND (0.14) | ND (0.13) | ND (0.14) | ND (0.14) | ND (0.15) | ND (0.14) | ND (0.14) | ND (0.13) |
| Phenanthrene | mg/kg | 100 | 100 | 0.06 | 0.211 | 0.0165 J | 0.324 | 0.228 | 0.173 | ND (0.034) | 1 | ND (0.032) |
| Phenol | mg/kg | 100 | 0.33 | ND (0.072) | ND (0.07) | ND (0.066) | ND (0.071) | ND (0.07) | ND (0.074) | ND (0.068) | ND (0.07) | ND (0.064) |
| Pyrene | mg/kg | 100 | 100 | 0.121 | 0.482 | 0.0288 J | 0.354 | 0.274 | 0.336 | ND (0.034) | 1.54 | 0.0207 J |
| Total TIC, Semi-Volatile | mg/kg | NS | NS | 0.2 J | 2.21 J | 0.14 J | 45.95 J | 13.05 J | 2.6 J | 0 | 9.33 J | 0 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-2 | JE16734-3 | JE16734-4 | JE16734-5 | JE16734-6 | JE16734-7 | JE16734-8 | JE16734-9 | JE16734-10 | JE16734-11 | JE16734-12 | JE16734-13 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.00072 | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0068 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0079 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0014 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.002 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Aldrin | mg/kg | 0.097 | 0.005 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0019 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0428 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.0019 | ND (0.00065) | ND (0.00067) | 0.00054 J | 0.0133 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.01 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Dieldrin | mg/kg | 0.2 | 0.005 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0043 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0164 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endrin | mg/kg | 11 | 0.014 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | ND (0.00077) | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.00073 J | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0016 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | ND (0.00074) | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.00091 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0024 | ND (0.00065) | ND (0.00067) | 0.00063 J | 0.0138 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0117 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Heptachlor | mg/kg | 2.1 | 0.042 | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0016 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.0013 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Heptachlor epoxide | mg/kg | NS | NS | ND (0.00065) | ND (0.00065) | ND (0.00067) | ND (0.00065) | 0.0014 | ND (0.00064) | ND (0.00062) | ND (0.00067) | 0.00069 J | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Methoxychlor | mg/kg | NS | NS | ND (0.0013) | ND (0.0013) | ND (0.0013) | ND (0.0013) | ND (0.0015) | ND (0.0013) | ND (0.0012) | ND (0.0013) | ND (0.0015) | ND (0.0013) | ND (0.0013) | ND (0.0013) |
| Toxaphene | mg/kg | NS | NS | ND (0.016) | ND (0.016) | ND (0.017) | ND (0.016) | ND (0.018) | ND (0.016) | ND (0.015) | ND (0.017) | ND (0.019) | ND (0.016) | ND (0.016) | ND (0.017) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-38 | JE17019-37 | JE17019-35 | JE17019-36 | JE16734-14 | JE16734-15 | JE16734-16 | JE16734-17 | JE16734-18 | JE16734-19 | JE16734-20 | JE16734-21 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0038 | ND (0.00068) | ND (0.00068) | ND (0.00067) | 0.0011 | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.0073 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.0022 | ND (0.00068) | ND (0.00068) | ND (0.00067) | 0.0049 | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.00088 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Aldrin | mg/kg | 0.097 | 0.005 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.0049 | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.0061 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Dieldrin | mg/kg | 0.2 | 0.005 | 0.0019 | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.001 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endrin | mg/kg | 11 | 0.014 | 0.00061 J | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | 0.001 | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0037 | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.0072 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Heptachlor | mg/kg | 2.1 | 0.042 | ND (0.00067) | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | 0.00092 | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Heptachlor epoxide | mg/kg | NS | NS | 0.0013 | ND (0.00068) | ND (0.00068) | ND (0.00067) | ND (0.0008) | ND (0.00061) | ND (0.00064) | ND (0.00061) | ND (0.00076) | ND (0.00064) | ND (0.00066) | ND (0.00067) |
| Methoxychlor | mg/kg | NS | NS | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0016) | ND (0.0012) | ND (0.0013) | ND (0.0012) | ND (0.0015) | ND (0.0013) | ND (0.0013) | ND (0.0013) |
| Toxaphene | mg/kg | NS | NS | ND (0.017) | ND (0.017) | ND (0.017) | ND (0.017) | ND (0.02) | ND (0.015) | ND (0.016) | ND (0.015) | ND (0.019) | ND (0.016) | ND (0.017) | ND (0.017) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) | RI-SB-09 (17-17.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-22 | JE16734-23 | JE16734-24 | JE16734-25 | JE16734-26 | JE16734-27 | JE16734-28 | JE16734-29 | JE17019-2 | JE17019-4 | JE17019-3 | JE17019-1 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | 0.0012 | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | 0.0013 | ND (0.00066) | ND (0.00069) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0122 | ND (0.00064) | 0.00094 | ND (0.00065) | 0.0099 | ND (0.00063) | 0.0012 | ND (0.00068) | 0.0075 | 0.0099 | ND (0.00066) | 0.0062 |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.0029 | 0.00072 | 0.00097 | ND (0.00065) | 0.0018 | ND (0.00063) | ND (0.0007) | 0.00069 | 0.0023 | 0.0034 | ND (0.00066) | 0.001 |
| Aldrin | mg/kg | 0.097 | 0.005 | 0.0054 | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.0016 | 0.0024 | ND (0.00066) | ND (0.00069) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.0255 | ND (0.00064) | 0.0027 | 0.00075 | 0.0087 | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.0119 | 0.0302 | ND (0.00066) | 0.0042 |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| Dieldrin | mg/kg | 0.2 | 0.005 | 0.0062 | ND (0.00064) | 0.00093 | ND (0.00065) | 0.0022 | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.0028 | 0.0069 | ND (0.00066) | 0.001 |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| Endrin | mg/kg | 11 | 0.014 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | 0.0021 | ND (0.00066) | ND (0.00069) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | ND (0.00075) | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | ND (0.00072) | ND (0.00064) | ND (0.00067) | ND (0.00065) | ND (0.00073) | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.00096 | ND (0.00071) | ND (0.00066) | ND (0.00069) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0214 | ND (0.00064) | 0.0021 | 0.00045 J | 0.0081 | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.0117 | 0.0242 | ND (0.00066) | 0.0041 |
| Heptachlor | mg/kg | 2.1 | 0.042 | 0.0025 | ND (0.00064) | ND (0.00067) | ND (0.00065) | 0.0018 | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.0011 | 0.0012 | ND (0.00066) | ND (0.00069) |
| Heptachlor epoxide | mg/kg | NS | NS | 0.0017 | ND (0.00064) | 0.00049 J | ND (0.00065) | 0.0019 | ND (0.00063) | ND (0.0007) | ND (0.00068) | 0.002 | 0.0023 | ND (0.00066) | 0.00091 |
| Methoxychlor | mg/kg | NS | NS | ND (0.0014) | ND (0.0013) | ND (0.0013) | ND (0.0013) | ND (0.0015) | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0015) | ND (0.0014) | ND (0.0013) | ND (0.0014) |
| Toxaphene | mg/kg | NS | NS | ND (0.018) | ND (0.016) | ND (0.017) | ND (0.016) | ND (0.018) | ND (0.016) | ND (0.017) | ND (0.017) | ND (0.019) | ND (0.018) | ND (0.017) | ND (0.017) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | RI-SB-12 (2.5-3.0) | RI-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-28 | JE17019-30 | JE17019-31 | JE17019-29 | JE17019-42 | JE17019-41 | JE17019-39 | JE17019-40 | JE16734-30 | JE16734-31 | JE17104-7 | JE17104-8 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | 0.00074 | ND (0.00072) | ND (0.00068) | ND (0.00068) | 0.0013 | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0158 | 0.0101 | ND (0.00068) | ND (0.00068) | 0.0016 | 0.0111 | 0.0013 | ND (0.00066) | ND (0.00069) | 0.0029 | ND (0.00064) | ND (0.00064) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.005 | 0.0022 | ND (0.00068) | ND (0.00068) | 0.0039 | 0.0035 | 0.00096 | ND (0.00066) | 0.0013 | 0.00065 J | ND (0.00064) | ND (0.00064) |
| Aldrin | mg/kg | 0.097 | 0.005 | 0.0012 | 0.00078 | ND (0.00068) | ND (0.00068) | ND (0.00065) | 0.0038 | 0.0017 | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.03 | 0.0241 | ND (0.00068) | ND (0.00068) | 0.0047 | 0.0333 | 0.0038 | ND (0.00066) | 0.0025 | 0.0048 | ND (0.00064) | ND (0.00064) |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| delta-BHC | mg/kg | 100 | 0.04 | 0.0015 | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Dieldrin | mg/kg | 0.2 | 0.005 | 0.0057 | 0.0041 | ND (0.00068) | ND (0.00068) | 0.0014 | 0.0071 | 0.001 | ND (0.00066) | ND (0.00069) | 0.0011 | ND (0.00064) | ND (0.00064) |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Endrin | mg/kg | 11 | 0.014 | 0.00096 | ND (0.00072) | ND (0.00068) | ND (0.00068) | 0.0017 | 0.002 | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00072) | ND (0.00072) | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | 0.001 | 0.0011 | ND (0.00068) | ND (0.00068) | ND (0.00065) | ND (0.00072) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0286 | 0.021 | ND (0.00068) | ND (0.00068) | 0.0023 | 0.025 | 0.0031 | ND (0.00066) | 0.0019 | 0.0045 | ND (0.00064) | ND (0.00064) |
| Heptachlor | mg/kg | 2.1 | 0.042 | 0.0035 | 0.0035 | ND (0.00068) | ND (0.00068) | ND (0.00065) | 0.0042 | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00069) | ND (0.00064) | ND (0.00064) |
| Heptachlor epoxide | mg/kg | NS | NS | 0.0047 | 0.0026 | ND (0.00068) | ND (0.00068) | 0.00073 | 0.0025 | ND (0.00072) | ND (0.00066) | 0.00073 | 0.00078 | ND (0.00064) | ND (0.00064) |
| Methoxychlor | mg/kg | NS | NS | ND (0.0014) | ND (0.0014) | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0013) |
| Toxaphene | mg/kg | NS | NS | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.017) | ND (0.016) | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.017) | ND (0.017) | ND (0.016) | ND (0.016) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16734-32 | JE16734-33 | JE16734-34 | JE16734-35 | JE17019-7 | JE17019-8 | JE17019-9 | JE17019-10 | JE16953-11 | JE16953-12 | JE17209-5 | JE17209-6 |
| **Date:** | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | **8.9** | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0032 | 0.0021 | ND (0.00066) | ND (0.00069) | 0.0583 | 0.0046 | 0.0026 | ND (0.00068) | 0.0029 | 0.0037 | ND (0.0007) | ND (0.00068) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.00088 | 0.0012 | 0.00092 | ND (0.00069) | 0.0059 | 0.0022 | 0.0056 | ND (0.00068) | 0.00078 | 0.00085 | ND (0.0007) | ND (0.00068) |
| Aldrin | mg/kg | 0.097 | 0.005 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.0057 | 0.0035 | ND (0.00066) | ND (0.00069) | 0.0157 | 0.0074 | ND (0.00069) | ND (0.00068) | 0.0043 | 0.0057 | ND (0.0007) | ND (0.00068) |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Dieldrin | mg/kg | 0.2 | 0.005 | 0.0015 | 0.00082 | ND (0.00066) | ND (0.00069) | 0.0021 | 0.0018 | ND (0.00069) | ND (0.00068) | 0.001 | 0.0011 | ND (0.0007) | ND (0.00068) |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Endrin | mg/kg | 11 | 0.014 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | 0.0012 | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | ND (0.00071) | ND (0.00072) | ND (0.00066) | ND (0.00069) | ND (0.00074) | ND (0.00072) | ND (0.00069) | ND (0.00068) | 0.00089 | 0.00081 | ND (0.0007) | ND (0.00068) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0051 | 0.0017 | ND (0.00066) | ND (0.00069) | 0.0163 | 0.0069 | ND (0.00069) | ND (0.00068) | 0.0044 | 0.0068 | ND (0.0007) | ND (0.00068) |
| Heptachlor | mg/kg | 2.1 | 0.042 | 0.00074 | ND (0.00072) | ND (0.00066) | ND (0.00069) | 0.0035 | 0.00076 | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Heptachlor epoxide | mg/kg | NS | NS | 0.001 | 0.00083 | ND (0.00066) | ND (0.00069) | 0.0013 | 0.0016 | ND (0.00069) | ND (0.00068) | ND (0.00073) | ND (0.00069) | ND (0.0007) | ND (0.00068) |
| Methoxychlor | mg/kg | NS | NS | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0014) | ND (0.0015) | ND (0.0014) | ND (0.0014) | ND (0.0014) | ND (0.0015) | ND (0.0014) | ND (0.0014) | ND (0.0014) |
| Toxaphene | mg/kg | NS | NS | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.017) | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.017) | ND (0.018) | ND (0.017) | ND (0.017) | ND (0.017) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-15N (7-7.5) | RI-SB-15S (7-7.5) | RI-SB-15E (7-7.5) | RI-SB-15W (7-7.5) | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) | RI-SB-16N (15.5-16) | RI-SB-16S (15.5-16) | RI-SB-16E (15.5-16) | RI-SB-16W (15.5-16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16953-14R | JE16953-16R | JE16953-20R | JE16953-22R | JE16953-1 | JE16953-2 | JE17104-13 | JE17104-14 | JE17209-2 | JE16953-24R | JE17209-4 | JE17104-16R |
| **Date:** | | | | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 | 8/15/2025 | 8/12/2025 | 8/15/2025 | 8/14/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | | | | | ND (0.0007) | 0.0007 J | ND (0.00067) | ND (0.00063) | | | | |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0036 | 0.0022 | 0.0041 | 0.0063 | 0.0081 | 0.00092 | ND (0.00067) | ND (0.00063) | ND (0.00072) | ND (0.00069) | ND (0.00066) | ND (0.00067) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | | | | | 0.0022 | 0.0016 | ND (0.00067) | 0.00083 | | | | |
| Aldrin | mg/kg | 0.097 | 0.005 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| alpha-BHC | mg/kg | 0.48 | 0.02 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | | | | | 0.0111 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| beta-BHC | mg/kg | 0.36 | 0.036 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| delta-BHC | mg/kg | 100 | 0.04 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Dieldrin | mg/kg | 0.2 | 0.005 | | | | | 0.0028 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endosulfan-I | mg/kg | 24 | 2.4 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endosulfan-II | mg/kg | 24 | 2.4 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endrin | mg/kg | 11 | 0.014 | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endrin aldehyde | mg/kg | NS | NS | | | | | 0.0012 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Endrin ketone | mg/kg | NS | NS | | | | | ND (0.0007) | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | | | | | 0.001 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| gamma-Chlordane | mg/kg | NS | NS | | | | | 0.011 | 0.00039 J | ND (0.00067) | ND (0.00063) | | | | |
| Heptachlor | mg/kg | 2.1 | 0.042 | | | | | 0.00081 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Heptachlor epoxide | mg/kg | NS | NS | | | | | 0.002 | ND (0.00071) | ND (0.00067) | ND (0.00063) | | | | |
| Methoxychlor | mg/kg | NS | NS | | | | | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0013) | | | | |
| Toxaphene | mg/kg | NS | NS | | | | | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.016) | | | | |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-6 | JE17019-5 | JE17209-13 | JE17209-14 | JE17282-2 | JE17282-3 | JE17282-4 | JE17282-5 | JE17019-11 | JE17019-24 | JE17019-25 | JE17019-26 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | 0.0084 | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | 0.0052 | 0.0046 | ND (0.00064) | ND (0.00067) | 0.004 | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0085 | 0.0269 | 0.0012 | 0.0059 |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.0014 | 0.0018 | ND (0.00064) | ND (0.00067) | 0.00081 | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0026 | 0.0036 | 0.0017 | 0.0021 |
| Aldrin | mg/kg | 0.097 | 0.005 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0011 | 0.001 | ND (0.00069) | ND (0.00071) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | 0.0073 | 0.0092 | ND (0.00064) | ND (0.00067) | 0.0047 | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0176 | 0.0111 | ND (0.00069) | 0.0125 |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| Dieldrin | mg/kg | 0.2 | 0.005 | 0.002 | 0.0039 | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0041 | 0.0047 | ND (0.00069) | 0.0032 |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| Endrin | mg/kg | 11 | 0.014 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | 0.001 |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| Endrin ketone | mg/kg | NS | NS | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | ND (0.00072) | ND (0.00073) | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | ND (0.00072) | ND (0.00072) | ND (0.00069) | ND (0.00071) |
| gamma-Chlordane | mg/kg | NS | NS | 0.0072 | 0.0084 | ND (0.00064) | ND (0.00067) | 0.0061 | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0152 | 0.0112 | ND (0.00069) | 0.0113 |
| Heptachlor | mg/kg | 2.1 | 0.042 | ND (0.00072) | 0.0012 | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0014 | 0.0027 | ND (0.00069) | 0.00098 |
| Heptachlor epoxide | mg/kg | NS | NS | 0.0013 | 0.0014 | ND (0.00064) | ND (0.00067) | ND (0.00069) | ND (0.00069) | ND (0.00065) | ND (0.00067) | 0.0014 | 0.0012 | ND (0.00069) | 0.0014 |
| Methoxychlor | mg/kg | NS | NS | ND (0.0014) | ND (0.0015) | ND (0.0013) | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0013) | ND (0.0013) | ND (0.0014) | ND (0.0014) | ND (0.0014) | ND (0.0014) |
| Toxaphene | mg/kg | NS | NS | ND (0.018) | ND (0.018) | ND (0.016) | ND (0.017) | ND (0.017) | ND (0.017) | ND (0.016) | ND (0.017) | ND (0.018) | ND (0.018) | ND (0.017) | ND (0.018) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 | MS/MSD |
|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-27 | JE17019-32 | JE17019-33 | JE17019-34 | JE17019-47 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil |
| **PESTICIDES (SW846 8081B)** | | | | | | | | |
| 4,4'-DDD | mg/kg | 13 | 0.0033 | ND (0.0007) | 0.0012 | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | ND (0.0007) | 0.0167 | ND (0.00066) | 0.0096 | ND (0.00064) |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | 0.0013 | 0.0065 | ND (0.00066) | 0.002 | ND (0.00064) |
| Aldrin | mg/kg | 0.097 | 0.005 | ND (0.0007) | 0.0017 | ND (0.00066) | 0.0014 | ND (0.00064) |
| alpha-BHC | mg/kg | 0.48 | 0.02 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| alpha-Chlordane | mg/kg | 4.2 | 0.094 | ND (0.0007) | 0.0379 | ND (0.00066) | 0.025 | ND (0.00064) |
| beta-BHC | mg/kg | 0.36 | 0.036 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| delta-BHC | mg/kg | 100 | 0.04 | ND (0.0007) | 0.0011 | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| Dieldrin | mg/kg | 0.2 | 0.005 | ND (0.0007) | 0.0071 | ND (0.00066) | 0.0051 | ND (0.00064) |
| Endosulfan sulfate | mg/kg | 24 | 2.4 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| Endosulfan-I | mg/kg | 24 | 2.4 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| Endosulfan-II | mg/kg | 24 | 2.4 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| Endrin | mg/kg | 11 | 0.014 | ND (0.0007) | 0.0025 | ND (0.00066) | 0.00071 J | ND (0.00064) |
| Endrin aldehyde | mg/kg | NS | NS | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| Endrin ketone | mg/kg | NS | NS | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| gamma-BHC (Lindane) | mg/kg | 1.3 | 0.1 | ND (0.0007) | ND (0.00074) | ND (0.00066) | ND (0.00072) | ND (0.00064) |
| gamma-Chlordane | mg/kg | NS | NS | ND (0.0007) | 0.0349 | ND (0.00066) | 0.0229 | ND (0.00064) |
| Heptachlor | mg/kg | 2.1 | 0.042 | ND (0.0007) | 0.0031 | ND (0.00066) | 0.003 | ND (0.00064) |
| Heptachlor epoxide | mg/kg | NS | NS | ND (0.0007) | 0.0071 | ND (0.00066) | 0.0017 | ND (0.00064) |
| Methoxychlor | mg/kg | NS | NS | ND (0.0014) | ND (0.0015) | ND (0.0013) | ND (0.0014) | ND (0.0013) |
| Toxaphene | mg/kg | NS | NS | ND (0.017) | ND (0.018) | ND (0.017) | ND (0.018) | ND (0.016) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-2 | JE16734-3 | JE16734-4 | JE16734-5 | JE16734-6 | JE16734-7 | JE16734-8 | JE16734-9 | JE16734-10 | JE16734-11 | JE16734-12 | JE16734-13 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 6520 | 2920 | 3100 | 2720 | 7770 | 3560 | 2720 | 2520 | 9150 | 3700 | 2180 | 3280 |
| Antimony | mg/kg | NS | NS | ND (2.2) | ND (2.0) | ND (2.0) | ND (2.1) | ND (2.2) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.3) | ND (2.1) | ND (2.0) | ND (2.1) |
| Arsenic | mg/kg | 16 | 13 | 4.7 | ND (2.0) | 2.9 | 2.1 | 4.4 | ND (2.0) | ND (2.0) | ND (2.0) | 7.6 | ND (2.1) | ND (2.0) | ND (2.1) |
| Barium | mg/kg | 400 | 350 | 48.5 | 20.9 | 21.2 | ND (21) | 58.2 | 24.6 | 21.6 | 20.6 | 94.2 | ND (21) | ND (20) | 21.8 |
| Beryllium | mg/kg | 72 | 7.2 | 0.36 | 0.24 | ND (0.20) | ND (0.21) | 0.49 | 0.24 | ND (0.20) | ND (0.20) | 0.62 | 0.26 | ND (0.20) | 0.21 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.7) | ND (0.50) | ND (0.51) | ND (0.51) | ND (2.8) | ND (0.49) | ND (0.50) | ND (0.51) | ND (2.8) | ND (0.52) | ND (0.49) | ND (0.52) |
| Calcium | mg/kg | NS | NS | 66100 | ND (500) | 13600 | 10500 | 64400 | 2220 | ND (500) | 849 | 75900 | 866 | ND (490) | 2600 |
| Chromium | mg/kg | NS | NS | 18 | 11.7 | 18.4 | 11.6 | 20.8 | 11.2 | 7.2 | 16.9 | 17.6 | 10.4 | 6.5 | 17.3 |
| Cobalt | mg/kg | NS | NS | ND (5.4) | ND (5.0) | ND (5.1) | ND (5.1) | ND (5.5) | ND (4.9) | ND (5.0) | ND (5.1) | ND (5.6) | ND (5.2) | ND (4.9) | ND (5.2) |
| Copper | mg/kg | 270 | 50 | 16.3 | 8.8 | 14.6 | 7.9 | 18.2 | 9.7 | 7.2 | 6.8 | 24.6 | 9 | 5.7 | 11 |
| Iron | mg/kg | NS | NS | 10900 | 12800 | 9870 | 8490 | 9120 | 14400 | 12300 | 9900 | 9850 | 14700 | 9690 | 14500 |
| Lead | mg/kg | 400 | 63 | 26.6 | 2.2 | 4.7 | 4.8 | 36.1 | 3 | ND (2.0) | 2 | 48.4 | 5.4 | ND (2.0) | 3.5 |
| Magnesium | mg/kg | NS | NS | 7750 | 1060 | 1500 | 1200 | 6960 | 1510 | 924 | 862 | 7010 | 1220 | 850 | 1300 |
| Manganese | mg/kg | 2000 | 1600 | 209 | 254 | 158 | 145 | 280 | 257 | 273 | 177 | 384 | 237 | 173 | 255 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.048 | ND (0.028) | ND (0.031) | ND (0.029) | 0.044 | ND (0.027) | ND (0.032) | ND (0.030) | 0.043 | ND (0.032) | ND (0.026) | 0.046 |
| Nickel | mg/kg | 310 | 30 | 11.8 | 7.4 | 6.8 | 6.3 | 13.4 | 10.2 | 7.1 | 6 | 11.5 | 9.1 | 4.9 | 8.5 |
| Potassium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (1000) | ND (1000) | ND (1100) | ND (990) | ND (1000) | ND (1000) | ND (1100) | ND (1000) | ND (980) | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.2) | ND (2.0) | ND (2.0) | ND (2.1) | ND (2.2) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.3) | ND (2.1) | ND (2.0) | ND (2.1) |
| Silver | mg/kg | 180 | 2 | ND (0.54) | ND (0.50) | ND (0.51) | ND (0.51) | ND (0.55) | ND (0.49) | ND (0.50) | ND (0.51) | ND (0.56) | ND (0.52) | ND (0.49) | ND (0.52) |
| Sodium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (1000) | ND (1000) | ND (1100) | ND (990) | ND (1000) | ND (1000) | ND (1100) | ND (1000) | ND (980) | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.1) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.1) | ND (0.99) | ND (1.0) | ND (1.0) | ND (1.1) | ND (1.0) | ND (0.98) | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 18.8 | 10.5 | 12.7 | 10.9 | 19.5 | 10.5 | 10 | 9 | 17.8 | 13.4 | 8.4 | 13.8 |
| Zinc | mg/kg | 10000 | 109 | 54.2 | 12.6 | 20.1 | 14.9 | 66.5 | 15.5 | 11.7 | 10.9 | 94.1 | 17.5 | 9.3 | 16.5 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-38 | JE17019-37 | JE17019-35 | JE17019-36 | JE16734-14 | JE16734-15 | JE16734-16 | JE16734-17 | JE16734-18 | JE16734-19 | JE16734-20 | JE16734-21 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 6130 | 2180 | 3500 | 3120 | 5850 | 3010 | 3640 | 2200 | 6760 | 4110 | 2180 | 3260 |
| Antimony | mg/kg | NS | NS | ND (2.1) | ND (2.1) | ND (2.1) | ND (2.0) | ND (2.4) | ND (2.0) | ND (2.1) | ND (2.1) | ND (2.2) | ND (2.0) | ND (2.1) | ND (2.0) |
| Arsenic | mg/kg | 16 | 13 | 3.6 | ND (2.1) | ND (2.1) | ND (2.0) | 8.9 | ND (2.0) | ND (2.1) | ND (2.1) | 4.4 | 2.2 | ND (2.1) | ND (2.0) |
| Barium | mg/kg | 400 | 350 | 49.9 | ND (21) | 30.2 | ND (20) | 142 | 24.8 | 38.3 | ND (21) | 54.8 | 25 | ND (21) | 21.1 |
| Beryllium | mg/kg | 72 | 7.2 | 0.31 | ND (0.21) | 0.23 | ND (0.20) | 0.41 | 0.22 | 0.23 | ND (0.21) | 0.36 | 0.23 | ND (0.21) | 0.21 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.6) | ND (0.51) | ND (0.52) | ND (0.50) | ND (0.60) | ND (0.49) | ND (0.51) | ND (0.53) | ND (2.8) | ND (0.50) | ND (0.53) | ND (0.51) |
| Calcium | mg/kg | NS | NS | 51900 | ND (510) | 6310 | ND (500) | 4300 | ND (490) | 3390 | 1470 | 89000 | 3060 | ND (530) | 3560 |
| Chromium | mg/kg | NS | NS | 21.1 | 6.2 | 17.3 | 7.1 | 18.2 | 10.1 | 17.6 | 10.7 | 13.6 | 10.8 | 6.4 | 16.6 |
| Cobalt | mg/kg | NS | NS | ND (5.1) | ND (5.1) | ND (5.2) | ND (5.0) | 6 | ND (4.9) | 5.8 | ND (5.3) | ND (5.6) | ND (5.0) | ND (5.3) | ND (5.1) |
| Copper | mg/kg | 270 | 50 | 16.4 | 7.4 | 13.3 | 12.3 | 55 | 9 | 13 | 7.4 | 24.6 | 17.2 | 6.8 | 10.2 |
| Iron | mg/kg | NS | NS | 12300 | 8680 | 17600 | 12800 | 20300 | 21100 | 18200 | 14300 | 9810 | 13000 | 15800 | 13000 |
| Lead | mg/kg | 400 | 63 | 39.2 | ND (2.1) | 5.8 | ND (2.0) | 243 | ND (3.9) | 9.5 | 2.5 | 37 | 28.4 | ND (2.1) | 7.9 |
| Magnesium | mg/kg | NS | NS | 4790 | 689 | 1340 | 826 | 1330 | 1080 | 1380 | 712 | 16700 | 1070 | 690 | 1390 |
| Manganese | mg/kg | 2000 | 1600 | 363 | 221 | 494 | 205 | 284 | 327 | 485 | 282 | 187 | 247 | 302 | 209 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.24 | ND (0.028) | ND (0.029) | ND (0.028) | 1.5 | ND (0.030) | ND (0.032) | ND (0.032) | 0.036 | 0.041 | ND (0.029) | ND (0.030) |
| Nickel | mg/kg | 310 | 30 | 11.5 | 6.2 | 8.8 | 6.5 | 12.9 | 8 | 9.4 | 5.4 | 18.6 | 9.1 | 5.4 | 7.5 |
| Potassium | mg/kg | NS | NS | ND (1000) | ND (1000) | ND (1000) | ND (990) | ND (1200) | ND (980) | ND (1000) | ND (1100) | ND (1100) | ND (1000) | ND (1100) | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.1) | ND (2.1) | ND (2.1) | ND (2.0) | ND (2.4) | ND (3.9) | ND (2.1) | ND (2.1) | ND (2.2) | ND (2.0) | ND (2.1) | ND (2.0) |
| Silver | mg/kg | 180 | 2 | ND (0.51) | ND (0.51) | ND (0.52) | ND (0.50) | ND (0.60) | ND (0.98) | ND (0.51) | ND (0.53) | ND (0.56) | ND (0.50) | ND (0.53) | ND (0.51) |
| Sodium | mg/kg | NS | NS | ND (1000) | ND (1000) | ND (1000) | ND (990) | ND (1200) | ND (980) | ND (1000) | ND (1100) | ND (1100) | ND (1000) | ND (1100) | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.99) | ND (1.2) | ND (2.0) | ND (1.0) | ND (1.1) | ND (1.1) | ND (1.0) | ND (1.1) | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 20 | 7.7 | 17.3 | 10.1 | 26 | 16.2 | 15 | 11.3 | 17.8 | 13.7 | 10.8 | 11.6 |
| Zinc | mg/kg | 10000 | 109 | 423 | 9.7 | 23.9 | 11.4 | 154 | 14 | 27 | 13.4 | 57.2 | 40.8 | 10.7 | 19.1 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) | RI-SB-09 (17-17.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16734-22 | JE16734-23 | JE16734-24 | JE16734-25 | JE16734-26 | JE16734-27 | JE16734-28 | JE16734-29 | JE17019-2 | JE17019-4 | JE17019-3 | JE17019-1 |
| Date: | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 5460 | 4420 | 3380 | 2660 | 5400 | 3720 | 2560 | 3220 | 7020 | 6340 | 3020 | 5630 |
| Antimony | mg/kg | NS | NS | ND (2.3) | ND (2.0) | ND (2.2) | ND (2.1) | ND (2.2) | ND (2.0) | ND (4.2) | ND (2.1) | ND (2.3) | ND (2.3) | ND (2.0) | ND (2.1) |
| Arsenic | mg/kg | 16 | 13 | 6 | 2.1 | ND (2.2) | ND (2.1) | 3.6 | ND (2.0) | ND (2.1) | ND (2.1) | 4.5 | 5.1 | ND (2.0) | 2.5 |
| Barium | mg/kg | 400 | 350 | 56.2 | 29.4 | 24.5 | ND (21) | 46.6 | 30.8 | 21.6 | 21 | 49.1 | 69.3 | 51.6 | 34.6 |
| Beryllium | mg/kg | 72 | 7.2 | 0.39 | 0.24 | ND (0.22) | 0.24 | 0.5 | 0.2 | 0.27 | 0.23 | 0.36 | 0.37 | 0.4 | 0.28 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.9) | ND (0.51) | ND (2.7) | ND (0.52) | ND (2.8) | ND (0.50) | ND (0.53) | ND (0.52) | ND (2.9) | ND (2.9) | ND (0.50) | ND (2.6) |
| Calcium | mg/kg | NS | NS | 43000 | 6250 | 37800 | 2520 | 49700 | 582 | ND (530) | 16100 | 76700 | 52500 | 603 | 42300 |
| Chromium | mg/kg | NS | NS | 16.8 | 11.6 | 21.3 | 19.5 | 13.5 | 8.2 | 9 | 26.4 | 30.4 | 19.2 | 12.4 | 27.1 |
| Cobalt | mg/kg | NS | NS | ND (5.7) | ND (5.1) | ND (5.4) | ND (5.2) | 5.8 | ND (5.0) | ND (5.3) | ND (5.2) | ND (5.8) | ND (5.8) | 5 | ND (5.1) |
| Copper | mg/kg | 270 | 50 | 20.3 | 10.7 | 10.4 | 10 | 44.4 | 10 | 8 | 9.8 | 22.4 | 38.1 | 11.4 | 20.6 |
| Iron | mg/kg | NS | NS | 22100 | 13000 | 8910 | 16600 | 10500 | 13900 | 27800 | 15700 | 12000 | 12600 | 26800 | 14500 |
| Lead | mg/kg | 400 | 63 | 56.2 | 28.5 | 16.4 | 3.6 | 47.7 | 12 | 2.1 | 4.2 | 30.8 | 86.2 | 3.6 | 11.2 |
| Magnesium | mg/kg | NS | NS | 5600 | 1300 | 8220 | 1050 | 5750 | 1170 | 829 | 6970 | 4330 | 6200 | 980 | 3880 |
| Manganese | mg/kg | 2000 | 1600 | 233 | 253 | 146 | 279 | 185 | 240 | 471 | 261 | 204 | 233 | 1080 | 301 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.12 | 0.063 | 0.035 | ND (0.031) | 0.048 | ND (0.028) | ND (0.032) | ND (0.032) | 0.037 | 0.12 | ND (0.029) | ND (0.029) |
| Nickel | mg/kg | 310 | 30 | 13.6 | 8.9 | 6.7 | 7.8 | 15.6 | 7.9 | 7.2 | 7.9 | 13 | 14.2 | 9.4 | 9.6 |
| Potassium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1200) | ND (1200) | ND (1000) | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.3) | ND (2.0) | ND (2.2) | ND (2.1) | ND (2.2) | ND (2.0) | ND (4.2) | ND (2.1) | ND (2.3) | ND (2.3) | ND (4.0) | ND (2.1) |
| Silver | mg/kg | 180 | 2 | ND (0.57) | ND (0.51) | ND (0.54) | ND (0.52) | ND (0.55) | ND (0.50) | ND (1.1) | ND (0.52) | ND (0.58) | ND (0.58) | ND (1.0) | ND (0.51) |
| Sodium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1100) | ND (1000) | ND (1200) | ND (1200) | ND (1000) | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.1) | ND (1.0) | ND (1.1) | ND (1.0) | ND (1.1) | ND (1.0) | ND (2.1) | ND (1.0) | ND (1.2) | ND (1.2) | ND (2.0) | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 18.1 | 12.9 | 11.5 | 14.6 | 15.6 | 11.4 | 16 | 14.2 | 20.8 | 19.8 | 17.9 | 29.4 |
| Zinc | mg/kg | 10000 | 109 | 236 | 67.4 | 33 | 19.8 | 369 | 18.8 | 16.5 | 18.3 | 375 | 396 | 27.7 | 89.3 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | RI-SB-12 (2.5-3.0) | RI-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-28 | JE17019-30 | JE17019-31 | JE17019-29 | JE17019-42 | JE17019-41 | JE17019-39 | JE17019-40 | JE16734-30 | JE16734-31 | JE17104-7 | JE17104-8 |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 5910 | 5760 | 2610 | 2280 | 5360 | 5520 | 5460 | 2960 | 8410 | 6240 | 2920 | 3260 |
| Antimony | mg/kg | NS | NS | ND (2.2) | ND (2.3) | ND (2.1) | ND (2.1) | ND (2.1) | ND (2.2) | ND (2.4) | ND (2.1) | ND (2.3) | ND (2.1) | ND (2.1) | ND (2.1) |
| Arsenic | mg/kg | 16 | 13 | 5.6 | 4.9 | ND (2.1) | ND (2.1) | 4.8 | 5.8 | 2.5 | ND (2.1) | 3.1 | 3.6 | ND (2.1) | ND (2.1) |
| Barium | mg/kg | 400 | 350 | 62.5 | 52 | ND (21) | 21.2 | 69.2 | 59.3 | 44.1 | 21.1 | 62.2 | 41.2 | ND (21) | 26.1 |
| Beryllium | mg/kg | 72 | 7.2 | 0.31 | 0.28 | ND (0.21) | 0.27 | 0.35 | 0.27 | 0.27 | ND (0.21) | 0.54 | 0.3 | ND (0.32) | ND (0.32) |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.8) | ND (2.9) | ND (0.52) | ND (0.53) | ND (2.6) | ND (2.8) | ND (0.59) | ND (0.53) | ND (2.9) | ND (2.7) | ND (0.52) | ND (0.51) |
| Calcium | mg/kg | NS | NS | 57500 | 53700 | ND (520) | ND (530) | 39300 | 54700 | 15000 | 928 | 82200 | 78400 | ND (520) | 4010 |
| Chromium | mg/kg | NS | NS | 17.7 | 22.3 | 7.5 | 8.3 | 21.6 | 22 | 15.7 | 22.3 | 25.3 | 20.9 | 7.6 | 14.8 |
| Cobalt | mg/kg | NS | NS | ND (5.6) | ND (5.7) | ND (5.2) | ND (5.3) | ND (5.3) | ND (5.6) | ND (5.9) | ND (5.3) | ND (5.9) | ND (5.3) | ND (5.2) | ND (5.1) |
| Copper | mg/kg | 270 | 50 | 20.1 | 24.9 | 9.7 | 8.2 | 22.7 | 22.2 | 18.4 | 11 | 15.8 | 15.9 | 6.8 | 9.2 |
| Iron | mg/kg | NS | NS | 8540 | 9550 | 13700 | 16200 | 13600 | 9020 | 13400 | 14300 | 10500 | 11400 | 14500 | 15200 |
| Lead | mg/kg | 400 | 63 | 53.7 | 49.9 | 2.2 | 2.7 | 96.7 | 52.3 | 45.4 | 2.6 | 25.9 | 32 | 7.4 | 4.7 |
| Magnesium | mg/kg | NS | NS | 6780 | 6990 | 745 | 679 | 7990 | 5650 | 2200 | 1030 | 6060 | 4220 | 911 | 1040 |
| Manganese | mg/kg | 2000 | 1600 | 181 | 176 | 307 | 327 | 301 | 182 | 236 | 261 | 329 | 170 | 257 | 278 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.069 | 0.053 | ND (0.028) | ND (0.031) | 0.17 | 0.07 | 0.051 | ND (0.030) | 0.047 | 0.038 | ND (0.028) | ND (0.034) |
| Nickel | mg/kg | 310 | 30 | 11.6 | 11.3 | 6.5 | 5.4 | 12.8 | 11.2 | 11.2 | 7.3 | 9.6 | 8.8 | 6.7 | 7.7 |
| Potassium | mg/kg | NS | NS | ND (1100) | ND (1100) | ND (1000) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1100) | ND (1200) | ND (1100) | ND (1000) | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.2) | ND (2.3) | ND (2.1) | ND (2.1) | ND (2.1) | ND (2.2) | ND (2.4) | ND (2.1) | ND (2.3) | ND (2.1) | ND (2.1) | ND (2.1) |
| Silver | mg/kg | 180 | 2 | ND (0.56) | ND (0.57) | ND (0.52) | ND (0.53) | ND (0.53) | ND (0.56) | ND (0.59) | ND (0.53) | ND (0.59) | ND (0.53) | ND (0.52) | ND (0.51) |
| Sodium | mg/kg | NS | NS | ND (1100) | ND (1100) | ND (1000) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1100) | ND (1200) | ND (1100) | ND (1000) | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.1) | ND (1.1) | ND (1.0) | ND (1.1) | ND (1.1) | ND (1.1) | ND (1.2) | ND (1.1) | ND (1.2) | ND (1.1) | ND (1.0) | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 16.5 | 17.6 | 11.9 | 11.5 | 18.3 | 18.3 | 18.3 | 11.7 | 17.1 | 18.3 | 11.4 | 15.9 |
| Zinc | mg/kg | 10000 | 109 | 127 | 68.8 | 13.1 | 15.9 | 105 | 84.3 | 113 | 14 | 452 | 1490 [d] | 26 | 22.7 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-12N (7.5-8) | RI-SB-12S (7.5-8) | RI-SB-12E (7.5-8) | RI-SB-12W (7.5-8) | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) | RI-SB-13N (7.5-8) | RI-SB-13S (7.5-8) | RI-SB-13E (7.5-8) | RI-SB-13W (7.5-8) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17104-4R | JE17104-10R | JE17104-30R | JE17104-26R | JE16734-32 | JE16734-33 | JE16734-34 | JE16734-35 | JE17104-35R | JE17104-18R | JE17104-39R | JE17104-43R |
| Date: | | | | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | - | - | - | - | 7260 | 7480 | 5540 | 1980 | - | - | - | - |
| Antimony | mg/kg | NS | NS | - | - | - | - | ND (2.4) | ND (2.2) | ND (2.0) | ND (2.0) | - | - | - | - |
| Arsenic | mg/kg | 16 | 13 | - | - | - | - | 3.8 | 4 | 2.4 | ND (2.0) | - | - | - | - |
| Barium | mg/kg | 400 | 350 | - | - | - | - | 56.2 | 66.5 | 33.1 | ND (20) | - | - | - | - |
| Beryllium | mg/kg | 72 | 7.2 | - | - | - | - | 0.4 | 0.44 | 0.3 | ND (0.20) | - | - | - | - |
| Cadmium | mg/kg | 4.3 | 2.5 | - | - | - | - | ND (3.0) | ND (2.8) | ND (2.5) | ND (0.50) | - | - | - | - |
| Calcium | mg/kg | NS | NS | - | - | - | - | 76000 | 75600 | 48900 | ND (500) | - | - | - | - |
| Chromium | mg/kg | NS | NS | - | - | - | - | 28.6 | 30.3 | 11.3 | 5.1 | - | - | - | - |
| Cobalt | mg/kg | NS | NS | - | - | - | - | ND (5.9) | ND (5.6) | ND (5.1) | ND (5.0) | - | - | - | - |
| Copper | mg/kg | 270 | 50 | - | - | - | - | 15.5 | 19.9 | 16 | 4.4 | - | - | - | - |
| Iron | mg/kg | NS | NS | - | - | - | - | 11500 | 12700 | 17900 | 7520 | - | - | - | - |
| Lead | mg/kg | 400 | 63 | - | - | - | - | 40.8 | 29.7 | 12.1 | ND (2.0) | - | - | - | - |
| Magnesium | mg/kg | NS | NS | - | - | - | - | 5210 | 11100 | 2440 | 722 | - | - | - | - |
| Manganese | mg/kg | 2000 | 1600 | - | - | - | - | 271 | 305 | 329 | 129 | - | - | - | - |
| Mercury | mg/kg | 0.81 | 0.18 | - | - | - | - | 0.039 | 0.037 | ND (0.028) | ND (0.030) | - | - | - | - |
| Nickel | mg/kg | 310 | 30 | - | - | - | - | 11.4 | 10.1 | 10.1 | 4.2 | - | - | - | - |
| Potassium | mg/kg | NS | NS | - | - | - | - | ND (1200) | 1120 | ND (1000) | ND (1000) | - | - | - | - |
| Selenium | mg/kg | 180 | 3.9 | - | - | - | - | ND (2.4) | ND (2.2) | ND (2.0) | ND (2.0) | - | - | - | - |
| Silver | mg/kg | 180 | 2 | - | - | - | - | ND (0.59) | ND (0.56) | ND (0.51) | ND (0.50) | - | - | - | - |
| Sodium | mg/kg | NS | NS | - | - | - | - | ND (1200) | ND (1100) | ND (1000) | ND (1000) | - | - | - | - |
| Thallium | mg/kg | NS | NS | - | - | - | - | ND (1.2) | ND (1.1) | ND (1.0) | ND (1.0) | - | - | - | - |
| Vanadium | mg/kg | NS | NS | - | - | - | - | 18.1 | 23.5 | 23 | 6 | - | - | - | - |
| Zinc | mg/kg | 10000 | 109 | 248 | 407 | 246 | 480 | 646 | 233 | 28.6 | 9 | 327 | 417 | 1330 | 123 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) | RI-SB-15N (7-7.5) | RI-SB-15S (7-7.5) | RI-SB-15E (7-7.5) | RI-SB-15W (7-7.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17019-7 | JE17019-8 | JE17019-9 | JE17019-10 | JE16953-11 | JE16953-12 | JE17209-5 | JE17209-6 | JE16953-14R | JE16953-16R | JE16953-20R | JE16953-22R |
| Date: | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 5740 | 1870 | 3810 | 664 | 8020 | 7370 | 2210 | 2090 | - | - | - | - |
| Antimony | mg/kg | NS | NS | ND (2.3) | ND (2.2) | ND (2.1) | ND (2.2) | ND (2.3) | ND (2.3) | ND (2.1) | ND (2.2) | - | - | - | - |
| Arsenic | mg/kg | 16 | 13 | 4.1 | 3.7 | ND (2.1) | ND (2.2) | 7.9 | 4.1 | ND (2.1) | ND (2.2) | - | - | - | - |
| Barium | mg/kg | 400 | 350 | 52.5 | ND (22) | 21.7 | ND (22) | 49.3 | 49 | ND (21) | ND (22) | - | - | - | - |
| Beryllium | mg/kg | 72 | 7.2 | 0.31 | ND (0.22) | ND (0.21) | ND (0.22) | 0.43 | 0.33 | ND (0.21) | ND (0.22) | - | - | - | - |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.9) | ND (0.56) | ND (0.53) | ND (0.54) | ND (2.9) | ND (2.9) | ND (0.52) | ND (0.54) | - | - | - | - |
| Calcium | mg/kg | NS | NS | 61900 | 17900 | 798 | 1680 | 82400 | 86900 | 3320 | 2250 | - | - | - | - |
| Chromium | mg/kg | NS | NS | 18.3 | 9.5 | 8.4 | 3.1 | 28 | 21.1 | 7.3 | 6.4 | - | - | - | - |
| Cobalt | mg/kg | NS | NS | ND (5.9) | ND (5.6) | ND (5.3) | ND (5.4) | ND (5.8) | ND (5.8) | ND (5.2) | ND (5.4) | - | - | - | - |
| Copper | mg/kg | 270 | 50 | 16.2 | 15.9 | 9.7 | ND (2.7) | 24.8 | 23.9 | 10.7 | 8.6 | - | - | - | - |
| Iron | mg/kg | NS | NS | 7840 | 17500 | 12200 | 2360 | 17800 | 15400 | 10800 | 6300 | - | - | - | - |
| Lead | mg/kg | 400 | 63 | 84.6 | 19.4 | 12.2 | ND (2.2) | 29.2 | 25.5 | 3.9 | ND (2.2) | - | - | - | - |
| Magnesium | mg/kg | NS | NS | 6940 | 1550 | 1320 | ND (540) | 5350 | 4770 | 680 | 571 | - | - | - | - |
| Manganese | mg/kg | 2000 | 1600 | 193 | 149 | 230 | 47 | 263 | 212 | 200 | 128 | - | - | - | - |
| Mercury | mg/kg | 0.81 | 0.18 | 0.059 | 0.055 | ND (0.031) | ND (0.029) | ND (0.032) | 0.17 | ND (0.029) | ND (0.032) | - | - | - | - |
| Nickel | mg/kg | 310 | 30 | 16.5 | 6.1 | 10.9 | ND (4.3) | 16.7 | 12.5 | 6.8 | 5.1 | - | - | - | - |
| Potassium | mg/kg | NS | NS | ND (1200) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1200) | ND (1000) | ND (1100) | - | - | - | - |
| Selenium | mg/kg | 180 | 3.9 | ND (2.3) | ND (2.2) | ND (2.1) | ND (2.2) | ND (2.3) | ND (2.3) | ND (2.1) | ND (2.2) | - | - | - | - |
| Silver | mg/kg | 180 | 2 | ND (0.59) | ND (0.56) | ND (0.53) | ND (0.54) | ND (0.58) | ND (0.58) | ND (0.52) | ND (0.54) | - | - | - | - |
| Sodium | mg/kg | NS | NS | ND (1200) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1200) | ND (1000) | ND (1100) | - | - | - | - |
| Thallium | mg/kg | NS | NS | ND (1.2) | ND (1.1) | ND (1.1) | ND (1.1) | ND (1.2) | ND (1.2) | ND (1.0) | ND (1.1) | - | - | - | - |
| Vanadium | mg/kg | NS | NS | 16.8 | 7.1 | 12.4 | ND (5.4) | 19.2 | 23.2 | 8.8 | 6.6 | - | - | - | - |
| Zinc | mg/kg | 10000 | 109 | 193 | 360 | 22.5 | 6.5 | 289 | 239 | 36.5 | 17.7 | 204 | 595 | 321 | 225 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) | RI-SB-16N (15.5-16) | RI-SB-16S (15.5-16) | RI-SB-16E (15.5-16) | RI-SB-16W (15.5-16) | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE16953-1 | JE16953-2 | JE17104-13 | JE17104-14 | JE17209-2 | JE16953-24R | JE17209-4 | JE17104-16R | JE17019-6 | JE17019-5 | JE17209-13 | JE17209-14 |
| Date: | | | | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 | 8/15/2025 | 8/12/2025 | 8/15/2025 | 8/14/2025 | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 6960 | 5910 | 3070 | 4400 | - | - | - | - | 7790 | 5880 | 2970 | 2410 |
| Antimony | mg/kg | NS | NS | ND (2.3) | ND (2.2) | ND (2.1) | ND (2.0) | - | - | - | - | ND (2.2) | ND (2.3) | ND (2.2) | ND (2.0) |
| Arsenic | mg/kg | 16 | 13 | 4.1 | 3.4 | ND (2.1) | 2.2 | - | - | - | - | 4.1 | 4.2 | ND (2.2) | ND (2.0) |
| Barium | mg/kg | 400 | 350 | 49.9 | 99.9 | ND (21) | 359 | 30.1 | ND (21) | ND (21) | ND (22) | 57.2 | 54 | ND (22) | ND (20) |
| Beryllium | mg/kg | 72 | 7.2 | 0.35 | 0.46 | ND (0.32) | ND (0.30) | - | - | - | - | 0.43 | 0.3 | 0.26 | 0.22 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (2.9) | ND (0.56) | ND (0.53) | ND (0.50) | - | - | - | - | ND (2.8) | ND (2.9) | ND (0.54) | ND (0.50) |
| Calcium | mg/kg | NS | NS | 68200 | 3400 | ND (530) | 1240 | - | - | - | - | 78400 | 64500 | ND (540) | 514 |
| Chromium | mg/kg | NS | NS | 25 | 15.6 | 9.1 | 11.9 | - | - | - | - | 26.3 | 23.2 | 8.8 | 9 |
| Cobalt | mg/kg | NS | NS | ND (5.8) | ND (5.6) | ND (5.3) | ND (5.0) | - | - | - | - | ND (5.6) | ND (5.9) | ND (5.4) | ND (5.0) |
| Copper | mg/kg | 270 | 50 | 19.4 | 36.5 | 6.3 | 15 | - | - | - | - | 21.5 | 19.3 | 10.3 | 7.7 |
| Iron | mg/kg | NS | NS | 12300 | 14500 | 10900 | 12700 | - | - | - | - | 13000 | 9920 | 21700 | 15200 |
| Lead | mg/kg | 400 | 63 | 34.1 | 215 | 2.1 | 1280 | 8.1 | 3.1 | 3.6 | 7 | 30.5 | 47.4 | 2.3 | ND (2.0) |
| Magnesium | mg/kg | NS | NS | 6610 | 1430 | 945 | 1190 | - | - | - | - | 5530 | 5450 | 1020 | 788 |
| Manganese | mg/kg | 2000 | 1600 | 199 | 334 | 219 | 232 | - | - | - | - | 359 | 224 | 480 | 290 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.043 | 0.25 | ND (0.027) | ND (0.030) | ND (0.031) | ND (0.029) | ND (0.030) | ND (0.032) | ND (0.033) | ND (0.034) | ND (0.029) | ND (0.028) |
| Nickel | mg/kg | 310 | 30 | 12.1 | 12.1 | 9 | 11.1 | - | - | - | - | 11.2 | 11.9 | 8.2 | 6.1 |
| Potassium | mg/kg | NS | NS | ND (1200) | ND (1100) | ND (1100) | ND (1000) | - | - | - | - | ND (1100) | ND (1200) | ND (1100) | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.3) | ND (2.2) | ND (2.1) | ND (2.0) | - | - | - | - | ND (2.2) | ND (2.3) | ND (2.2) | ND (2.0) |
| Silver | mg/kg | 180 | 2 | ND (0.58) | ND (0.56) | ND (0.53) | ND (0.50) | - | - | - | - | ND (0.56) | ND (0.59) | ND (0.54) | ND (0.50) |
| Sodium | mg/kg | NS | NS | ND (1200) | ND (1100) | ND (1100) | ND (1000) | - | - | - | - | ND (1100) | ND (1200) | ND (1100) | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.2) | ND (1.1) | ND (1.1) | ND (1.0) | - | - | - | - | ND (1.1) | ND (1.2) | ND (1.1) | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 17.1 | 18.7 | 12.8 | 14.2 | - | - | - | - | 22.2 | 17.4 | 18.1 | 12.2 |
| Zinc | mg/kg | 10000 | 109 | 325 | 328 | 13.4 | 41.7 | 22.8 | 18.5 | 15.1 | 88.1 | 290 | 476 | 39.5 | 14.6 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | JE17282-2 | JE17282-3 | JE17282-4 | JE17282-5 | JE17019-11 | JE17019-24 | JE17019-25 | JE17019-26 | JE17019-27 | JE17019-32 | JE17019-33 | JE17019-34 |
| Date: | | | | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | | |
| Aluminum | mg/kg | NS | NS | 9250 | 3020 | 2660 | 2560 | 1670 | 5870 | 3670 | 7230 | 4270 | 6460 | 2300 | 6610 |
| Antimony | mg/kg | NS | NS | ND (2.2) | ND (2.1) | ND (1.9) | ND (2.0) | ND (2.3) | ND (2.3) | ND (2.2) | ND (2.3) | ND (2.2) | ND (2.3) | ND (2.0) | ND (2.1) |
| Arsenic | mg/kg | 16 | 13 | 6.4 | ND (2.1) | ND (1.9) | ND (2.0) | ND (2.3) | 4 | ND (2.2) | 4.3 | 2.2 | 6 | ND (2.0) | 5.5 |
| Barium | mg/kg | 400 | 350 | 139 | ND (21) | ND (19) | ND (20) | ND (23) | 53.3 | ND (22) | 44.9 | 33 | 63.3 | ND (20) | 62.9 |
| Beryllium | mg/kg | 72 | 7.2 | 0.49 | ND (0.21) | ND (0.19) | ND (0.20) | ND (0.23) | 0.38 | ND (0.22) | 0.34 | 0.23 | 0.31 | ND (0.20) | 0.37 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (0.54) | ND (0.51) | ND (0.49) | ND (0.50) | ND (0.58) | ND (2.9) | ND (0.55) | ND (2.8) | ND (0.54) | ND (2.9) | ND (0.51) | ND (2.6) |
| Calcium | mg/kg | NS | NS | 2070 | ND (510) | ND (490) | 555 | 15300 | 62100 | 10400 | 78100 | 10600 | 48800 | ND (510) | 56600 |
| Chromium | mg/kg | NS | NS | 16.8 | 9.5 | 7.3 | 13.3 | 8.7 | 18.4 | 12 | 30.5 | 10.9 | 25.4 | 4.8 | 20.6 |
| Cobalt | mg/kg | NS | NS | 8.7 | ND (5.1) | ND (4.9) | ND (5.0) | ND (5.8) | ND (5.7) | ND (5.5) | ND (5.7) | ND (5.4) | ND (5.8) | ND (5.1) | ND (5.3) |
| Copper | mg/kg | 270 | 50 | 25.9 | 6.5 | 8.9 | 7.4 | 6.9 | 21.2 | 11.3 | 30.4 | 13.4 | 29.7 | 9.1 | 29.5 |
| Iron | mg/kg | NS | NS | 17700 | 11500 | 10300 | 11500 | 4550 | 13600 | 12000 | 19800 | 11100 | 13100 | 7940 | 15600 |
| Lead | mg/kg | 400 | 63 | 351 | ND (2.1) | ND (1.9) | 2 | 11.9 | 70.3 | 34 | 30.7 | 29.6 | 78.5 | ND (2.0) | 164 |
| Magnesium | mg/kg | NS | NS | 2680 | 1230 | 1230 | 843 | 1220 | 9060 | 1460 | 4710 | 1350 | 4760 | 780 | 6120 |
| Manganese | mg/kg | 2000 | 1600 | 232 | 198 | 198 | 220 | 71.1 | 283 | 199 | 258 | 218 | 233 | 143 | 263 |
| Mercury | mg/kg | 0.81 | 0.18 | 0.45 | ND (0.031) | ND (0.029) | ND (0.028) | 0.059 | 0.039 | ND (0.028) | 0.041 | ND (0.032) | 0.083 | ND (0.030) | 0.076 |
| Nickel | mg/kg | 310 | 30 | 24.2 | 6.8 | 6.3 | 5.8 | ND (4.7) | 12.7 | 8.3 | 16 | 8.9 | 14.9 | 5.3 | 15.2 |
| Potassium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (970) | ND (1000) | ND (1200) | ND (1100) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1000) | ND (1100) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.2) | ND (2.1) | ND (1.9) | ND (2.0) | ND (2.3) | ND (2.3) | ND (2.2) | ND (2.3) | ND (2.2) | ND (2.3) | ND (2.0) | ND (2.1) |
| Silver | mg/kg | 180 | 2 | ND (0.54) | ND (0.51) | ND (0.49) | ND (0.50) | ND (0.58) | ND (0.57) | ND (0.55) | ND (0.57) | ND (0.54) | ND (0.58) | ND (0.51) | ND (0.53) |
| Sodium | mg/kg | NS | NS | ND (1100) | ND (1000) | ND (970) | ND (1000) | ND (1200) | ND (1100) | ND (1100) | ND (1100) | ND (1100) | ND (1200) | ND (1000) | ND (1100) |
| Thallium | mg/kg | NS | NS | ND (1.1) | ND (1.0) | ND (0.97) | ND (1.0) | ND (1.2) | ND (1.1) | ND (1.1) | ND (1.1) | ND (1.1) | ND (1.2) | ND (1.0) | ND (1.1) |
| Vanadium | mg/kg | NS | NS | 24.4 | 11.3 | 9.1 | 10.2 | ND (5.8) | 22.4 | 13.2 | 24 | 13.4 | 24.3 | 12.5 | 19.1 |
| Zinc | mg/kg | 10000 | 109 | 182 | 13.6 | 10.4 | 11.3 | 78.8 | 289 | 33.6 | 500 | 48.8 | 319 | 8.2 | 271 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| **Sample ID:** | **UNITS** | **NY RRSCO** | **NY UUSCO** | MS/MSD |
|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-47 |
| **Date:** | | | | 8/13/2025 |
| **Matrix:** | | | | Soil |
| **TOTAL METALS (SW846 6010D)** | | | | |
| Aluminum | mg/kg | NS | NS | 2770 |
| Antimony | mg/kg | NS | NS | ND (2.0) |
| Arsenic | mg/kg | 16 | 13 | ND (2.0) |
| Barium | mg/kg | 400 | 350 | ND (20) |
| Beryllium | mg/kg | 72 | 7.2 | 0.29 |
| Cadmium | mg/kg | 4.3 | 2.5 | ND (0.50) |
| Calcium | mg/kg | NS | NS | 2730 |
| Chromium | mg/kg | NS | NS | 8.3 |
| Cobalt | mg/kg | NS | NS | ND (5.0) |
| Copper | mg/kg | 270 | 50 | 11.3 |
| Iron | mg/kg | NS | NS | 13300 |
| Lead | mg/kg | 400 | 63 | 3.6 |
| Magnesium | mg/kg | NS | NS | 903 |
| Manganese | mg/kg | 2000 | 1600 | 189 |
| Mercury | mg/kg | 0.81 | 0.18 | ND (0.033) |
| Nickel | mg/kg | 310 | 30 | 6.8 |
| Potassium | mg/kg | NS | NS | ND (1000) |
| Selenium | mg/kg | 180 | 3.9 | ND (2.0) |
| Silver | mg/kg | 180 | 2 | ND (0.50) |
| Sodium | mg/kg | NS | NS | ND (1000) |
| Thallium | mg/kg | NS | NS | ND (1.0) |
| Vanadium | mg/kg | NS | NS | 9.5 |
| Zinc | mg/kg | 10000 | 109 | 20.6 |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16734-2 | JE16734-3 | JE16734-4 | JE16734-5 | JE16734-6 | JE16734-7 | JE16734-8 | JE16734-9 | JE16734-10 | JE16734-11 | JE16734-12 | JE16734-13 |
| **Date:** | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | 0.0331 J | ND (0.032) | ND (0.031) | ND (0.034) | 0.0309 J | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.032) | ND (0.032) | ND (0.033) | ND (0.033) | ND (0.037) | ND (0.032) | ND (0.031) | ND (0.034) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.033) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-38 | JE17019-37 | JE17019-35 | JE17019-36 | JE16734-14 | JE16734-15 | JE16734-16 | JE16734-17 | JE16734-18 | JE16734-19 | JE16734-20 | JE16734-21 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | 0.138 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | 0.0797 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | 0.0609 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.04) | ND (0.03) | ND (0.032) | ND (0.03) | ND (0.038) | ND (0.032) | ND (0.033) | ND (0.034) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) | RI-SB-09 (17-17.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16734-22 | JE16734-23 | JE16734-24 | JE16734-25 | JE16734-26 | JE16734-27 | JE16734-28 | JE16734-29 | JE17019-2 | JE17019-4 | JE17019-3 | JE17019-1 |
| **Date:** | | | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | 0.0334 J | ND (0.032) | ND (0.035) | ND (0.034) | 0.0417 | 0.0486 | ND (0.033) | ND (0.033) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | 0.0163 J | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | 0.033 J | ND (0.033) | ND (0.033) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.032) | ND (0.034) | ND (0.033) | ND (0.036) | ND (0.032) | ND (0.035) | ND (0.034) | ND (0.037) | ND (0.036) | ND (0.033) | ND (0.033) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | R1-SB-12 (2.5-3.0) | R1-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-28 | JE17019-30 | JE17019-31 | JE17019-29 | JE17019-42 | JE17019-41 | JE17019-39 | JE17019-40 | JE16734-30 | JE16734-31 | JE17104-7 | JE17104-8 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | 0.26 | ND (0.032) | ND (0.032) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | 0.0534 | 0.0389 | ND (0.034) | ND (0.033) | ND (0.032) | 0.0573 | ND (0.037) | ND (0.033) | 0.045 | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | 0.0201 J | ND (0.036) | ND (0.034) | ND (0.033) | 0.0429 | 0.0451 | ND (0.037) | ND (0.033) | 0.017 J | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.036) | ND (0.036) | ND (0.034) | ND (0.033) | ND (0.032) | ND (0.035) | ND (0.037) | ND (0.033) | ND (0.034) | ND (0.035) | ND (0.032) | ND (0.032) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-12N (7.5-8) | RI-SB-12S (7.5-8) | RI-SB-12E (7.5-8) | RI-SB-12W (7.5-8) | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17104-4R | JE17104-10R | JE17104-30R | JE17104-26R | JE16734-32 | JE16734-33 | JE16734-34 | JE16734-35 | JE17019-7 | JE17019-8 | JE17019-9 | JE17019-10 |
| **Date:** | | | | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.037) | ND (0.037) | ND (0.037) | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | - | - | - | - | 0.0221 J | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | 0.0352 J | ND (0.031) | ND (0.033) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | 0.0194 J | ND (0.033) | ND (0.034) | ND (0.037) | 0.0231 J | ND (0.031) | ND (0.033) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | - | - | - | - | ND (0.035) | ND (0.036) | ND (0.033) | ND (0.034) | ND (0.037) | ND (0.037) | ND (0.031) | ND (0.033) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) | RI-SB-15N (7-7.5) | RI-SB-15S (7-7.5) | RI-SB-15E (7-7.5) | RI-SB-15W (7-7.5) | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE16953-11 | JE16953-12 | JE17209-5 | JE17209-6 | JE16953-14R | JE16953-16R | JE16953-20R | JE16953-22R | JE16953-1 | JE16953-2 | JE17104-13 | JE17104-14 |
| **Date:** | | | | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | 0.174 | 0.14 | ND (0.035) | ND (0.035) | ND (0.036) | ND (0.037) | ND (0.038) | ND (0.037) | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | 0.028 J | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.037) | ND (0.034) | ND (0.035) | ND (0.035) | - | - | - | - | ND (0.035) | ND (0.035) | ND (0.034) | ND (0.032) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-6 | JE17019-5 | JE17209-13 | JE17209-14 | JE17282-2 | JE17282-3 | JE17282-4 | JE17282-5 | JE17019-11 | JE17019-24 | JE17019-25 | JE17019-26 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | 0.0271 J | 0.0241 J | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | 0.0311 J | 0.0387 | ND (0.034) | 0.0221 J |
| Aroclor 1260 | mg/kg | 1 | 0.1 | ND (0.034) | 0.0188 J | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | 0.0186 J | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.037) | ND (0.033) | ND (0.033) | ND (0.033) | ND (0.031) | ND (0.033) | ND (0.034) | ND (0.036) | ND (0.035) | ND (0.034) | ND (0.035) |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 | MS/MSD |
|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | | JE17019-27 | JE17019-32 | JE17019-33 | JE17019-34 | JE17019-47 |
| **Date:** | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **Matrix:** | | | | Soil | Soil | Soil | Soil | Soil |
| **PCBs (SW846 8082A)** | | | | | | | | |
| Aroclor 1016 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1221 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1232 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1242 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1248 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1254 | mg/kg | 1 | 0.1 | ND (0.034) | 0.129 | ND (0.033) | 0.0765 | ND (0.033) |
| Aroclor 1260 | mg/kg | 1 | 0.1 | ND (0.034) | 0.0379 | ND (0.033) | 0.0311 J | ND (0.033) |
| Aroclor 1262 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |
| Aroclor 1268 | mg/kg | 1 | 0.1 | ND (0.034) | ND (0.034) | ND (0.033) | ND (0.035) | ND (0.033) |

NOTES:
1. Results are measured in mg/kg.
2. Results are compared to NYSDEC USCOs and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds USCO
= concentration exceeds RRSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
USCO = NYSDEC Unrestricted Use Soil Cleanup Objectives (6 NYCRR 375-6 12/06).
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives w/CP-51 (1/10) (6 NYCRR 375-6 12/06).
mg/kg = Miligrams per kilogram
ND = Non-Detect

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | R1-SB-01 (2.5-3.0) | R1-SB-01 (7.5-8.0) | R1-SB-01 (12.5-13.0) | R1-SB-01 (17.5-18.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) | R1-SB-02 (17.5-18.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4732-43 | SS4732-44 | SS4732-45 | SS4732-46 | SS4732-49RE2 | WG375070-4RA | SS4732-50RERA | SS4732-51RE2 | SS4732-52 | WG374969-4 | SS4732-53 | SS4732-53RE | SS4732-54 |
| Date: | | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.799) | ND (0.808) | ND (0.807) | ND (0.817) | ND (0.810) | ND (0.801) | ND (0.782) | ND (0.763) | ND (0.786) | ND (0.791) | ND (0.800) | ND (0.799) | ND (0.806) |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.799) | ND (0.808) | ND (0.807) | ND (0.817) | ND (0.810) | ND (0.801) | ND (0.782) | ND (0.763) | ND (0.786) | ND (0.791) | ND (0.800) | ND (0.799) | ND (0.806) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.245 | 0.196 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | 0.0960 J | 0.0677 J | ND (0.201) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.0846 J | ND (0.200) | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFBA | ppb | NS | NS | NS | ND (0.799) | ND (0.808) | ND (0.807) | ND (0.817) | ND (0.810) | ND (0.801) | ND (0.782) | ND (0.763) | ND (0.786) | ND (0.791) | ND (0.800) | ND (0.799) | ND (0.806) |
| PFBS | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFDA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.143 J | 0.123 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | 0.814 | 0.647 | ND (0.201) |
| PFDoA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.142 J | 0.117 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFDS | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.0785 J | 0.0561 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFHpA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | 0.0810 J | 0.0848 J | 0.0533 J | 0.0583 J | ND (0.201) |
| PFHpS | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFHxA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | 0.105 J | 0.113 J | ND (0.200) | ND (0.200) | ND (0.201) |
| PFOS | ppb | 44 | 0.88 | 1 | 0.104 J | ND (0.202) | ND (0.202) | ND (0.204) | 0.708 | 0.730 | ND (0.195) | ND (0.191) | 0.0789 J | 0.0819 J | 0.384 | 0.337 | 0.148 J |
| PFOSA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.0578 J | 0.0573 JL | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | 0.0507 J | 0.0486 J | ND (0.201) |
| PFPeA | ppb | NS | NS | NS | ND (0.400) | ND (0.404) | ND (0.404) | ND (0.408) | ND (0.405) | ND (0.401) | ND (0.391) | ND (0.382) | 0.142 J | 0.146 J | ND (0.400) | ND (0.400) | ND (0.403) |
| PFTeDA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| PFTrDA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.218 | 0.152 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | 0.0771 J | 0.0954 J | ND (0.201) |
| PFUnA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.201 J | 0.171 J | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | 0.102 J | 0.0900 J | ND (0.201) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.200) | ND (0.195) | ND (0.191) | ND (0.196) | ND (0.198) | ND (0.200) | ND (0.200) | ND (0.201) |
| Total PFNA | ppb | NS | NS | NS | ND (0.200) | ND (0.202) | ND (0.202) | ND (0.204) | 0.0463 J | 0.0366 J | ND (0.195) | ND (0.191) | 0.0349 J | 0.0361 J | 0.226 | 0.183 J | ND (0.201) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | ND (0.200) | ND (0.202) | 0.0741 J | ND (0.204) | 0.153 J | 0.137 J | 0.118 J | ND (0.191) | 0.346 | 0.381 | 1.04 | 1.04 | 0.0741 J |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4732-55 | SS4732-56 | SS4732-38RE | SS4732-37 | SS4732-35 | SS4732-36 | SS4732-57 | SS4732-58 | SS4732-59 | SS4732-60 | SS4732-16RA | SS4732-16RE2 | SS4732-17RA |
| Sample Date: | | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.792) | ND (0.796) | ND (0.790) | ND (0.785) | ND (0.789) | ND (0.787) | 0.524 J | ND (0.805) | ND (0.788) | ND (0.802) | ND (0.622) | ND (0.791) | ND (0.705) |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.792) | ND (0.796) | ND (0.790) | ND (0.785) | ND (0.789) | ND (0.787) | ND (0.802) | ND (0.805) | ND (0.788) | ND (0.802) | ND (0.622) | ND (0.791) | ND (0.705) |
| NEtFOSAA | ppb | NS | NS | NS | 0.0606 J | ND (0.199) | 0.162 J | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.235 | 0.476 | ND (0.176) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | ND (0.156) | 0.163 J | ND (0.176) |
| PFBA | ppb | NS | NS | NS | ND (0.792) | ND (0.796) | ND (0.790) | ND (0.785) | ND (0.789) | ND (0.787) | ND (0.802) | ND (0.805) | ND (0.788) | ND (0.802) | ND (0.622) | ND (0.791) | ND (0.705) |
| PFBS | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | ND (0.156) | ND (0.198) | ND (0.176) |
| PFDA | ppb | NS | NS | NS | 0.0594 J | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.178 | 0.266 | ND (0.176) |
| PFDoA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.105 J | 0.307 | ND (0.176) |
| PFDS | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | 0.0764 J | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | 0.0467 J | ND (0.197) | ND (0.200) | 0.0473 J | 0.190 J | ND (0.176) |
| PFHpA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.0419 J | 0.0487 J | ND (0.176) |
| PFHpS | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | ND (0.156) | ND (0.198) | ND (0.176) |
| PFHxA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | ND (0.156) | ND (0.198) | ND (0.176) |
| PFOS | ppb | 44 | 0.88 | 1 | 0.236 | ND (0.199) | 0.204 | ND (0.196) | ND (0.197) | ND (0.197) | 0.268 | ND (0.201) | ND (0.197) | ND (0.200) | 1.17 | 1.54 | ND (0.176) |
| PFOSA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | 0.0334 J | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.0768 J | 0.172 J | ND (0.176) |
| PFPeA | ppb | NS | NS | NS | ND (0.396) | ND (0.398) | ND (0.395) | ND (0.392) | ND (0.395) | ND (0.393) | ND (0.401) | ND (0.402) | ND (0.394) | ND (0.401) | ND (0.311) | ND (0.395) | ND (0.352) |
| PFTeDA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | 0.100 J | ND (0.197) | ND (0.200) | 0.0747 J | 0.208 | ND (0.176) |
| PFTrDA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | 0.0936 J | ND (0.197) | ND (0.200) | 0.103 J | 0.382 | ND (0.176) |
| PFUnA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | 0.144 J | 0.364 | ND (0.176) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.200) | ND (0.156) | ND (0.198) | ND (0.176) |
| Total PFNA | ppb | NS | NS | NS | ND (0.198) | ND (0.199) | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | 0.0558 J | ND (0.201) | ND (0.197) | ND (0.200) | 0.0756 J | 0.109 J | ND (0.176) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | 0.134 J | 0.262 | ND (0.198) | ND (0.196) | ND (0.197) | ND (0.197) | 0.0997 J | 0.0950 J | 0.0936 J | 0.0526 J | 0.501 | 0.628 | ND (0.176) |

NOTES:

1. Results are measured in ppb.
2. Results are compared to NYSDEC UUSCOs, NYSDEC RSCO and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

ABBREVIATIONS:

NYSDEC = New York State Department of Environmental Conservation.
UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives
PGWSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives
ppb = Parts per billion
ND = Non-Detect
NS = No Standard

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) | RI-SB-09 (2.5-3) | RI-SB-09 (7.5-8) | RI-SB-09 (12-12.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4732-18RA | SS4732-19 | SS4732-20 | SS4732-21 | SS4732-22 | SS4732-23 | SS4732-12RE | SS4732-13RA | SS4732-14RA | SS4732-15RA | SS4732-2RE | SS4732-4RA | SS4732-3RA |
| Sample Date: | | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.719) | ND (0.809) | ND (0.800) | ND (0.803) | ND (0.787) | ND (0.803) | ND (0.801) | ND (0.683) | ND (0.764) | ND (0.729) | ND (0.811) | ND (0.812) | ND (0.690) |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.719) | ND (0.809) | ND (0.800) | ND (0.803) | ND (0.787) | ND (0.803) | ND (0.801) | ND (0.683) | ND (0.764) | ND (0.729) | ND (0.811) | ND (0.812) | ND (0.690) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.198 J | 0.0829 J | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0631 J | ND (0.203) | ND (0.172) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.248 | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFBA | ppb | NS | NS | NS | ND (0.719) | ND (0.809) | ND (0.800) | ND (0.803) | ND (0.787) | ND (0.803) | ND (0.801) | ND (0.683) | ND (0.764) | ND (0.729) | ND (0.811) | ND (0.812) | ND (0.690) |
| PFBS | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFDA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.821 | 0.0725 J | 0.0738 J | ND (0.201) | 0.0528 J | ND (0.171) | ND (0.191) | ND (0.182) | 0.0895 J | ND (0.203) | ND (0.172) |
| PFDoA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.767 | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFDS | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.0994 J | 0.0548 J | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFHpA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.0484 J | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0431 J | ND (0.203) | ND (0.172) |
| PFHpS | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFHxA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFOS | ppb | 44 | 0.88 | 1 | ND (0.180) | 0.0956 J | 0.427 | 0.334 | 0.324 | ND (0.201) | 0.254 | 0.0641 J | 0.0931 J | 0.0919 J | 0.378 | 0.187 J | ND (0.172) |
| PFOSA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.0358 J | ND (0.201) | 0.0357 J | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0410 J | ND (0.203) | ND (0.172) |
| PFPeA | ppb | NS | NS | NS | ND (0.360) | ND (0.405) | ND (0.400) | ND (0.401) | ND (0.393) | ND (0.402) | ND (0.400) | ND (0.342) | ND (0.382) | ND (0.364) | ND (0.406) | ND (0.406) | ND (0.345) |
| PFTeDA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.110 J | 0.0945 J | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | 0.157 J | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| PFTrDA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.569 | 0.0775 J | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0790 J | ND (0.203) | ND (0.172) |
| PFUnA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.284 | 0.0382 J | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0782 J | ND (0.203) | ND (0.172) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | ND (0.200) | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | ND (0.203) | ND (0.203) | ND (0.172) |
| Total PFNA | ppb | NS | NS | NS | ND (0.180) | ND (0.202) | 0.120 J | ND (0.201) | ND (0.197) | ND (0.201) | ND (0.200) | ND (0.171) | ND (0.191) | ND (0.182) | 0.0649 J | ND (0.203) | ND (0.172) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | 0.0682 J | 0.0722 J | 0.718 | 0.131 J | 0.154 J | 0.194 J | 0.303 | 0.0405 J | 0.0356 J | 0.140 J | 0.855 | 0.183 J | 0.327 |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-09 (17-17.5) | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) | R1-SB-12 (2.5-3.0) | R1-SB-12 (2.5-3.0) | R1-SB-12 (7.5-8.0) | R1-SB-12 (11-11.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4732-1RERA | SS4732-28 | SS4732-30 | SS4732-31 | SS4732-29 | SS4732-42 | SS4732-41RE | SS4732-39RE | SS4732-40RE | SS4760-1RE | SS4760-1RERA | SS4760-2 | SS4760-7 |
| Sample Date: | | | | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 | 8/14/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.788) | ND (0.810) | ND (0.786) | ND (0.807) | ND (0.784) | ND (0.809) | ND (0.796) | ND (0.784) | ND (0.759) | ND (0.773) | ND (0.773) | ND (0.751) | 0.116 J |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.788) | ND (0.810) | ND (0.786) | ND (0.807) | ND (0.784) | ND (0.809) | ND (0.796) | ND (0.784) | ND (0.759) | ND (0.773) | ND (0.773) | ND (0.751) | ND (0.627) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFBA | ppb | NS | NS | NS | ND (0.788) | ND (0.810) | ND (0.786) | ND (0.807) | ND (0.784) | ND (0.809) | ND (0.796) | ND (0.784) | ND (0.759) | ND (0.773) | ND (0.773) | ND (0.751) | ND (0.627) |
| PFBS | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFDA | ppb | NS | NS | NS | ND (0.197) | 0.101 J | 0.0725 J | ND (0.202) | ND (0.196) | ND (0.202) | 0.0614 J | 0.0748 J | ND (0.190) | 0.127 J | 0.116 J | 0.0816 J | ND (0.157) |
| PFDoA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFDS | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | 0.0525 J | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFHpA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | 0.0626 J |
| PFHpS | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFHxA | ppb | NS | NS | NS | ND (0.197) | 0.0511 J | 0.0525 J | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | 0.0577 J | 0.0460 J | ND (0.193) | ND (0.193) | ND (0.188) | 0.120 J |
| PFOS | ppb | 44 | 0.88 | 1 | 0.0628 J | 0.520 | 0.262 | 0.156 J | ND (0.196) | 0.223 | 0.428 | 0.656 | ND (0.190) | 0.644 | 0.641 | 0.367 | ND (0.157) |
| PFOSA | ppb | NS | NS | NS | ND (0.197) | 0.0431 J | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | 0.0352 J | 0.0468 J | ND (0.190) | 0.0629 JL | 0.0669 JL | 0.0462 J | ND (0.157) |
| PFPeA | ppb | NS | NS | NS | ND (0.394) | ND (0.405) | ND (0.393) | ND (0.404) | ND (0.392) | ND (0.404) | ND (0.398) | ND (0.392) | ND (0.380) | ND (0.386) | ND (0.386) | ND (0.375) | 0.0665 J |
| PFTeDA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFTrDA | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | ND (0.196) | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| PFUnA | ppb | NS | NS | NS | ND (0.197) | 0.0495 J | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | 0.0475 J | 0.0463 J | ND (0.190) | 0.0619 J | 0.0648 J | 0.0464 J | ND (0.157) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.197) | ND (0.203) | ND (0.196) | ND (0.202) | ND (0.196) | ND (0.202) | ND (0.199) | 0.0348 J | ND (0.190) | ND (0.193) | ND (0.193) | ND (0.188) | ND (0.157) |
| Total PFNA | ppb | NS | NS | NS | ND (0.197) | 0.0534 J | 0.0340 J | 0.0478 J | ND (0.196) | ND (0.202) | 0.0349 J | 0.0425 J | ND (0.190) | 0.0753 J | 0.0729 J | 0.0725 J | ND (0.157) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | 0.334 | 0.396 | 0.344 | 0.0421 J | 0.0659 J | ND (0.202) | 0.235 | 0.299 | 0.136 J | 0.478 | 0.494 | 0.596 | 0.0485 J |

NOTES:

1. Results are measured in ppb.
2. Results are compared to NYSDEC UUSCOs, NYSDEC RSCO and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

ABBREVIATIONS:

NYSDEC = New York State Department of Environmental Conservation.
UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives
PGWSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives
ppb = Parts per billion
ND = Non-Detect
NS = No Standard

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-12 (17.5-18) | RI-SB-13 (2.5-3.0) | RI-SB-13 (7.5-8.0) | RI-SB-13 (12.5-13.0) | RI-SB-13 (17.5-18.0) | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) | RI-SB-14 (16-16.5) | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4760-8 | SS4760-21 | SS4760-22 | SS4760-23 | SS4760-24RE | SS4732-7RE | SS4732-8RE | SS4732-9RE | SS4732-10RE | WG374967-4 | SS4691-11 | SS4691-12 | SS4788-5 |
| Sample Date: | | | | | 8/14/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/12/2025 | 8/12/2025 | 8/15/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | 0.715 | ND (0.728) | ND (0.672) | ND (0.675) | ND (0.775) | ND (0.798) | ND (0.802) | ND (0.807) | ND (0.795) | ND (0.794) | ND (0.703) | ND (0.703) | ND (0.651) |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.621) | ND (0.728) | ND (0.672) | ND (0.675) | ND (0.775) | ND (0.798) | ND (0.802) | ND (0.807) | ND (0.795) | ND (0.794) | ND (0.703) | ND (0.703) | ND (0.651) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | 0.0702 J | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFBA | ppb | NS | NS | NS | ND (0.621) | ND (0.728) | ND (0.672) | ND (0.675) | ND (0.775) | ND (0.798) | ND (0.802) | ND (0.807) | ND (0.795) | ND (0.794) | ND (0.703) | ND (0.703) | ND (0.651) |
| PFBS | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFDA | ppb | NS | NS | NS | ND (0.155) | 0.110 J | 0.0824 J | 0.0465 J | ND (0.194) | ND (0.199) | 0.102 J | ND (0.202) | ND (0.199) | ND (0.198) | 0.0508 J | ND (0.176) | 0.0806 J |
| PFDoA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | 0.0998 J |
| PFDS | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFHpA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | 0.0366 J | ND (0.169) | ND (0.194) | ND (0.199) | 0.0439 J | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | 0.0510 J | ND (0.163) |
| PFHpS | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFHxA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | 0.0429 J | 0.0487 J | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | 0.0641 J | ND (0.163) |
| PFOS | ppb | 44 | 0.88 | 1 | ND (0.155) | 0.356 | 0.372 | 1.20 | 0.200 | 0.144 J | 0.422 | 0.109 J | ND (0.199) | ND (0.198) | 0.173 J | 0.256 | 0.205 |
| PFOSA | ppb | NS | NS | NS | ND (0.155) | 0.0515 J | 0.0441 J | ND (0.169) | ND (0.194) | ND (0.199) | 0.0403 J | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | 0.0420 J |
| PFPeA | ppb | NS | NS | NS | ND (0.310) | ND (0.364) | ND (0.336) | ND (0.337) | ND (0.388) | ND (0.399) | ND (0.401) | ND (0.403) | ND (0.398) | ND (0.397) | ND (0.352) | ND (0.351) | ND (0.325) |
| PFTeDA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFTrDA | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | ND (0.169) | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| PFUnA | ppb | NS | NS | NS | ND (0.155) | 0.0509 J | 0.0416 J | ND (0.169) | ND (0.194) | ND (0.199) | 0.0556 J | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | 0.0535 J |
| Total PFHxS | ppb | NS | NS | NS | ND (0.155) | ND (0.182) | ND (0.168) | 0.0322 J | ND (0.194) | ND (0.199) | ND (0.201) | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| Total PFNA | ppb | NS | NS | NS | 0.0329 J | 0.0785 J | 0.0607 J | 0.0743 J | ND (0.194) | ND (0.199) | 0.0707 J | ND (0.202) | ND (0.199) | ND (0.198) | ND (0.176) | ND (0.176) | ND (0.163) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | 0.504 | 0.685 | 0.591 | 0.278 | 0.290 | 0.0353 J | 0.704 | 0.153 J | 0.219 | 0.219 | 0.210 | 0.212 | 0.0443 J |

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-15 (16-16.5) | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) | RI-SB-17 (3.5-4) | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4788-6 | SS4691-1 | SS4691-2RERA | SS4760-13 | SS4760-14 | SS4732-6RA | SS4732-6RERA2 | SS4732-5RA | SS4788-13 | SS4788-14 | SS4816-2 | SS4816-3 | SS4816-4 |
| Sample Date: | | | | | 8/15/2025 | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.674) | ND (0.654) | ND (0.772) | ND (0.647) | ND (0.640) | ND (0.751) | ND (0.807) | ND (0.852) | ND (0.678) | ND (0.683) | ND (0.700) | ND (0.651) | ND (0.661) |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.674) | ND (0.654) | ND (0.772) | ND (0.647) | ND (0.640) | ND (0.751) | ND (0.807) | ND (0.852) | ND (0.678) | ND (0.683) | ND (0.700) | ND (0.651) | ND (0.661) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | 0.186 J | 0.113 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | 0.108 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFBA | ppb | NS | NS | NS | ND (0.674) | ND (0.654) | ND (0.772) | ND (0.647) | ND (0.640) | ND (0.751) | ND (0.807) | ND (0.852) | ND (0.678) | ND (0.683) | ND (0.700) | ND (0.651) | ND (0.661) |
| PFBS | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFDA | ppb | NS | NS | NS | 0.0908 J | 0.0777 J | ND (0.193) | ND (0.162) | 0.0643 J | 0.104 J | 0.126 J | 0.0917 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFDoA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | 0.112 J | 0.131 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFDS | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | 0.0386 J | ND (0.188) | 0.0583 J | 0.0544 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFHpA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFHpS | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFHxA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFOS | ppb | 44 | 0.88 | 1 | 0.232 | 0.282 | 0.114 J | 0.234 | 0.180 | 0.420 | 0.709 | 0.206 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFOSA | ppb | NS | NS | NS | 0.0484 J | 0.0275 J | ND (0.193) | ND (0.162) | ND (0.160) | 0.0455 J | 0.0592 JL | 0.0374 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFPeA | ppb | NS | NS | NS | ND (0.337) | ND (0.327) | ND (0.386) | ND (0.323) | ND (0.320) | ND (0.376) | ND (0.404) | ND (0.426) | ND (0.339) | ND (0.341) | ND (0.350) | ND (0.325) | ND (0.331) |
| PFTeDA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | 0.106 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFTrDA | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | 0.0686 J | ND (0.188) | 0.148 J | 0.0841 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| PFUnA | ppb | NS | NS | NS | 0.0690 J | 0.0375 J | ND (0.193) | ND (0.162) | 0.0592 J | 0.0419 J | 0.169 J | 0.0777 J | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.169) | ND (0.164) | ND (0.193) | ND (0.162) | ND (0.160) | ND (0.188) | ND (0.202) | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| Total PFNA | ppb | NS | NS | NS | ND (0.169) | 0.0505 J | ND (0.193) | 0.0280 J | 0.0322 J | 0.0648 J | 0.0402 J | ND (0.213) | ND (0.169) | ND (0.171) | ND (0.175) | ND (0.163) | ND (0.165) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | 0.0696 J | 0.259 | 0.0296 J | 0.135 J | 0.143 J | 0.426 | 0.137 J | 0.162 J | ND (0.169) | ND (0.171) | ND (0.175) | 0.0596 J | ND (0.165) |

NOTES:
1. Results are measured in ppb.
2. Results are compared to NYSDEC UUSCOs, NYSDEC RSCO and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives
PGWSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives
ppb = Parts per billion
ND = Non-Detect
NS = No Standard

| Sample ID: | UNITS | NY RRSCO | NY UUSCO | NY PGWSCO | RI-SB-18 (17.5-18) | DUP(1)2025-08-13 | DUP(1)2025-08-13 | DUP(1)2025-08-13 | DUP(2)2025-08-13 | DUP(3)2025-08-13 | DUP(4)2025-08-13 | DUP(5)2025-08-13 | DUP(6)2025-08-13 | DUP(7)2025-08-13 | DUP(7)2025-08-13 | DUP(8)2025-08-13 | MS/MSD |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab Order: | | | | | SS4816-5 | SS4732-11RA | SS4732-11RE2 | WG375293-4 | SS4732-24 | SS4732-25 | SS4732-26 | SS4732-27 | SS4732-32 | SS4732-33 | WG374968-4 | SS4732-34RE | SS4732-47 |
| Sample Date: | | | | | 8/18/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| Matrix: | | | | | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil | Soil |
| **PFAS** | | | | | | | | | | | | | | | | | |
| 6:2 FTS | ppb | NS | NS | NS | ND (0.686) | ND (0.800) | ND (0.811) | ND (0.787) | ND (0.768) | ND (0.798) | ND (0.808) | ND (0.818) | ND (0.808) | ND (0.810) | ND (0.806) | ND (0.776) | 0.121 J |
| 8:2 FTS | ppb | NS | NS | NS | ND (0.686) | ND (0.800) | ND (0.811) | ND (0.787) | ND (0.768) | ND (0.798) | ND (0.808) | ND (0.818) | ND (0.808) | ND (0.810) | ND (0.806) | ND (0.776) | ND (0.797) |
| NEtFOSAA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | 0.0611 J | 0.0589 J | ND (0.200) | 0.0745 J | ND (0.204) | 0.171 J | ND (0.203) | ND (0.201) | 0.0707 J | ND (0.199) |
| NMeFOSAA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | 0.0689 J | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | 0.120 J | ND (0.199) |
| PFBA | ppb | NS | NS | NS | ND (0.686) | ND (0.800) | ND (0.811) | ND (0.787) | ND (0.768) | ND (0.798) | ND (0.808) | ND (0.818) | ND (0.808) | ND (0.810) | ND (0.806) | ND (0.776) | ND (0.797) |
| PFBS | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFDA | ppb | NS | NS | NS | ND (0.172) | 0.0909 J | 0.0900 J | 0.0988 J | 0.0560 J | ND (0.200) | 0.0950 J | 0.0613 J | 0.104 J | ND (0.203) | ND (0.201) | 0.111 J | ND (0.199) |
| PFDoA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | 0.109 J | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFDS | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | 0.0624 J | ND (0.204) | 0.0853 J | ND (0.203) | ND (0.201) | 0.0507 J | ND (0.199) |
| PFHpA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFHpS | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFHxA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | 0.0501 J | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFOS | ppb | 44 | 0.88 | 1 | ND (0.172) | 0.324 | 0.334 | 0.312 | 0.191 J | 0.120 J | 0.391 | 0.317 | 0.525 | 0.125 J | 0.0890 J | 0.528 | ND (0.199) |
| PFOSA | ppb | NS | NS | NS | ND (0.172) | 0.0378 J | 0.0325 J | 0.0318 J | ND (0.192) | ND (0.200) | 0.0415 J | ND (0.204) | 0.0330 J | ND (0.203) | ND (0.201) | 0.0477 J | ND (0.199) |
| PFPeA | ppb | NS | NS | NS | ND (0.343) | ND (0.400) | ND (0.405) | ND (0.394) | ND (0.384) | ND (0.399) | ND (0.404) | ND (0.409) | ND (0.404) | ND (0.405) | ND (0.403) | ND (0.388) | ND (0.398) |
| PFTeDA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFTrDA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | 0.0739 J | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| PFUnA | ppb | NS | NS | NS | ND (0.172) | 0.0547 J | 0.0639 J | 0.0611 J | ND (0.192) | ND (0.200) | 0.0857 J | ND (0.204) | 0.0610 J | ND (0.203) | ND (0.201) | 0.0746 J | ND (0.199) |
| Total PFHxS | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | ND (0.202) | ND (0.204) | ND (0.202) | ND (0.203) | ND (0.201) | ND (0.194) | ND (0.199) |
| Total PFNA | ppb | NS | NS | NS | ND (0.172) | ND (0.200) | ND (0.203) | ND (0.197) | ND (0.192) | ND (0.200) | 0.0583 J | ND (0.204) | 0.0352 J | ND (0.203) | ND (0.201) | 0.0392 J | ND (0.199) |
| Total PFOA | ppb | 33 | 0.66 | 0.8 | ND (0.172) | 0.131 J | 0.146 J | 0.148 J | 0.138 J | 0.269 | 0.539 | 0.274 | 0.186 J | 0.0778 J | 0.0655 J | 0.130 J | 0.0337 J |

NOTES:
1. Results are measured in ppb.
2. Results are compared to NYSDEC UUSCOs, NYSDEC RSCO and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives
PGWSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives
ppb = Parts per billion
ND = Non-Detect
NS = No Standard

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **VOCs (SW846 8260D)** | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1,2-Trichloroethane | ug/l | 1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,1-Dichloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2,3-Trichlorobenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2,4-Trichlorobenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.04 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 1,2-Dibromoethane | ug/l | 0.0006 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dichlorobenzene | ug/l | 3 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dichloroethane | ug/l | 0.6 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2-Dichloropropane | ug/l | 1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,3-Dichlorobenzene | ug/l | 3 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,4-Dichlorobenzene | ug/l | 3 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 2-Butanone (MEK) | ug/l | 50 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| 2-Hexanone | ug/l | 50 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4-Methyl-2-pentanone(MIBK) | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Acetone | ug/l | 50 | ND (10) | 15.1 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Benzene | ug/l | 1 | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) | ND (0.50) |
| Bromochloromethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Bromodichloromethane | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Bromoform | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Bromomethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Carbon disulfide | ug/l | 60 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Carbon tetrachloride | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Chlorobenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Chloroethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Chloroform | ug/l | 7 | 7.7 | 4.2 | 9.7 | 4.5 | 2.8 | 0.90 J | 16.7 | 1.3 | 17.7 | 12 | 10.9 | 9 |
| Chloromethane | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| cis-1,2-Dichloroethene | ug/l | 5 | 1.3 | 1.7 | 6.8 | 4.8 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| cis-1,3-Dichloropropene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Cyclohexane | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Dibromochloromethane | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Dichlorodifluoromethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Ethylbenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Freon 113 | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Isopropylbenzene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| m,p-Xylene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methyl Acetate | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Methyl Tert Butyl Ether | ug/l | 10 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Methylcyclohexane | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Methylene chloride | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| o-Xylene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Styrene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Tetrachloroethene | ug/l | 5 | 5.3 | 4.9 | 11.9 | 7.3 | ND (1.0) | 0.92 J | ND (1.0) | 0.67 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Toluene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| trans-1,2-Dichloroethene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| trans-1,3-Dichloropropene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Trichloroethene | ug/l | 5 | ND (1.0) | 0.54 J | 0.82 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Trichlorofluoromethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Vinyl chloride | ug/l | 2 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Xylene (total) | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Total TIC, Volatile | ug/l | NS | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **SVOCs (SW846 8270E)** | | | | | | | | | | | | | | |
| 1,1'-Biphenyl | ug/l | 5 | ND (1.0) | 0.40 J | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 1,4-Dioxane | ug/l | 0.35 | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) | ND (0.10) |
| 1,4-Dioxane (1) | ug/l | 0.35 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 2,2'-Oxybis(1-chloropropane) | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 2,3,4,6-Tetrachlorophenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2,4,5-Trichlorophenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2,4,6-Trichlorophenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2,4-Dichlorophenol | ug/l | 1 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 2,4-Dimethylphenol | ug/l | 1 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2,4-Dinitrophenol | ug/l | 1 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2,4-Dinitrotoluene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 2,6-Dinitrotoluene | ug/l | 5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 2-Chloronaphthalene | ug/l | 10 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 2-Chlorophenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2-Methylnaphthalene | ug/l | | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| 2-Methylphenol | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 2-Nitroaniline | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 2-Nitrophenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 3&4-Methylphenol | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 3,3'-Dichlorobenzidine | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 3-Nitroaniline | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4,6-Dinitro-o-cresol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4-Bromophenyl phenyl ether | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 4-Chloro-3-methyl phenol | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4-Chloroaniline | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4-Chlorophenyl phenyl ether | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| 4-Nitroaniline | ug/l | 5 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| 4-Nitrophenol | ug/l | NS | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Acenaphthene | ug/l | 20 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Acenaphthylene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Acetophenone | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Anthracene | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Atrazine | ug/l | 7.5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Benzaldehyde | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Benzo(a)anthracene | ug/l | 0.002 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Benzo(a)pyrene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Benzo(b)fluoranthene | ug/l | 0.002 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Benzo(g,h,i)perylene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Benzo(k)fluoranthene | ug/l | 0.002 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| bis(2-Chloroethoxy)methane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| bis(2-Chloroethyl)ether | ug/l | 1 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| bis(2-Ethylhexyl)phthalate | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Butyl benzyl phthalate | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Caprolactam | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Carbazole | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Chrysene | ug/l | 0.002 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Dibenzo(a,h)anthracene | ug/l | NS | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Dibenzofuran | ug/l | NS | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Diethyl phthalate | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Dimethyl phthalate | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Di-n-butyl phthalate | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Di-n-octyl phthalate | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **SVOCs (SW846 8270E)** | | | | | | | | | | | | | | |
| Fluoranthene | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Fluorene | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Hexachlorobenzene | ug/l | 0.04 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Hexachlorobutadiene | ug/l | 0.5 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Hexachlorocyclopentadiene | ug/l | 5 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Hexachloroethane | ug/l | 5 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.002 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Isophorone | ug/l | 50 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Naphthalene | ug/l | 10 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Nitrobenzene | ug/l | 0.4 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| N-Nitroso-di-n-propylamine | ug/l | NS | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| N-Nitrosodiphenylamine | ug/l | 50 | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) | ND (5.0) |
| Pentachlorophenol | ug/l | 1 | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) | ND (4.0) |
| Phenanthrene | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Phenol | ug/l | 1 | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) | ND (2.0) |
| Pyrene | ug/l | 50 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Total TIC, Semi-Volatile | ug/l | NS | 0 | 0 | 18.2 J | 0 | | 0 | 0 | 0 | 0 | 0 | 6.8 J | 0 |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 04, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **PESTICIDES (SW846 8081B)** | | | | | | | | | | | | | | |
| 4,4'-DDD | ug/l | 0.3 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| 4,4'-DDE | ug/l | 0.2 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| 4,4'-DDT | ug/l | 0.2 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Aldrin | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| alpha-BHC | ug/l | 0.01 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| alpha-Chlordane | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| beta-BHC | ug/l | 0.04 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| delta-BHC | ug/l | 0.04 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Dieldrin | ug/l | 0.004 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Endosulfan sulfate | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Endosulfan-I | ug/l | NS | 0.066 | ND (0.0050) | 0.074 | ND (0.0050) | 0.021 | ND (0.0050) | 0.027 | ND (0.0050) | 0.027 | ND (0.0050) | 0.008 | ND (0.0050) |
| Endosulfan-II | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Endrin | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Endrin aldehyde | ug/l | 5 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Endrin ketone | ug/l | 5 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| gamma-BHC (Lindane) | ug/l | 0.05 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| gamma-Chlordane | ug/l | NS | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Heptachlor | ug/l | 0.04 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Heptachlor epoxide | ug/l | 0.03 | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) | ND (0.0050) |
| Methoxychlor | ug/l | 35 | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) | ND (0.010) |
| Toxaphene | ug/l | 0.06 | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) | ND (0.13) |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **TOTAL METALS (SW846 6010D)** | | | | | | | | | | | | | | |
| Aluminum | ug/l | NS | 759 | ND (200) | 882 | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | 210 | ND (200) | 557 | ND (200) |
| Antimony | ug/l | 3 | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) | ND (6.0) |
| Arsenic | ug/l | 25 | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) |
| Barium | ug/l | 1000 | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) | ND (200) |
| Beryllium | ug/l | 3 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | 1 | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (1.0) |
| Cadmium | ug/l | 5 | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) |
| Calcium | ug/l | NS | 37200 | 33700 | 43800 | 32500 | 61300 | 58100 | 42600 | 60600 | 45400 | 42000 | 39900 | 38500 |
| Chromium | ug/l | 50 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Cobalt | ug/l | NS | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) |
| Copper | ug/l | 200 | 10.3 | ND (10) | ND (10) | ND (10) | ND (10) | 12.1 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Iron | ug/l | 300 | 1050 | 4420 | 1220 | 319 | ND (100) | 154 | 257 | 270 | 303 | 121 | 678 | ND (100) |
| Lead | ug/l | 25 | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | ND (3.0) | 18.9 | ND (3.0) |
| Magnesium | ug/l | 35000 | 6980 | 7280 | 7560 | 6610 | 7760 | 9100 | ND (5000) | 7110 | ND (5000) | 6850 | 8820 | 8750 |
| Manganese | ug/l | 300 | 72.8 | 1110 | 57.9 | 314 | 36.2 | 399 | 16.8 | 520 | 21.5 | 157 | 87 | 140 |
| Mercury | ug/l | 0.7 | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) | ND (0.20) |
| Nickel | ug/l | 100 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Potassium | ug/l | NS | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) | ND (10000) |
| Selenium | ug/l | 10 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Silver | ug/l | 50 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Sodium | ug/l | 20000 | 121000 | 157000 | 87500 | 105000 | 109000 | 114000 | 101000 | 152000 | 108000 | 151000 | 98100 | 125000 |
| Thallium | ug/l | 0.5 | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) | ND (10) |
| Vanadium | ug/l | NS | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) | ND (50) |
| Zinc | ug/l | 2000 | ND (20) | ND (20) | ND (20) | 24.8 | ND (20) | 20.2 | ND (20) | ND (20) | ND (20) | ND (20) | ND (20) | ND (20) |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | JE17552-2 | JE19794-1 | JE17552-3 | JE19794-2 | JE17552-4 | JE19794-3 | JE17552-5 | JE19794-4 | JE17552-6 | JE19794-8 | JE17552-7 | JE19794 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **PCBs (SW846 8082A)** | | | | | | | | | | | | | | |
| Aroclor 1016 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1221 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1232 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1242 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1248 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1254 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1260 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1262 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |
| Aroclor 1268 | ug/l | 0.09 | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) | ND (0.25) |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

| **Sample ID:** | UNITS | NYS AWQS | RI-MW-1 | RI-MW-1 | RI-MW-2 | RI-MW-2 | RI-MW-3 | RI-MW-3 | RI-MW-4 | RI-MW-4 | RI-MW-5 | RI-MW-5 | RI-MW-6 | RI-MW-6 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Lab Order:** | | | SS4997-2 | SS5684-3 | SS4997-3 | SS5684-4 | SS4997-4 | SS5684-5 | SS4997-5 | SS5684-6 | SS4997-6 | SS5684-9 | SS4997-7 | SS5684-10 |
| **Date:** | | | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/22/2025 | 8/20/2025 | 9/23/2025 | 8/20/2025 | 9/23/2025 |
| **Matrix:** | | | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water | Ground Water |
| **PFAS (EPA 1633A)** | | | | | | | | | | | | | | |
| 6:2 FTS | ppt | NS | 7.68 | ND (7.43) | ND (7.38) | ND (7.23) | ND (7.78) | ND (7.30) | 3.07 | ND (7.37) | ND (8.23) | ND (7.70) | 11.3 | ND (7.44) |
| 8:2 FTS | ppt | NS | ND (7.81) | ND (7.43) | ND (7.38) | ND (7.23) | ND (7.78) | ND (7.30) | ND (8.09) | ND (7.37) | ND (8.23) | ND (7.70) | ND (7.41) | ND (7.44) |
| NEtFOSAA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| NMeFOSAA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFBA | ppt | NS | 12.7 | 13.7 | 7.47 | 6.97 | 16.7 | 13.7 | 8.39 | 13.3 | 8.51 | 9.16 | 7.1 | 7.73 |
| PFBS | ppt | NS | 8.90 | 7.57 | 5.57 | 5.66 | 14.1 | 13.4 | 8.10 | 10.8 | 7.86 | 9.1 | 7.02 | 8.83 |
| PFDA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | 4.48 | 2.84 | 1.29 | 2.62 | 1.19 | 1.16 | 1.85 | ND (1.86) |
| PFDoA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFDS | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFHpA | ppt | NS | 13.3 | 11.9 | 8.45 | 8.16 | 16.0 | 13.8 | 8.27 | 15.7 | 8.63 | 9.42 | 8.02 | 8.76 |
| PFHpS | ppt | NS | 0.935 | 1.02 | 0.603 | 0.0805 | 1.08 | 1.01 | 1.29 | 0.905 | 1.36 | 1.6 | 1.3 | 1.65 |
| PFHxA | ppt | NS | 21.3 | 19.7 | 11.5 | 11.9 | 27.6 | 29.4 | 13.3 | 23 | 13.8 | 15.5 | 11.8 | 15.3 |
| Total PFHxS | ppt | NS | 15.5 | 13.5 | 8.51 | 8.06 | 19.9 | 15.1 | 6.41 | 19 | 6.6 | 7.39 | 7.64 | 7.6 |
| Total PFNA | ppt | NS | 1.89 J | 1.78 | 2.02 | 2.12 | 21.4 | 21.4 | 19.4 | 56.3 | 21.7 | 8.02 | 8.72 | 12.1 |
| Total PFOA | ppt | 6.7 | 34.4 | 34.7 | 30 | 28.5 | 41.6 | 40.1 | 35.7 | 62.0 | 37 | 37.8 | 37 | 46.1 |
| PFOS | ppt | 2.7 | 35.3 | 38.9 | 30.9 | 42.2 | 86.1 | 75.8 | 42.3 | 75.8 | 43.1 | 53.2 | 28.6 | 44.5 |
| PFOSA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFPeA | ppt | NS | 23.7 | 21.1 | 12.8 | 12.8 | 28.1 | 29.4 | 15.4 | 24.7 | 15.5 | 18.1 | 13 | 16.3 |
| PFTeDA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFTrDA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | ND (1.94) | ND (1.82) | ND (2.02) | ND (1.84) | ND (2.06) | ND (1.92) | ND (1.85) | ND (1.86) |
| PFUnA | ppt | NS | ND (1.95) | ND (1.86) | ND (1.84) | ND (1.81) | 137 | 167 | ND (2.02) | 71.4 | ND (2.06) | 1.86 | ND (1.85) | 0.946 |

NOTES:
1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).
= concentration exceeds AWQS

ABBREVIATIONS:
NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ND = Non-Detect

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**
TABLE 5.20
SUMMARY OF SOIL VAPOR RESULTS

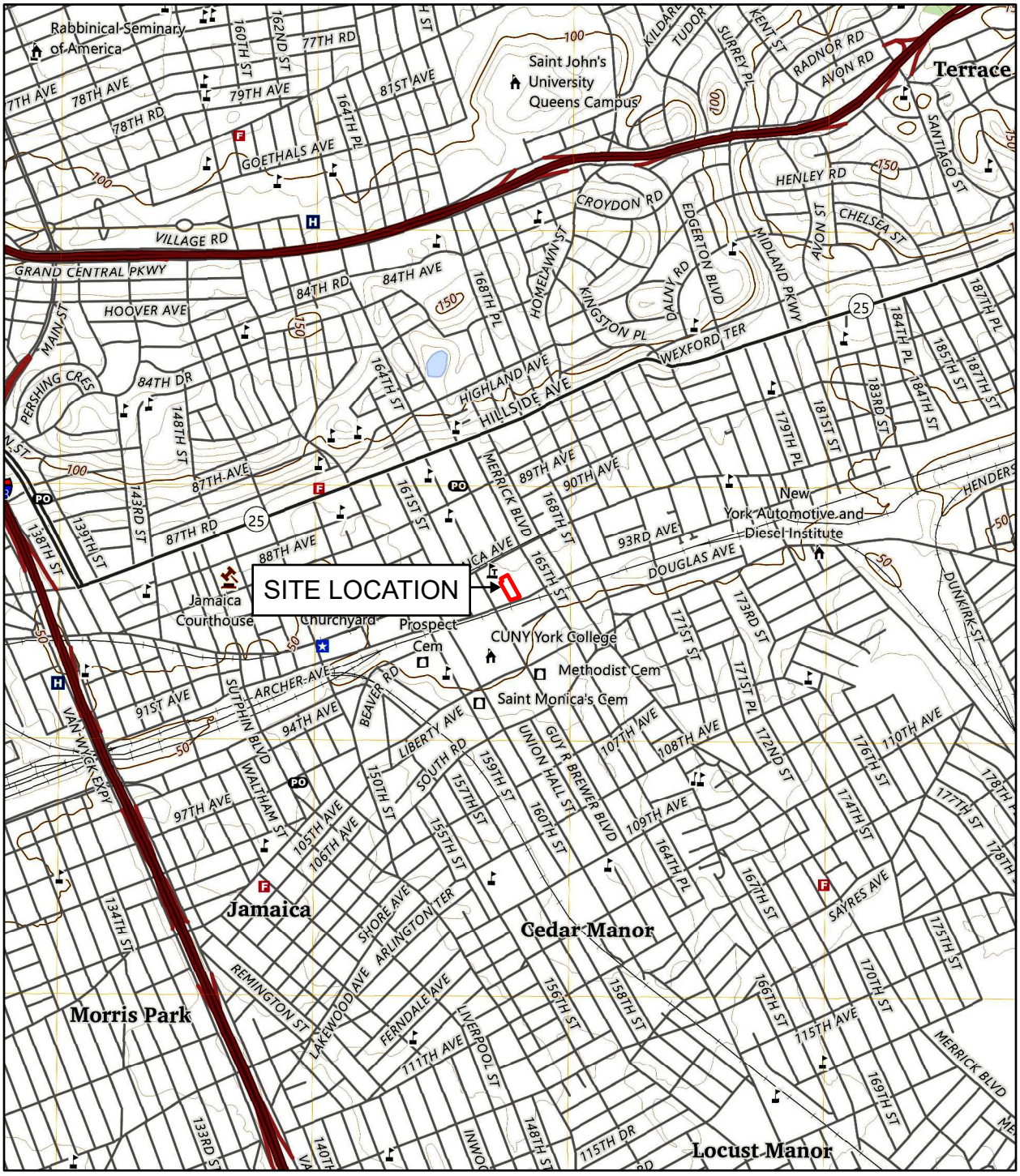
C241283--Archer Avenue Auto Repair and Coal Yard Site
163-25 Archer Avenue
Jamaica, Queens, NY

| Sample ID: | Units | SOIL VAPOR | | INDOOR AIR | | RI-SV-1 | RI-SV-2 | RI-SV-3 | RI-SV-4 | RI-SV-5 | RI-SV-6 | RI-SV-7 | AA-1 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Lab ID: | | NYS Matrix A-F (High) | NYS Matrix A-F (Low) | NYS Matrix A-F (High) | NYS Matrix A-F (Low) | JE17470 | JE17470 | JE17470 | JE17470 | JE17470 | JE17470 | JE17470 | JE17470 |
| Date | | | | | | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 | 8/19/2025 |
| Matrix: | | | | | | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Soil Vapor | Ambient Air |
| **VOCs (TO-15)** | | | | | | | | | | | | | |
| **MATRIX A** | | | | | | | | | | | | | |
| 1,1-Dichloroethylene | ug/m3 | 60 | 6 | 1 | 0.2 | ND (0.63) | ND (0.63) | ND (0.63) | ND (3.2) | ND (0.63) | ND (0.63) | ND (0.63) | ND (0.13) |
| Carbon tetrachloride | ug/m3 | 60 | 6 | 1 | 0.2 | ND (1.0) | ND (1.0) | ND (1.0) | ND (5.0) | ND (1.0) | ND (1.0) | ND (1.0) | ND (0.20) |
| cis-1,2-Dichloroethylene | ug/m3 | 60 | 6 | 1 | 0.2 | ND (0.63) | ND (0.63) | ND (0.63) | ND (3.2) | ND (0.63) | ND (0.63) | ND (0.63) | ND (0.13) |
| Trichloroethylene (TCE) | ug/m3 | 60 | 6 | 1 | 0.2 | ND (0.86) | 3.4 | 4.1 | ND (4.3) | ND (0.86) | 3.9 | ND (0.86) | ND (0.17) |
| **MATRIX B** | | | | | | | | | | | | | |
| Methylene chloride | ug/m3 | 1000 | 100 | 10 | 3 | 21 | 3.3 | 46.9 | ND (14) | 4.2 | 17 | 3.2 | 14 |
| 1,1,1-Trichloroethane | ug/m3 | 1000 | 100 | 10 | 3 | 18 | 6 | 3.9 | ND (11) | 14 | 4.9 | 17 | ND (0.44) |
| Tetrachloroethylene (PCE) | ug/m3 | 1000 | 100 | 10 | 3 | 14 | 92.2 | 10 | 25 | 163 | 64 | 10 | 4.1 |
| **MATRIX C** | | | | | | | | | | | | | |
| Vinyl chloride | ug/m3 | 60 | 6 | 0.2 | 0.2 | ND (0.41) | ND (0.41) | ND (0.41) | ND (2.0) | ND (0.41) | ND (0.41) | ND (0.41) | ND (0.082) |
| **MATRIX D** | | | | | | | | | | | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 600 | 60 | 10 | 2 | 12 | 9.8 | 7.9 | ND (20) | 11 | 6.9 | 14 | ND (0.79) |
| 1,3,5-Trimethylbenzene | ug/m3 | 600 | 60 | 10 | 2 | ND (3.9) | 2.0 J | ND (3.9) | ND (20) | 2.5 J | ND (3.9) | 2.1 J | ND (0.79) |
| 2,2,4-Trimethylpentane | ug/m3 | 600 | 60 | 10 | 2 | ND (3.7) | ND (3.7) | ND (3.7) | 18 J | ND (3.7) | ND (3.7) | ND (3.7) | 0.45 J |
| Benzene | ug/m3 | 600 | 60 | 10 | 2 | ND (2.6) | 1.8 J | ND (2.6) | ND (13) | 3.1 | 1.3 J | ND (2.6) | 0.35 J |
| Cyclohexane | ug/m3 | 600 | 60 | 10 | 2 | ND (2.8) | ND (2.8) | ND (2.8) | ND (14) | ND (2.8) | ND (2.8) | ND (2.8) | ND (0.55) |
| Ethylbenzene | ug/m3 | 600 | 60 | 10 | 2 | ND (3.5) | 7.8 | ND (3.5) | ND (17) | 13 | 5.6 | ND (3.5) | 0.48 J |
| o-Xylene | ug/m3 | 600 | 60 | 10 | 2 | 2.8 J | 10 | 2.4 J | ND (17) | 16 | 7.8 | 3.4 J | 0.61 J |
| **MATRIX E** | | | | | | | | | | | | | |
| Heptane | ug/m3 | 2000 | 200 | 20 | 6 | ND (3.3) | 1.7 J | ND (3.3) | 12 J | 4.1 | ND (3.3) | ND (3.3) | ND (0.66) |
| Hexane | ug/m3 | 2000 | 200 | 20 | 6 | 23 | 2.5 J | 33 | 15 | 3.5 | 18 | 3.2 | 11 |
| m,p-Xylene | ug/m3 | 2000 | 200 | 20 | 6 | 8.3 | 29 | 6.5 | ND (17) | 45.6 | 20 | 10 | 1.6 |
| **MATRIX F** | | | | | | | | | | | | | |
| Toluene | ug/m3 | 3000 | 300 | 50 | 10 | 2.1 J | 19 | 2.1 J | 7.5 J | 40.7 | 12 | 2.5 J | 1.9 |
| **NO MATRIX** | | | | | | | | | | | | | |
| 1,1,2,2-Tetrachloroethane | ug/m3 | NS | NS | NS | NS | ND (2.7) | ND (2.7) | ND (2.7) | ND (14) | ND (2.7) | ND (2.7) | ND (2.7) | ND (0.55) |
| 1,1,2-Trichloroethane | ug/m3 | NS | NS | NS | NS | ND (2.2) | ND (2.2) | ND (2.2) | ND (11) | ND (2.2) | ND (2.2) | ND (2.2) | ND (0.44) |
| 1,1-Dichloroethane | ug/m3 | NS | NS | NS | NS | ND (3.2) | ND (3.2) | ND (3.2) | ND (16) | ND (3.2) | ND (3.2) | ND (3.2) | ND (0.65) |
| 1,2,4-Trichlorobenzene | ug/m3 | NS | NS | NS | NS | ND (3.0) | ND (3.0) | ND (3.0) | ND (15) | ND (3.0) | ND (3.0) | ND (3.0) | ND (0.59) |
| 1,2-Dibromoethane (EDB) | ug/m3 | NS | NS | NS | NS | ND (3.1) | ND (3.1) | ND (3.1) | ND (15) | ND (3.1) | ND (3.1) | ND (3.1) | ND (0.61) |
| 1,2-Dichloroethane | ug/m3 | NS | NS | NS | NS | ND (3.2) | ND (3.2) | ND (3.2) | ND (16) | ND (3.2) | ND (3.2) | ND (3.2) | ND (0.65) |
| 1,2-Dichloropropane | ug/m3 | NS | NS | NS | NS | ND (3.7) | ND (3.7) | ND (3.7) | ND (18) | ND (3.7) | ND (3.7) | ND (3.7) | ND (0.74) |
| 1,3-Butadiene | ug/m3 | NS | NS | NS | NS | ND (1.8) | ND (1.8) | ND (1.8) | ND (8.8) | ND (1.8) | ND (1.8) | ND (1.8) | ND (0.35) |
| 1,4-Dioxane | ug/m3 | NS | NS | NS | NS | ND (2.9) | ND (2.9) | ND (2.9) | ND (14) | ND (2.9) | ND (2.9) | ND (2.9) | ND (0.58) |
| 2-Chlorotoluene | ug/m3 | NS | NS | NS | NS | ND (4.1) | ND (4.1) | ND (4.1) | ND (21) | ND (4.1) | ND (4.1) | ND (4.1) | ND (0.83) |
| 2-Hexanone | ug/m3 | NS | NS | NS | NS | ND (3.3) | ND (3.3) | ND (3.3) | 270 | ND (3.3) | ND (3.3) | ND (3.3) | ND (0.65) |
| 3-Chloropropene | ug/m3 | NS | NS | NS | NS | ND (2.5) | ND (2.5) | ND (2.5) | ND (13) | ND (2.5) | ND (2.5) | ND (2.5) | ND (0.50) |
| 4-Ethyltoluene | ug/m3 | NS | NS | NS | NS | ND (3.9) | ND (3.9) | ND (3.9) | ND (20) | 2.6 J | ND (3.9) | 2.0 J | ND (0.79) |
| Acetone (2-Propanone) | ug/m3 | NS | NS | NS | NS | 14 | 25.9 | 14 | 2120 | 39.9 | 20 | 13 | 10 |
| Benzyl Chloride | ug/m3 | NS | NS | NS | NS | ND (10) | ND (10) | ND (10) | ND (52) | ND (10) | ND (10) | ND (10) | ND (2.1) |
| Bromodichloromethane | ug/m3 | NS | NS | NS | NS | ND (2.7) | ND (2.7) | ND (2.7) | ND (13) | ND (2.7) | ND (2.7) | ND (2.7) | ND (0.54) |
| Bromoethene | ug/m3 | NS | NS | NS | NS | ND (3.5) | ND (3.5) | ND (3.5) | ND (17) | ND (3.5) | ND (3.5) | ND (3.5) | ND (0.70) |
| Bromoform | ug/m3 | NS | NS | NS | NS | ND (1.7) | ND (1.7) | ND (1.7) | ND (8.3) | ND (1.7) | ND (1.7) | ND (1.7) | ND (0.33) |
| Bromomethane | ug/m3 | NS | NS | NS | NS | ND (3.1) | ND (3.1) | ND (3.1) | ND (16) | ND (3.1) | ND (3.1) | ND (3.1) | ND (0.62) |
| Carbon disulfide | ug/m3 | NS | NS | NS | NS | 2.2 J | 1.5 J | ND (2.5) | 19 | 4 | ND (2.5) | 2.3 J | 0.65 |
| Chlorobenzene | ug/m3 | NS | NS | NS | NS | ND (3.7) | ND (3.7) | ND (3.7) | ND (18) | ND (3.7) | ND (3.7) | ND (3.7) | ND (0.74) |
| Chloroethane | ug/m3 | NS | NS | NS | NS | ND (2.1) | ND (2.1) | ND (2.1) | ND (11) | ND (2.1) | ND (2.1) | ND (2.1) | ND (0.42) |
| Chloroform | ug/m3 | NS | NS | NS | NS | ND (3.9) | 15 | 15 | 43 | 4.9 | 15 | 22 | ND (0.78) |
| Chloromethane | ug/m3 | NS | NS | NS | NS | ND (1.7) | ND (1.7) | ND (1.7) | ND (8.3) | ND (1.7) | ND (1.7) | ND (1.7) | 1.1 |
| cis-1,3-Dichloropropene | ug/m3 | NS | NS | NS | NS | ND (3.6) | ND (3.6) | ND (3.6) | ND (18) | ND (3.6) | ND (3.6) | ND (3.6) | ND (0.73) |
| Dibromochloromethane | ug/m3 | NS | NS | NS | NS | ND (3.4) | ND (3.4) | ND (3.4) | ND (17) | ND (3.4) | ND (3.4) | ND (3.4) | ND (0.68) |
| Dichlorodifluoromethane | ug/m3 | NS | NS | NS | NS | 4.9 | 3.5 J | ND (4.0) | ND (20) | 4.9 | 3.7 J | ND (4.0) | 2.5 |
| Ethanol | ug/m3 | NS | NS | NS | NS | 4.3 | 64.1 | 4.5 | 98.2 | 124 | 49.4 | ND (3.8) | 8.3 |
| Ethyl Acetate | ug/m3 | NS | NS | NS | NS | 6.5 | 7.6 | ND (2.9) | 14 J | 12 | ND (2.9) | ND (2.9) | 3.3 |
| Freon 113 | ug/m3 | NS | NS | NS | NS | ND (3.1) | ND (3.1) | ND (3.1) | ND (15) | ND (3.1) | ND (3.1) | ND (3.1) | ND (0.61) |
| Freon 114 | ug/m3 | NS | NS | NS | NS | ND (2.8) | ND (2.8) | ND (2.8) | ND (14) | ND (2.8) | ND (2.8) | ND (2.8) | ND (0.56) |
| Hexachlorobutadiene | ug/m3 | NS | NS | NS | NS | ND (3.8) | ND (3.8) | ND (3.8) | ND (19) | ND (3.8) | ND (3.8) | ND (3.8) | ND (0.77) |
| Isopropyl Alcohol | ug/m3 | NS | NS | NS | NS | 4.2 | 20 | 7.9 | 10 | 30.2 | 17 | 5.9 | 2.3 |
| m-Dichlorobenzene | ug/m3 | NS | NS | NS | NS | ND (2.4) | ND (2.4) | ND (2.4) | ND (12) | ND (2.4) | ND (2.4) | ND (2.4) | ND (0.48) |
| Methyl ethyl ketone | ug/m3 | NS | NS | NS | NS | 1.4 J | 4.4 | ND (2.4) | 2600 | 7.4 | 3.5 | 2.4 | 1 |
| Methyl Isobutyl Ketone | ug/m3 | NS | NS | NS | NS | ND (3.3) | ND (3.3) | ND (3.3) | ND (16) | ND (3.3) | ND (3.3) | ND (3.3) | ND (0.66) |
| Methyl Tert Butyl Ether | ug/m3 | NS | NS | NS | NS | ND (2.9) | ND (2.9) | ND (2.9) | ND (14) | ND (2.9) | ND (2.9) | ND (2.9) | ND (0.58) |
| Methylmethacrylate | ug/m3 | NS | NS | NS | NS | ND (3.3) | ND (3.3) | ND (3.3) | ND (16) | 1.8 J | ND (3.3) | ND (3.3) | ND (0.66) |
| o-Dichlorobenzene | ug/m3 | NS | NS | NS | NS | ND (0.96) | ND (0.96) | ND (0.96) | ND (4.8) | ND (0.96) | ND (0.96) | ND (0.96) | ND (0.19) |
| p-Dichlorobenzene | ug/m3 | NS | NS | NS | NS | ND (2.4) | ND (2.4) | ND (2.4) | ND (12) | ND (2.4) | ND (2.4) | ND (2.4) | ND (0.48) |
| Propylene | ug/m3 | NS | NS | NS | NS | 6 | 9.6 | 7.6 | 340 | 5.2 | 8.2 | 6.7 | ND (0.69) |
| Styrene | ug/m3 | NS | NS | NS | NS | ND (3.4) | 4 | ND (3.4) | ND (17) | 7.7 | 3.1 J | ND (3.4) | ND (0.68) |
| Tertiary Butyl Alcohol | ug/m3 | NS | NS | NS | NS | 4.2 | 10 | ND (2.4) | ND (12) | 18 | 7.6 | 4.5 | 0.79 |
| Tetrahydrofuran | ug/m3 | NS | NS | NS | NS | ND (2.4) | ND (2.4) | ND (2.4) | ND (12) | ND (2.4) | ND (2.4) | ND (2.4) | ND (0.47) |
| trans-1,2-Dichloroethylene | ug/m3 | NS | NS | NS | NS | ND (3.2) | ND (3.2) | ND (3.2) | ND (16) | 2.0 J | ND (3.2) | ND (3.2) | ND (0.63) |
| trans-1,3-Dichloropropene | ug/m3 | NS | NS | NS | NS | ND (3.6) | ND (3.6) | ND (3.6) | ND (18) | ND (3.6) | ND (3.6) | ND (3.6) | ND (0.73) |
| Trichlorofluoromethane | ug/m3 | NS | NS | NS | NS | 77 | 139 | 107 | 14 | 117 | 131 | 187 | 3 |
| Vinyl Acetate | ug/m3 | NS | NS | NS | NS | ND (2.8) | ND (2.8) | ND (2.8) | 16 | 1.8 J | ND (2.8) | ND (2.8) | ND (0.56) |
| Xylenes (total) | ug/m3 | NS | NS | NS | NS | 11 | 39 | 8.9 | ND (17) | 61.6 | 28 | 13 | 2.2 |

NOTES:
1. Results are measured in $ug/m^3$.

ABBREVIATIONS:
NYS = New York State
$ug/m^3$ = micrograms per meter cubed
NYS Matrix A-F (Low) = NYS SV Guidance - Matrix A-F Soil Vapor/Indoor Air Low (NYS SVI GUIDE 2/24)
NYS Matrix A-F (High) = NYS SV Guidance - Matrix A-F Soil Vapor/Indoor Air High (NYS SVI GUIDE 2/24)

# Figures




**REFERENCE:**

UNITED STATES GEOLOGICAL SURVEY (USGS)
JAMAICA, NY USGS QUADRANGLE - 2023

LEGEND:

SITE LOCATION

SCALE: 1" = 2,000'

0 1,000 2,000 4,000 FEET

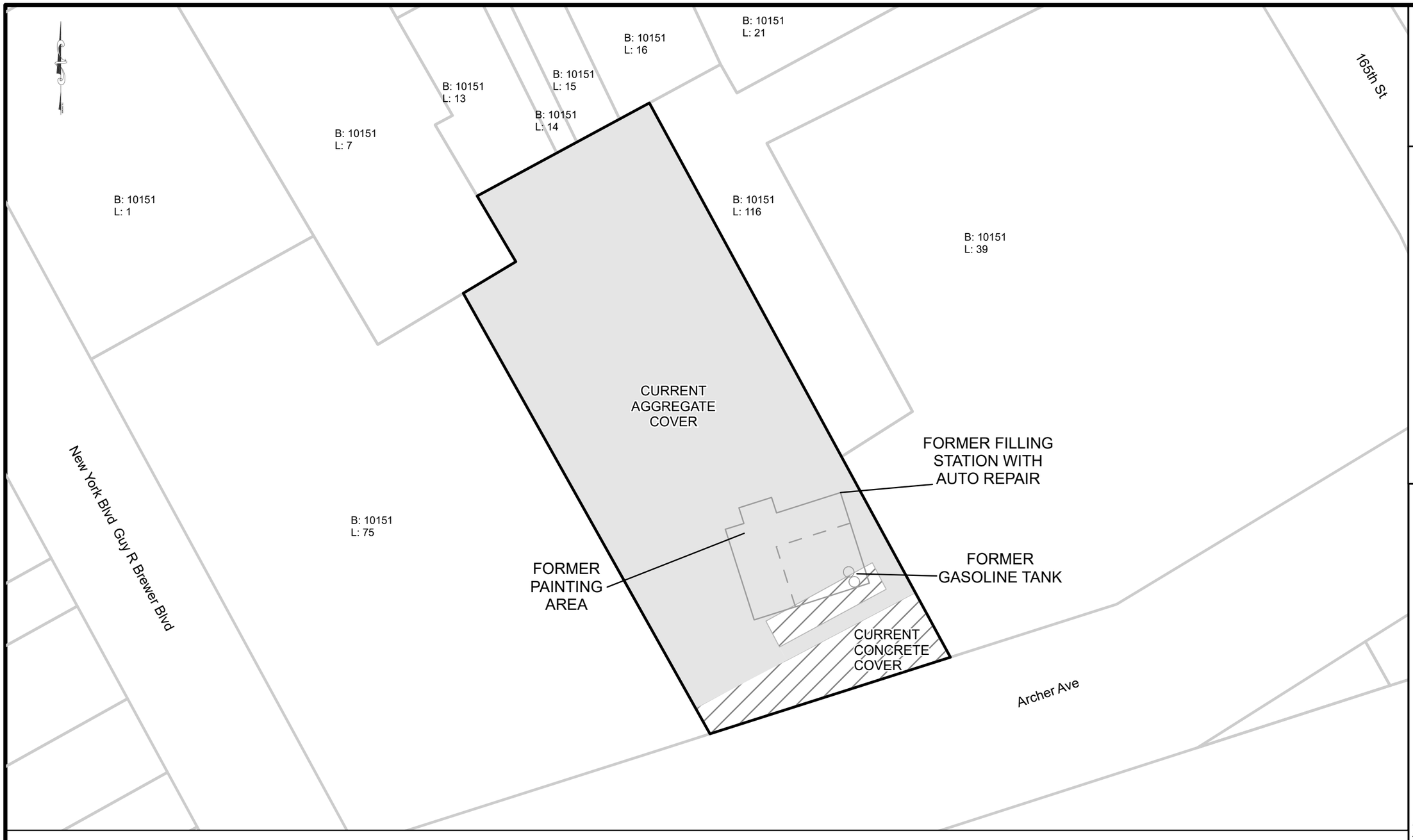
REMEDIAL INVESTIGATION WORK PLAN
C241283--ARCHER AVENUE AUTO REPAIR AND COAL YARD SITE
JAMAICA, NEW YORK

**SITE LOCATION MAP**

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

| | |
|---|---|
| FIG-1.1 | |
| DRAWN BY: | KBV |
| CHECKED BY: | CM |
| SCALE: | AS NOTED |
| DATE: | 6/17/2025 |
| JOB NO: | 12914 |

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 6/17/2025 12:50 PM, Kim Vanderklein, LAYOUT: FIG-1.2




© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

**NYS Education Law**

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

**REFERENCE:**

PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES

LEGEND:

- CURRENT AGGREGATE COVER
- CURRENT CONCRETE COVER
- PROPERTY BOUNDARY
- NY TAX PARCELS

SCALE: 1" = 50'

0 25 50 100 FEET

dwg by: KBV
chk by: JM
scale: AS NOTED
date: 6/17/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

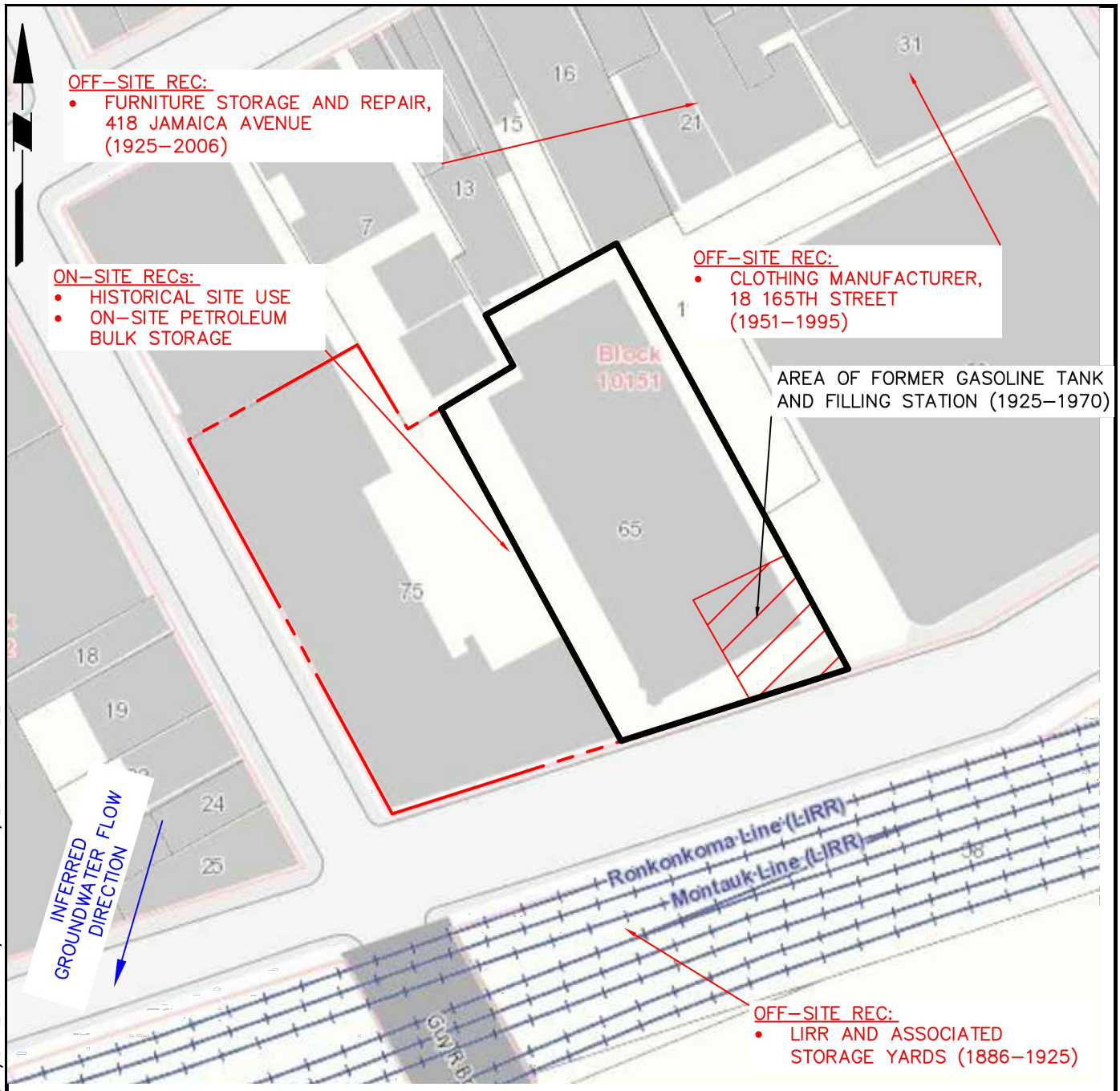
project: REMEDIAL INVESTIGATION WORK PLAN
C241283--ARCHER AVENUE AUTO REPAIR
AND COAL YARD SITE
JAMAICA, NEW YORK

title: **CURRENT SITE PLAN**

job no.: 12914
drawing no:

# FIG-2.1

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 6/17/2025 12:59 PM, Kim Vanderklein, LAYOUT: FIG-2.1




**LEGEND**

PROPERTY BOUNDARY

SCALE: 1"=100'

0 100 200

REFERENCE:
ALL INFORMATION TAKEN FROM DRAWING ENTITLED "SITE LAYOUT MAP", BY LANGAN, DATED MAY 2017.

C241283--ARCHER AVE AUTO REPAIR AND COAL YARD SITE
QUEENS, NEW YORK

REC LOCATION MAP

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

FIG 2.2

DRAWN BY: APG
CHECKED BY: JR
SCALE: AS NOTED
DATE: 10/31/2025
JOB NO.: 12914

N:\ACAD\12914\CAD\ENVIRONMENTAL\12914.DWG.REC MAP.DWG 10/31/25 02:38:43PM, kim.vanderklein, LAYOUT:FIG 2.2




© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

NOTE:
THIS PLAN IS FOR LOCATING SOIL VAPOR AND AMBIENT AIR LOCATIONS ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION

**REFERENCE:**
PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY TAKEN FROM NEARMAP, DATED APRIL 1, 2025.

LEGEND:
- RI-MW-01 — MONITORING WELL NO. AND APPROX LOCATION
- RI-SB-12N — SOIL BORING NO. AND APPROX. LOCATION (DELINEATION SAMPLE)
- RI-SB-01 — SOIL BORING NO. AND APPROX. LOCATION
- RI-SV-01 — SOIL VAPOR NO. AND APPROX. LOCATION
- SITE LOCATION
- NY TAX PARCELS

SCALE: 1" = 20'
0 10 20 40 60 80 FEET

| rev | date | description | by |
|---|---|---|---|

dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 10/31/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

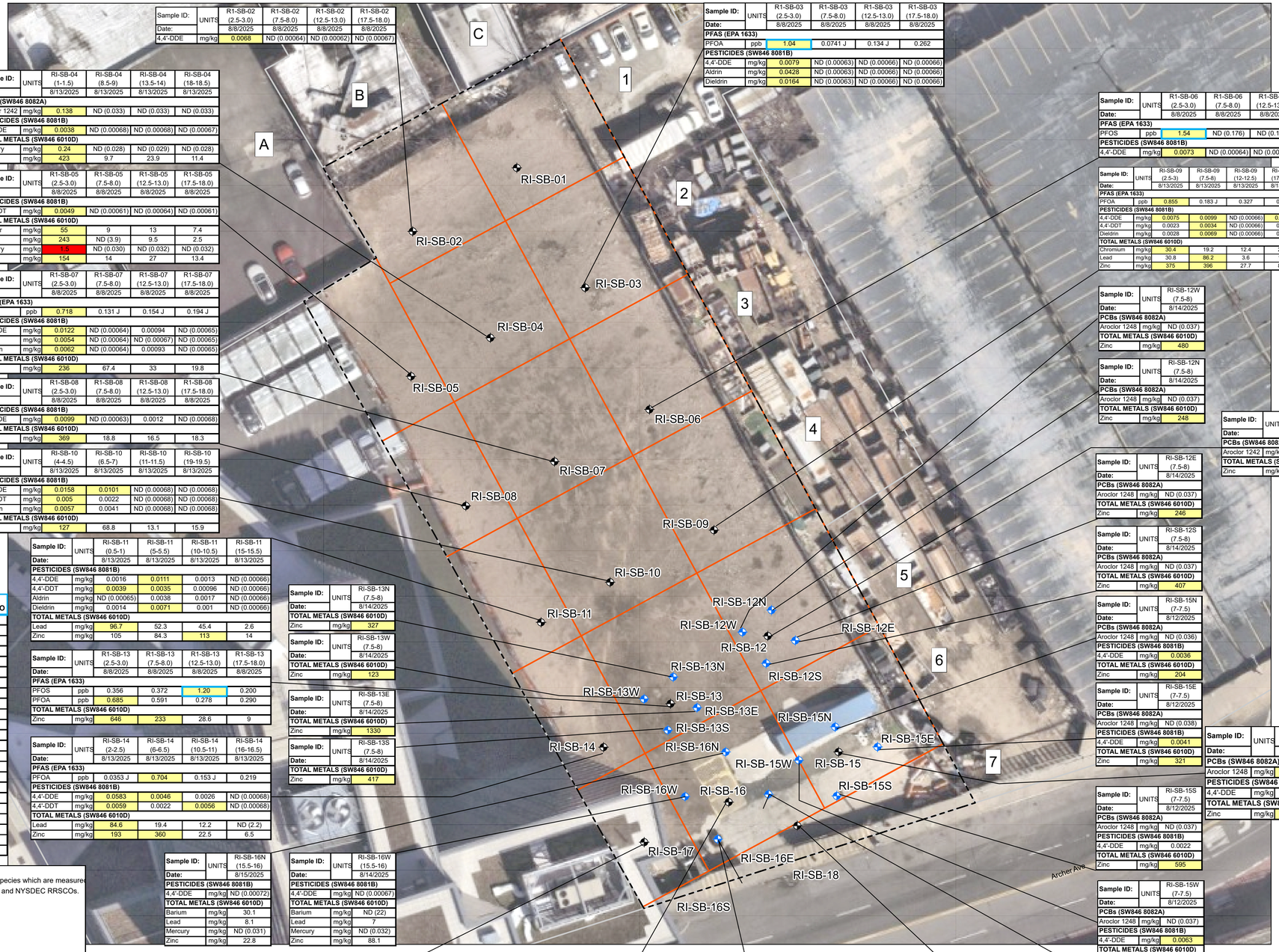
project:
C241283--ARCHER AVE AUTO REPAIR AND COAL YARD SITE
JAMAICA, NEW YORK

title:
**SAMPLING LOCATION PLAN**

job no.: 12914
drawing no:
FIG-4.1

Y:\GIS\Project_Numbers\12914\FINAL_MAPS_ 10/31/2025 12:59 PM, Kim Vandeloken, LAYOUT: FIG-4.1

N




| Sample ID: | UNITS | R1-SB-02 (2.5-3.0) | R1-SB-02 (7.5-8.0) | R1-SB-02 (12.5-13.0) | R1-SB-02 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| 4,4'-DDE | mg/kg | 0.0068 | ND (0.00064) | ND (0.00062) | ND (0.00067) |

| Sample ID: | UNITS | R1-SB-03 (2.5-3.0) | R1-SB-03 (7.5-8.0) | R1-SB-03 (12.5-13.0) | R1-SB-03 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOA | ppb | 1.04 | 0.0741 J | 0.134 J | 0.262 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0079 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Aldrin | mg/kg | 0.0428 | ND (0.00063) | ND (0.00066) | ND (0.00066) |
| Dieldrin | mg/kg | 0.0164 | ND (0.00063) | ND (0.00066) | ND (0.00066) |

| Sample ID: | UNITS | RI-SB-04 (1-1.5) | RI-SB-04 (8.5-9) | RI-SB-04 (13.5-14) | RI-SB-04 (18-18.5) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **PCBs (SW846 8082A)** | | | | | |
| Aroclor 1242 | mg/kg | 0.138 | ND (0.033) | ND (0.033) | ND (0.033) |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0038 | ND (0.00068) | ND (0.00068) | ND (0.00067) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Mercury | mg/kg | 0.24 | ND (0.028) | ND (0.029) | ND (0.028) |
| Zinc | mg/kg | 423 | 9.7 | 23.9 | 11.4 |

| Sample ID: | UNITS | R1-SB-05 (2.5-3.0) | R1-SB-05 (7.5-8.0) | R1-SB-05 (12.5-13.0) | R1-SB-05 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDT | mg/kg | 0.0049 | ND (0.00061) | ND (0.00064) | ND (0.00061) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Copper | mg/kg | 55 | 9 | 13 | 7.4 |
| Lead | mg/kg | 243 | ND (3.9) | 9.5 | 2.5 |
| Mercury | mg/kg | 1.5 | ND (0.030) | ND (0.032) | ND (0.032) |
| Zinc | mg/kg | 154 | 14 | 27 | 13.4 |

| Sample ID: | UNITS | R1-SB-07 (2.5-3.0) | R1-SB-07 (7.5-8.0) | R1-SB-07 (12.5-13.0) | R1-SB-07 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOA | ppb | 0.718 | 0.131 J | 0.154 J | 0.194 J |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0122 | ND (0.00064) | 0.00094 | ND (0.00065) |
| Aldrin | mg/kg | 0.0054 | ND (0.00064) | ND (0.00067) | ND (0.00065) |
| Dieldrin | mg/kg | 0.0062 | ND (0.00064) | 0.00093 | ND (0.00065) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 236 | 67.4 | 33 | 19.8 |

| Sample ID: | UNITS | R1-SB-08 (2.5-3.0) | R1-SB-08 (7.5-8.0) | R1-SB-08 (12.5-13.0) | R1-SB-08 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0099 | ND (0.00063) | 0.0012 | ND (0.00068) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 369 | 18.8 | 16.5 | 18.3 |

| Sample ID: | UNITS | RI-SB-10 (4-4.5) | RI-SB-10 (6.5-7) | RI-SB-10 (11-11.5) | RI-SB-10 (19-19.5) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0158 | 0.0101 | ND (0.00068) | ND (0.00068) |
| 4,4'-DDT | mg/kg | 0.005 | 0.0022 | ND (0.00068) | ND (0.00068) |
| Dieldrin | mg/kg | 0.0057 | 0.0041 | ND (0.00068) | ND (0.00068) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 127 | 68.8 | 13.1 | 15.9 |

| Sample ID: | UNITS | RI-SB-11 (0.5-1) | RI-SB-11 (5-5.5) | RI-SB-11 (10-10.5) | RI-SB-11 (15-15.5) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0016 | 0.0111 | 0.0013 | ND (0.00066) |
| 4,4'-DDT | mg/kg | 0.0039 | 0.0035 | 0.00096 | ND (0.00066) |
| Aldrin | mg/kg | ND (0.00065) | 0.0038 | 0.0017 | ND (0.00066) |
| Dieldrin | mg/kg | 0.0014 | 0.0071 | 0.001 | ND (0.00066) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Lead | mg/kg | 96.7 | 52.3 | 45.4 | 2.6 |
| Zinc | mg/kg | 105 | 84.3 | 113 | 14 |

| Sample ID: | UNITS | R1-SB-13 (2.5-3.0) | R1-SB-13 (7.5-8.0) | R1-SB-13 (12.5-13.0) | R1-SB-13 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOS | ppb | 0.356 | 0.372 | 1.20 | 0.200 |
| PFOA | ppb | 0.685 | 0.591 | 0.278 | 0.290 |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 646 | 233 | 28.6 | 9 |

| Sample ID: | UNITS | RI-SB-14 (2-2.5) | RI-SB-14 (6-6.5) | RI-SB-14 (10.5-11) | RI-SB-14 (16-16.5) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOA | ppb | 0.0353 J | 0.704 | 0.153 J | 0.219 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0583 | 0.0046 | 0.0026 | ND (0.00068) |
| 4,4'-DDT | mg/kg | 0.0059 | 0.0022 | 0.0056 | ND (0.00068) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Lead | mg/kg | 84.6 | 19.4 | 12.2 | ND (2.2) |
| Zinc | mg/kg | 193 | 360 | 22.5 | 6.5 |

| Sample ID: | UNITS | RI-SB-13N (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 327 |

| Sample ID: | UNITS | RI-SB-13W (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 123 |

| Sample ID: | UNITS | RI-SB-13E (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 1330 |

| Sample ID: | UNITS | RI-SB-13S (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 417 |

| Sample ID: | UNITS | RI-SB-16N (15.5-16) |
|---|---|---|
| Date: | | 8/15/2025 |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | ND (0.00072) |
| **TOTAL METALS (SW846 6010D)** | | |
| Barium | mg/kg | 30.1 |
| Lead | mg/kg | 8.1 |
| Mercury | mg/kg | ND (0.031) |
| Zinc | mg/kg | 22.8 |

| Sample ID: | UNITS | RI-SB-16W (15.5-16) |
|---|---|---|
| Date: | | 8/14/2025 |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | ND (0.00067) |
| **TOTAL METALS (SW846 6010D)** | | |
| Barium | mg/kg | ND (22) |
| Lead | mg/kg | 7 |
| Mercury | mg/kg | ND (0.032) |
| Zinc | mg/kg | 88.1 |

| Sample ID: | UNITS | RI-SB-17 (3.5-4) | RI-SB-17 (5.5-6) | RI-SB-17 (12.5-13) | RI-SB-17 (17.5-18) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/15/2025 | 8/15/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0052 | 0.0046 | ND (0.00064) | ND (0.00067) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 290 | 476 | 39.5 | 14.6 |

| Sample ID: | UNITS | RI-SB-16 (0.5-1) | RI-SB-16 (8.5-9) | RI-SB-16 (11.5-12) | RI-SB-16 (15.5-16) |
|---|---|---|---|---|---|
| Date: | | 8/12/2025 | 8/12/2025 | 8/14/2025 | 8/14/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0081 | 0.00092 | ND (0.00067) | ND (0.00063) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Barium | mg/kg | 49.9 | 99.9 | ND (21) | 359 |
| Lead | mg/kg | 34.1 | 215 | 2.1 | 1280 |
| Mercury | mg/kg | 0.043 | 0.25 | ND (0.027) | ND (0.030) |
| Zinc | mg/kg | 325 | 328 | 13.4 | 41.7 |

| Sample ID: | UNITS | RI-SB-16S (15.5-16) |
|---|---|---|
| Date: | | 8/12/2025 |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | ND (0.00069) |
| **TOTAL METALS (SW846 6010D)** | | |
| Barium | mg/kg | ND (21) |
| Lead | mg/kg | 3.1 |
| Mercury | mg/kg | ND (0.029) |
| Zinc | mg/kg | 18.5 |

| Sample ID: | UNITS | RI-SB-18 (2.5-3) | RI-SB-18 (7.5-8) | RI-SB-18 (12.5-13) | RI-SB-18 (17.5-18) |
|---|---|---|---|---|---|
| Date: | | 8/18/2025 | 8/18/2025 | 8/18/2025 | 8/18/2025 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDD | mg/kg | 0.0084 | ND (0.00069) | ND (0.00065) | ND (0.00067) |
| 4,4'-DDE | mg/kg | 0.004 | ND (0.00069) | ND (0.00065) | ND (0.00067) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Lead | mg/kg | 351 | ND (2.1) | ND (1.9) | 2 |
| Mercury | mg/kg | 0.45 | ND (0.031) | ND (0.029) | ND (0.028) |
| Zinc | mg/kg | 182 | 13.6 | 10.4 | 11.3 |

| Sample ID: | UNITS | R1-SB-06 (2.5-3.0) | R1-SB-06 (7.5-8.0) | R1-SB-06 (12.5-13.0) | R1-SB-06 (17.5-18.0) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/8/2025 | 8/8/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOS | ppb | 1.54 | ND (0.176) | ND (0.180) | 0.0956 J |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0073 | ND (0.00064) | ND (0.00066) | ND (0.00067) |

| Sample ID: | UNITS | R1-SB-09 (2.5-3) | R1-SB-09 (7.5-8) | R1-SB-09 (12-12.5) | R1-SB-09 (17-17.5) |
|---|---|---|---|---|---|
| Date: | | 8/13/2025 | 8/13/2025 | 8/13/2025 | 8/13/2025 |
| **PFAS (EPA 1633)** | | | | | |
| PFOA | ppb | 0.855 | 0.183 J | 0.327 | 0.334 |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0075 | 0.0099 | ND (0.00066) | 0.0062 |
| 4,4'-DDT | mg/kg | 0.0023 | 0.0034 | ND (0.00066) | 0.001 |
| Dieldrin | mg/kg | 0.0028 | 0.0069 | ND (0.00066) | 0.001 |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Chromium | mg/kg | 30.4 | 19.2 | 12.4 | 27.1 |
| Lead | mg/kg | 30.8 | 86.2 | 3.6 | 11.2 |
| Zinc | mg/kg | 375 | 396 | 27.7 | 89.3 |

| Sample ID: | UNITS | RI-SB-12W (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 480 |

| Sample ID: | UNITS | RI-SB-12N (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 248 |

| Sample ID: | UNITS | RI-SB-12E (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 246 |

| Sample ID: | UNITS | RI-SB-12S (7.5-8) |
|---|---|---|
| Date: | | 8/14/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 407 |

| Sample ID: | UNITS | RI-SB-15N (7-7.5) |
|---|---|---|
| Date: | | 8/12/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.036) |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | 0.0036 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 204 |

| Sample ID: | UNITS | RI-SB-15E (7-7.5) |
|---|---|---|
| Date: | | 8/12/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.038) |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | 0.0041 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 321 |

| Sample ID: | UNITS | RI-SB-15S (7-7.5) |
|---|---|---|
| Date: | | 8/12/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | 0.0022 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 595 |

| Sample ID: | UNITS | RI-SB-15W (7-7.5) |
|---|---|---|
| Date: | | 8/12/2025 |
| **PCBs (SW846 8082A)** | | |
| Aroclor 1248 | mg/kg | ND (0.037) |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | 0.0063 |
| **TOTAL METALS (SW846 6010D)** | | |
| Zinc | mg/kg | 225 |

| Sample ID: | UNITS | RI-SB-16E (15.5-16) |
|---|---|---|
| Date: | | 8/15/2025 |
| **PESTICIDES (SW846 8081B)** | | |
| 4,4'-DDE | mg/kg | ND (0.00066) |
| **TOTAL METALS (SW846 6010D)** | | |
| Barium | mg/kg | ND (21) |
| Lead | mg/kg | 3.6 |
| Mercury | mg/kg | ND (0.030) |
| Zinc | mg/kg | 15.1 |

| Sample ID: | UNITS | RI-SB-12 (2.5-3.0) | RI-SB-12 (7.5-8.0) | RI-SB-12 (11-11.5) | RI-SB-12 (17.5-18) |
|---|---|---|---|---|---|
| Date: | | 8/8/2025 | 8/8/2025 | 8/14/2025 | 8/14/2025 |
| **PCBs (SW846 8082A)** | | | | | |
| Aroclor 1242 | mg/kg | ND (0.034) | 0.26 | ND (0.032) | ND (0.032) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 452 | 1490 | 26 | 22.7 |

| Sample ID: | UNITS | RI-SB-15 (4.5-5) | RI-SB-15 (7-7.5) | RI-SB-15 (10-10.5) | RI-SB-15 (16-16.5) |
|---|---|---|---|---|---|
| Date: | | 8/12/2025 | 8/12/2025 | 8/15/2025 | 8/15/2025 |
| **PCBs (SW846 8082A)** | | | | | |
| Aroclor 1248 | mg/kg | 0.174 | 0.14 | ND (0.035) | ND (0.035) |
| **PESTICIDES (SW846 8081B)** | | | | | |
| 4,4'-DDE | mg/kg | 0.0029 | 0.0037 | ND (0.0007) | ND (0.00068) |
| **TOTAL METALS (SW846 6010D)** | | | | | |
| Zinc | mg/kg | 289 | 239 | 36.5 | 17.7 |

| ANALYTE | UNITS | NY RRSCO | NY UUSCO | NY POTGWSCO |
|---|---|---|---|---|
| **PFAS (EPA 1633A)** | | | | |
| PFOS | ppb | 44 | 0.88 | 1 |
| Total PFOA | ppb | 33 | 0.66 | 0.8 |
| **TCL VOCs (SW846 8260D)** | | | | |
| No Compounds Exceeding NYSDEC SCOs | | | | |
| **TCL SVOCs (SW846 8270E)** | | | | |
| No Compounds Exceeding NYSDEC SCOs | | | | |
| **PCBs (SW846 8082A)** | | | | |
| Aroclor 1242 | mg/kg | 1 | 0.1 | NS |
| Aroclor 1248 | mg/kg | 1 | 0.1 | NS |
| Aroclor 1254 | mg/kg | 1 | 0.1 | NS |
| **PESTICIDES (SW846 8081B)** | | | | |
| 4,4'-DDE | mg/kg | 8.9 | 0.0033 | NS |
| 4,4'-DDT | mg/kg | 7.9 | 0.0033 | NS |
| Aldrin | mg/kg | 0.097 | 0.005 | NS |
| Dieldrin | mg/kg | 0.2 | 0.005 | NS |
| **TOTAL METALS (SW846 6010D)** | | | | |
| Barium | mg/kg | 400 | 350 | NS |
| Chromium | mg/kg | 180* | 30* | NS |
| Copper | mg/kg | 270 | 50 | NS |
| Lead | mg/kg | 400 | 63 | NS |
| Mercury | mg/kg | 0.81 | 0.18 | NS |
| Zinc | mg/kg | 10000 | 109 | NS |

NOTES:
1. Results are measured in mg/kg, with the exceptoion of PFAS species which are measured
2. Results are compared to NYSDEC UUSCOs, NYSDEC RSCO and NYSDEC RRSCOs.
3. Sample Depth is reported in feet below ground surface.
4. Chromium SCOs are based on trivalent chromium.

= concentration exceeds UUSCO
= concentration exceeds RRSCO
= concentration exceeds PGWSCO

ABBREVIATIONS:
NYSDEC = New York State Department of Environmental Conservation.
UUSCO = NYSDEC Unrestricted Use Soil Cleanup Objectives
RRSCO = NYSDEC Restricted Use Soil Cleanup Objectives
PGWSCO = NYSDEC Protection of Groundwater Soil Cleanup Objectives
PFAS = Per- and Polyfluoroalkyl Substances
PCBs = Polychlorinated Biphenyls
mg/kg = Milligram per kilogram
ppb = Parts per billion
ND = Non-Detect
NS = No Standard

© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

NOTE:
1. THIS PLAN IS FOR LOCATING PROPOSED SOIL BORING LOCATIONS ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION.
2. CONTINGENCY POINTS FOR 12, 13, AND 16N COULD NOT BE SURVEYED. THE POINTS SHOWN REPRESENT APPROXIMATE LOCATIONS.

REFERENCE:
PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY TAKEN FROM NEARMAP, DATED APRIL 1, 2025.

LEGEND:
SOIL BORING NO. AND APPROX. LOCATION (DELINEATION SAMPLE)
RI-SB-12N SOIL BORING NO. AND APPROX. LOCATION
RI-SB-01 SITE LOCATION

SCALE: 1" = 20'
0 10 20 40 60 80 FEET

| no. | description | date | by |
|---|---|---|---|
| | | | |

dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 10/31/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

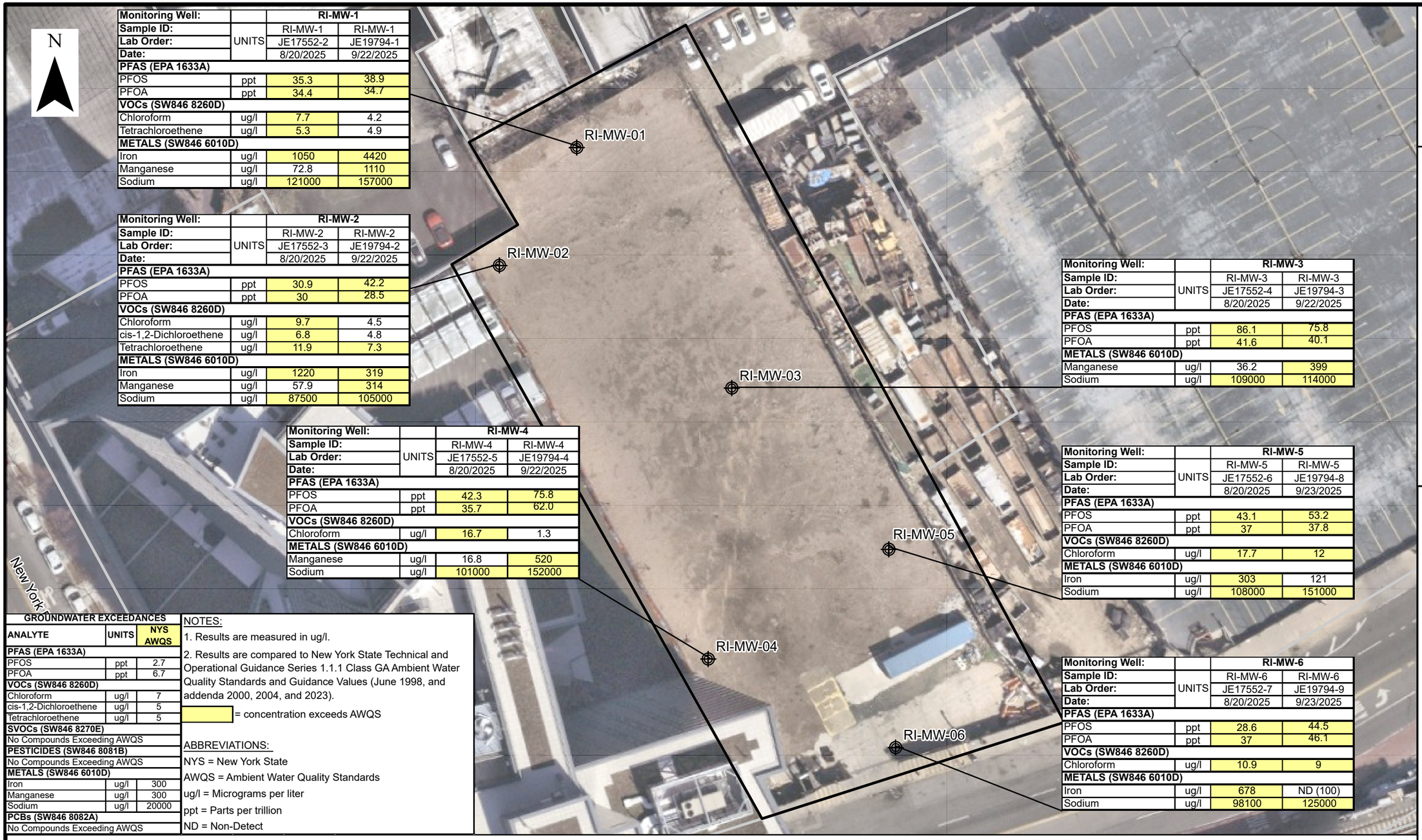
project: REMEDIAL INVESTIGATION WORK PLAN
C241283--ARCHER AVE AUTO REPAIR AND COAL YARD SITE
JAMAICA, NEW YORK

title: SAMPLING LOCATION PLAN AND CONTAMINANT DISTRIBUTION IN SOIL

job no.: 12914
drawing no:

FIG-4.2

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 10/31/2025 5:14 PM, Kim Vanderklein, LAYOUT: FIG-4.2




| Monitoring Well: | | RI-MW-1 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-1 | RI-MW-1 |
| Lab Order: | | JE17552-2 | JE19794-1 |
| Date: | | 8/20/2025 | 9/22/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 35.3 | 38.9 |
| PFOA | ppt | 34.4 | 34.7 |
| **VOCs (SW846 8260D)** | | | |
| Chloroform | ug/l | 7.7 | 4.2 |
| Tetrachloroethene | ug/l | 5.3 | 4.9 |
| **METALS (SW846 6010D)** | | | |
| Iron | ug/l | 1050 | 4420 |
| Manganese | ug/l | 72.8 | 1110 |
| Sodium | ug/l | 121000 | 157000 |

| Monitoring Well: | | RI-MW-2 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-2 | RI-MW-2 |
| Lab Order: | | JE17552-3 | JE19794-2 |
| Date: | | 8/20/2025 | 9/22/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 30.9 | 42.2 |
| PFOA | ppt | 30 | 28.5 |
| **VOCs (SW846 8260D)** | | | |
| Chloroform | ug/l | 9.7 | 4.5 |
| cis-1,2-Dichloroethene | ug/l | 6.8 | 4.8 |
| Tetrachloroethene | ug/l | 11.9 | 7.3 |
| **METALS (SW846 6010D)** | | | |
| Iron | ug/l | 1220 | 319 |
| Manganese | ug/l | 57.9 | 314 |
| Sodium | ug/l | 87500 | 105000 |

| Monitoring Well: | | RI-MW-3 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-3 | RI-MW-3 |
| Lab Order: | | JE17552-4 | JE19794-3 |
| Date: | | 8/20/2025 | 9/22/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 86.1 | 75.8 |
| PFOA | ppt | 41.6 | 40.1 |
| **METALS (SW846 6010D)** | | | |
| Manganese | ug/l | 36.2 | 399 |
| Sodium | ug/l | 109000 | 114000 |

| Monitoring Well: | | RI-MW-4 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-4 | RI-MW-4 |
| Lab Order: | | JE17552-5 | JE19794-4 |
| Date: | | 8/20/2025 | 9/22/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 42.3 | 75.8 |
| PFOA | ppt | 35.7 | 62.0 |
| **VOCs (SW846 8260D)** | | | |
| Chloroform | ug/l | 16.7 | 1.3 |
| **METALS (SW846 6010D)** | | | |
| Manganese | ug/l | 16.8 | 520 |
| Sodium | ug/l | 101000 | 152000 |

| Monitoring Well: | | RI-MW-5 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-5 | RI-MW-5 |
| Lab Order: | | JE17552-6 | JE19794-8 |
| Date: | | 8/20/2025 | 9/23/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 43.1 | 53.2 |
| PFOA | ppt | 37 | 37.8 |
| **VOCs (SW846 8260D)** | | | |
| Chloroform | ug/l | 17.7 | 12 |
| **METALS (SW846 6010D)** | | | |
| Iron | ug/l | 303 | 121 |
| Sodium | ug/l | 108000 | 151000 |

| Monitoring Well: | | RI-MW-6 | |
|---|---|---|---|
| Sample ID: | UNITS | RI-MW-6 | RI-MW-6 |
| Lab Order: | | JE17552-7 | JE19794-9 |
| Date: | | 8/20/2025 | 9/23/2025 |
| **PFAS (EPA 1633A)** | | | |
| PFOS | ppt | 28.6 | 44.5 |
| PFOA | ppt | 37 | 46.1 |
| **VOCs (SW846 8260D)** | | | |
| Chloroform | ug/l | 10.9 | 9 |
| **METALS (SW846 6010D)** | | | |
| Iron | ug/l | 678 | ND (100) |
| Sodium | ug/l | 98100 | 125000 |

| GROUNDWATER EXCEEDANCES | | |
|---|---|---|
| ANALYTE | UNITS | NYS AWQS |
| **PFAS (EPA 1633A)** | | |
| PFOS | ppt | 2.7 |
| PFOA | ppt | 6.7 |
| **VOCs (SW846 8260D)** | | |
| Chloroform | ug/l | 7 |
| cis-1,2-Dichloroethene | ug/l | 5 |
| Tetrachloroethene | ug/l | 5 |
| **SVOCs (SW846 8270E)** | | |
| No Compounds Exceeding AWQS | | |
| **PESTICIDES (SW846 8081B)** | | |
| No Compounds Exceeding AWQS | | |
| **METALS (SW846 6010D)** | | |
| Iron | ug/l | 300 |
| Manganese | ug/l | 300 |
| Sodium | ug/l | 20000 |
| **PCBs (SW846 8082A)** | | |
| No Compounds Exceeding AWQS | | |

NOTES:

1. Results are measured in ug/l.
2. Results are compared to New York State Technical and Operational Guidance Series 1.1.1 Class GA Ambient Water Quality Standards and Guidance Values (June 1998, and addenda 2000, 2004, and 2023).

= concentration exceeds AWQS

ABBREVIATIONS:

NYS = New York State
AWQS = Ambient Water Quality Standards
ug/l = Micrograms per liter
ppt = Parts per trillion
ND = Non-Detect

© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

**NYS Education Law**

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

NOTE:
THIS PLAN IS FOR LOCATING MONITORING WELL LOCATIONS ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION

**REFERENCE:**

PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY TAKEN FROM NEARMAP, DATED APRIL 1, 2025.

LEGEND:

- RI-MW-01 — MONITORING WELL NO AND APPROX LOCATION
- PROPERTY BOUNDARY
- TAX PARCELS

SCALE: 1" = 40'

0 20 40 80 FEET

dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 10/31/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

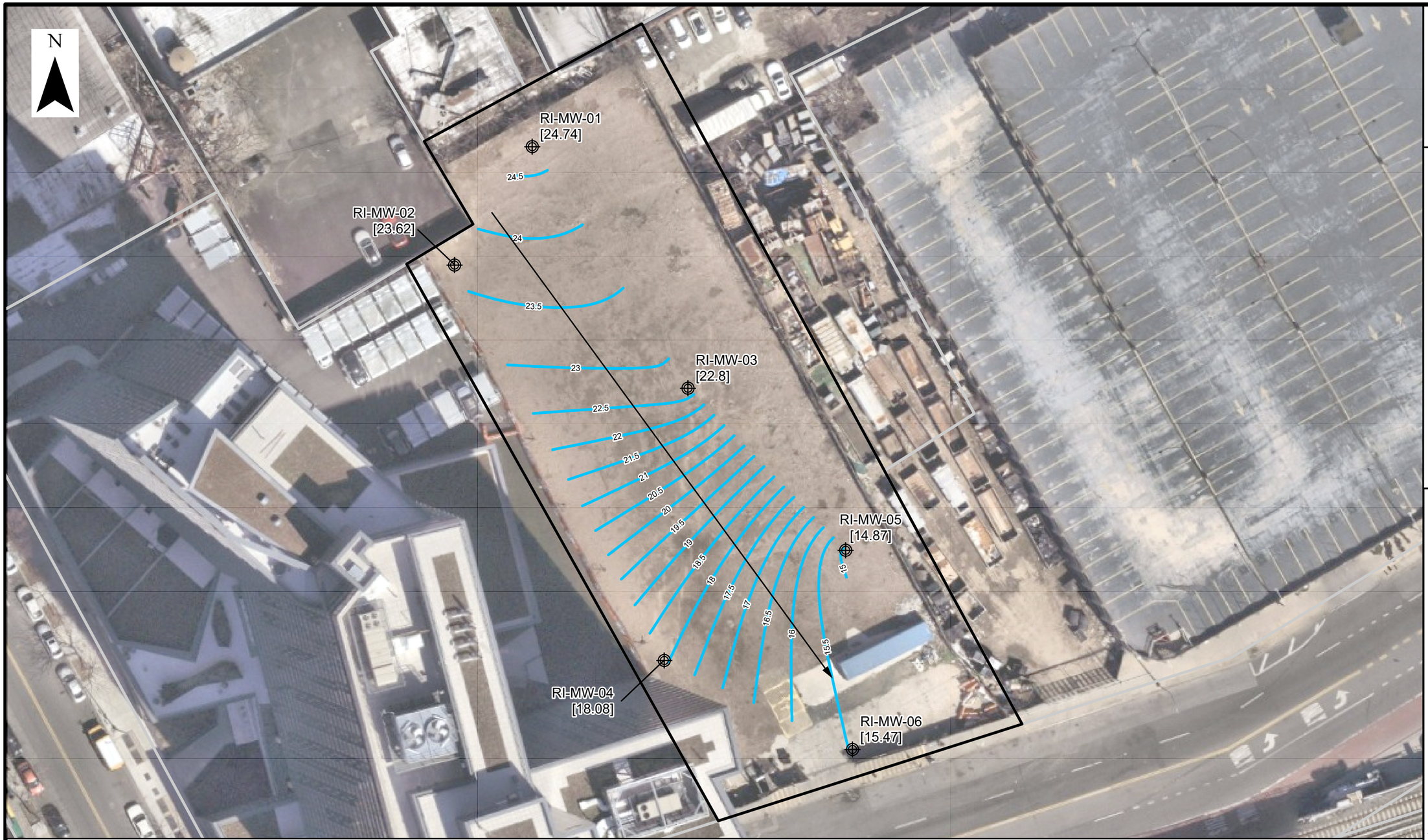
project: REMEDIAL INVESTIGATION WORK PLAN
C241283--ARCHER AVE AUTO REPAIR AND
COAL YARD SITE JAMAICA, NEW YORK

title: **SAMPLING LOCATION PLAN AND CONTAMINANT DISTRIBUTION IN GROUNDWATER**

job no.: 12914
drawing no:

FIG-4.3

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 10/31/2025 2:19 PM, Kim Vanderklein, LAYOUT: FIG-4.3




© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

**NYS Education Law**

Unauthorized alterations or additions to this plan are a violation of section 7209 (2) of the New York State Education Law. Copies of this map not having the seal of the engineer shall not be valid.

NOTE:
1. THIS PLAN IS FOR LOCATING GROUNDWATER CONTOURS ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION.

**REFERENCE:**

PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY TAKEN FROM NEARMAP, DATED APRIL 1, 2025.

LEGEND:

| | |
|---|---|
| RI-MW-01 | MONITORING WELL NO AND APPROX LOCATION |
| | INTERPOLATED GROUNDWATER CONTOUR |
| | PROPERTY BOUNDARY |
| | TAX PARCELS |
| | GROUNDWATER FLOW DIRECTION |
| [24.74] | GROUNDWATER ELEVATION AT MONITORING WELL (FT AMSL) |
| 15 | GROUNDWATER CONTOUR ELEVATION (FT AMSL) |
| AMSL | ABOVE GROUND MEAN SEA LEVEL |

SCALE: 1" = 40'

0 20 40 80 FEET

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 ROUTE 46E, 3RD FLOOR, PARSIPPANY, NJ 07054 PH: 973.808.9050

dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 10/31/2025

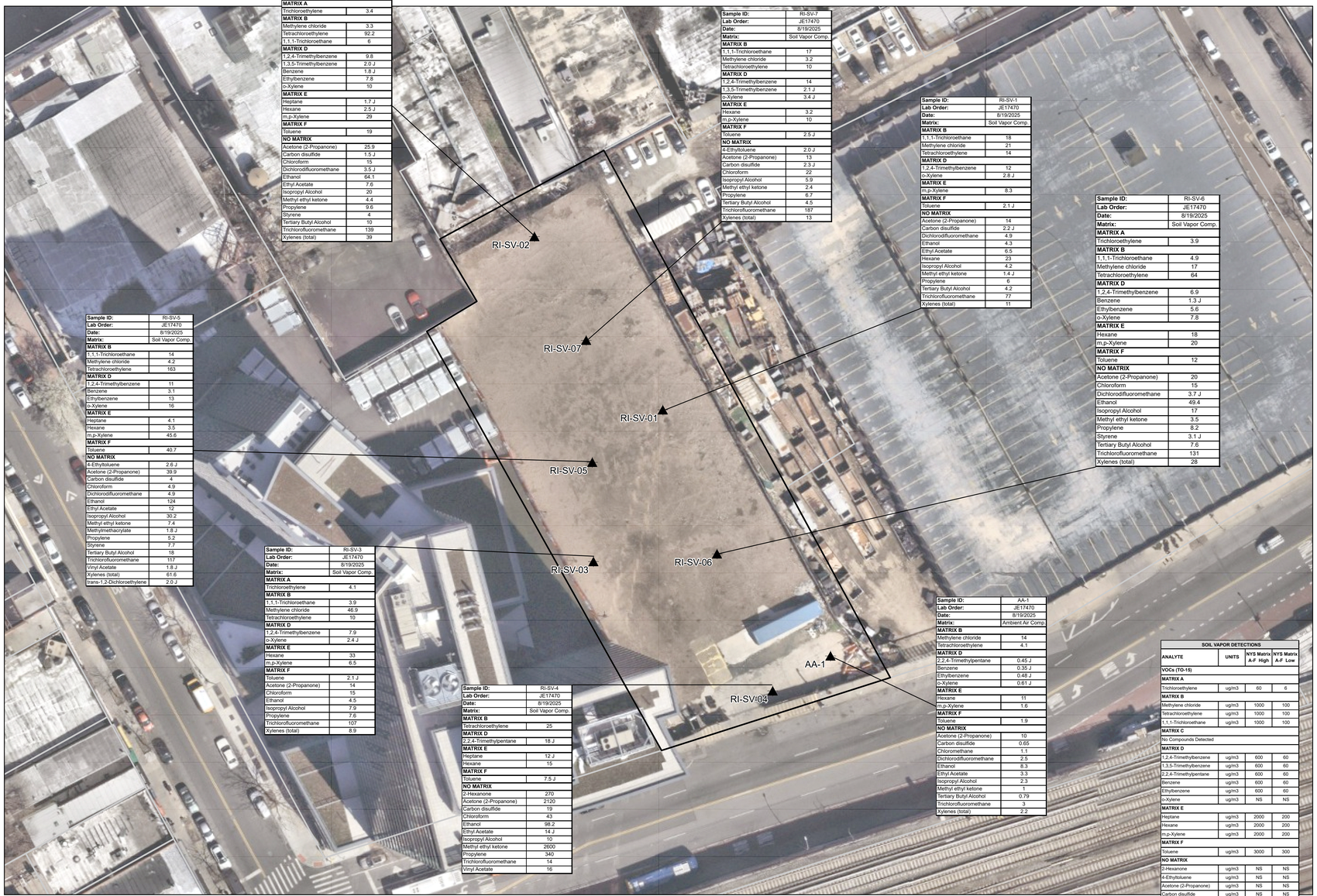
project: C241283--ARCHER AVE AUTO REPAIR AND COAL YARD SITE JAMAICA, NEW YORK

title: **GROUNDWATER CONTOUR PLAN**

job no.: 12914
drawing no: FIG-4.4

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 10/31/2025 2:32 PM, Kim Vanderklein, LAYOUT: FIG-4.4

N




| Sample ID: | RI-SV-2 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX A** | |
| Trichloroethylene | 3.4 |
| **MATRIX B** | |
| Methylene chloride | 3.3 |
| Tetrachloroethylene | 92.2 |
| 1,1,1-Trichloroethane | 6 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 9.8 |
| 1,3,5-Trimethylbenzene | 2.0 J |
| Benzene | 1.8 J |
| Ethylbenzene | 7.8 |
| o-Xylene | 10 |
| **MATRIX E** | |
| Heptane | 1.7 J |
| Hexane | 2.5 J |
| m,p-Xylene | 29 |
| **MATRIX F** | |
| Toluene | 19 |
| **NO MATRIX** | |
| Acetone (2-Propanone) | 25.9 |
| Carbon disulfide | 1.5 J |
| Chloroform | 15 |
| Dichlorodifluoromethane | 3.5 J |
| Ethanol | 64.1 |
| Ethyl Acetate | 7.6 |
| Isopropyl Alcohol | 20 |
| Methyl ethyl ketone | 4.4 |
| Propylene | 9.6 |
| Styrene | 4 |
| Tertiary Butyl Alcohol | 10 |
| Trichlorofluoromethane | 139 |
| Xylenes (total) | 39 |

| Sample ID: | RI-SV-7 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX B** | |
| 1,1,1-Trichloroethane | 17 |
| Methylene chloride | 3.2 |
| Tetrachloroethylene | 10 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 14 |
| 1,3,5-Trimethylbenzene | 2.1 J |
| o-Xylene | 3.4 J |
| **MATRIX E** | |
| Hexane | 3.2 |
| m,p-Xylene | 10 |
| **MATRIX F** | |
| Toluene | 2.5 J |
| **NO MATRIX** | |
| 4-Ethyltoluene | 2.0 J |
| Acetone (2-Propanone) | 13 |
| Carbon disulfide | 2.3 J |
| Chloroform | 22 |
| Isopropyl Alcohol | 5.9 |
| Methyl ethyl ketone | 2.4 |
| Propylene | 6.7 |
| Tertiary Butyl Alcohol | 4.5 |
| Trichlorofluoromethane | 187 |
| Xylenes (total) | 13 |

| Sample ID: | RI-SV-1 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX B** | |
| 1,1,1-Trichloroethane | 18 |
| Methylene chloride | 21 |
| Tetrachloroethylene | 14 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 12 |
| o-Xylene | 2.8 J |
| **MATRIX E** | |
| m,p-Xylene | 8.3 |
| **MATRIX F** | |
| Toluene | 2.1 J |
| **NO MATRIX** | |
| Acetone (2-Propanone) | 14 |
| Carbon disulfide | 2.2 J |
| Dichlorodifluoromethane | 4.9 |
| Ethanol | 4.3 |
| Ethyl Acetate | 6.5 |
| Hexane | 23 |
| Isopropyl Alcohol | 4.2 |
| Methyl ethyl ketone | 1.4 J |
| Propylene | 6 |
| Tertiary Butyl Alcohol | 4.2 |
| Trichlorofluoromethane | 77 |
| Xylenes (total) | 11 |

| Sample ID: | RI-SV-6 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX A** | |
| Trichloroethylene | 3.9 |
| **MATRIX B** | |
| 1,1,1-Trichloroethane | 4.9 |
| Methylene chloride | 17 |
| Tetrachloroethylene | 64 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 6.9 |
| Benzene | 1.3 J |
| Ethylbenzene | 5.6 |
| o-Xylene | 7.8 |
| **MATRIX E** | |
| Hexane | 18 |
| m,p-Xylene | 20 |
| **MATRIX F** | |
| Toluene | 12 |
| **NO MATRIX** | |
| Acetone (2-Propanone) | 20 |
| Chloroform | 15 |
| Dichlorodifluoromethane | 3.7 J |
| Ethanol | 49.4 |
| Isopropyl Alcohol | 17 |
| Methyl ethyl ketone | 3.5 |
| Propylene | 8.2 |
| Styrene | 3.1 J |
| Tertiary Butyl Alcohol | 7.6 |
| Trichlorofluoromethane | 131 |
| Xylenes (total) | 28 |

| Sample ID: | RI-SV-5 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX B** | |
| 1,1,1-Trichloroethane | 14 |
| Methylene chloride | 4.2 |
| Tetrachloroethylene | 163 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 11 |
| Benzene | 3.1 |
| Ethylbenzene | 13 |
| o-Xylene | 16 |
| **MATRIX E** | |
| Heptane | 4.1 |
| Hexane | 3.5 |
| m,p-Xylene | 45.6 |
| **MATRIX F** | |
| Toluene | 40.7 |
| **NO MATRIX** | |
| 4-Ethyltoluene | 2.6 J |
| Acetone (2-Propanone) | 39.9 |
| Carbon disulfide | 4 |
| Chloroform | 4.9 |
| Dichlorodifluoromethane | 4.9 |
| Ethanol | 124 |
| Ethyl Acetate | 12 |
| Isopropyl Alcohol | 30.2 |
| Methyl ethyl ketone | 7.4 |
| Methylmethacrylate | 1.8 J |
| Propylene | 5.2 |
| Styrene | 7.7 |
| Tertiary Butyl Alcohol | 18 |
| Trichlorofluoromethane | 117 |
| Vinyl Acetate | 1.8 J |
| Xylenes (total) | 61.6 |
| trans-1,2-Dichloroethylene | 2.0 J |

| Sample ID: | RI-SV-3 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX A** | |
| Trichloroethylene | 4.1 |
| **MATRIX B** | |
| 1,1,1-Trichloroethane | 3.9 |
| Methylene chloride | 46.9 |
| Tetrachloroethylene | 10 |
| **MATRIX D** | |
| 1,2,4-Trimethylbenzene | 7.9 |
| o-Xylene | 2.4 J |
| **MATRIX E** | |
| Hexane | 33 |
| m,p-Xylene | 8.5 |
| **MATRIX F** | |
| Toluene | 2.1 J |
| Acetone (2-Propanone) | 14 |
| Chloroform | 15 |
| Ethanol | 4.5 |
| Isopropyl Alcohol | 7.9 |
| Propylene | 7.6 |
| Trichlorofluoromethane | 107 |
| Xylenes (total) | 8.9 |

| Sample ID: | RI-SV-4 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Soil Vapor Comp. |
| **MATRIX B** | |
| Tetrachloroethylene | 25 |
| **MATRIX D** | |
| 2,2,4-Trimethylpentane | 18 J |
| **MATRIX E** | |
| Heptane | 12 J |
| Hexane | 15 |
| **MATRIX F** | |
| Toluene | 7.5 J |
| **NO MATRIX** | |
| 2-Hexanone | 270 |
| Acetone (2-Propanone) | 2120 |
| Carbon disulfide | 19 |
| Chloroform | 43 |
| Ethanol | 98.2 |
| Ethyl Acetate | 14 J |
| Isopropyl Alcohol | 10 |
| Methyl ethyl ketone | 2600 |
| Propylene | 340 |
| Trichlorofluoromethane | 14 |
| Vinyl Acetate | 16 |

| Sample ID: | AA-1 |
|---|---|
| Lab Order: | JE17470 |
| Date: | 8/19/2025 |
| Matrix: | Ambient Air Comp. |
| **MATRIX B** | |
| Methylene chloride | 14 |
| Tetrachloroethylene | 4.1 |
| **MATRIX D** | |
| 2,2,4-Trimethylpentane | 0.45 J |
| Benzene | 0.35 J |
| Ethylbenzene | 0.49 J |
| o-Xylene | 0.61 J |
| **MATRIX E** | |
| Hexane | 11 |
| m,p-Xylene | 1.6 |
| **MATRIX F** | |
| Toluene | 1.9 |
| **NO MATRIX** | |
| Acetone (2-Propanone) | 10 |
| Carbon disulfide | 0.65 |
| Chloromethane | 1.1 |
| Dichlorodifluoromethane | 2.5 |
| Ethanol | 8.3 |
| Ethyl Acetate | 3.3 |
| Isopropyl Alcohol | 2.3 |
| Methyl ethyl ketone | 1 |
| Tertiary Butyl Alcohol | 0.79 |
| Trichlorofluoromethane | 3 |
| Xylenes (total) | 2.2 |

**SOIL VAPOR DETECTIONS**

| ANALYTE | UNITS | NYS Matrix A-F High | NYS Matrix A-F Low |
|---|---|---|---|
| **VOCs (TO-15)** | | | |
| **MATRIX A** | | | |
| Trichloroethylene | ug/m3 | 60 | 6 |
| **MATRIX B** | | | |
| Methylene chloride | ug/m3 | 1000 | 100 |
| Tetrachloroethylene | ug/m3 | 1000 | 100 |
| 1,1,1-Trichloroethane | ug/m3 | 1000 | 100 |
| **MATRIX C** | | | |
| No Compounds Detected | | | |
| **MATRIX D** | | | |
| 1,2,4-Trimethylbenzene | ug/m3 | 600 | 60 |
| 1,3,5-Trimethylbenzene | ug/m3 | 600 | 60 |
| 2,2,4-Trimethylpentane | ug/m3 | 600 | 60 |
| Benzene | ug/m3 | 600 | 60 |
| Ethylbenzene | ug/m3 | 600 | 60 |
| o-Xylene | ug/m3 | NS | NS |
| **MATRIX E** | | | |
| Heptane | ug/m3 | 2000 | 200 |
| Hexane | ug/m3 | 2000 | 200 |
| m,p-Xylene | ug/m3 | 2000 | 200 |
| **MATRIX F** | | | |
| Toluene | ug/m3 | 3000 | 300 |
| **NO MATRIX** | | | |
| 2-Hexanone | ug/m3 | NS | NS |
| 4-Ethyltoluene | ug/m3 | NS | NS |
| Acetone (2-Propanone) | ug/m3 | NS | NS |
| Carbon disulfide | ug/m3 | NS | NS |
| Chloroform | ug/m3 | NS | NS |
| Dichlorodifluoromethane | ug/m3 | NS | NS |
| Ethanol | ug/m3 | NS | NS |
| Ethyl Acetate | ug/m3 | NS | NS |
| Isopropyl Alcohol | ug/m3 | NS | NS |
| Methyl ethyl ketone | ug/m3 | NS | NS |
| Methylmethacrylate | ug/m3 | NS | NS |
| Propylene | ug/m3 | NS | NS |
| Styrene | ug/m3 | NS | NS |
| Tertiary Butyl Alcohol | ug/m3 | NS | NS |
| Trichlorofluoromethane | ug/m3 | NS | NS |
| Vinyl Acetate | ug/m3 | NS | NS |
| Xylenes (total) | ug/m3 | NS | NS |
| trans-1,2-Dichloroethylene | ug/m3 | NS | NS |

**AMBIENT AIR DETECTIONS**

| ANALYTE | UNITS | NYS Matrix A-F High | NYS Matrix A-F Low |
|---|---|---|---|
| **VOCs (TO-15)** | | | |
| **MATRIX A** | | | |
| No Compounds Detected | | | |
| **MATRIX B** | | | |
| Methylene chloride | ug/m3 | 10 | 3 |
| Tetrachloroethylene | ug/m3 | 10 | 3 |
| **MATRIX C** | | | |
| No Compounds Detected | | | |
| **MATRIX D** | | | |
| 2,2,4-Trimethylpentane | ug/m3 | 10 | 2 |
| Benzene | ug/m3 | 10 | 2 |
| Ethylbenzene | ug/m3 | 10 | 2 |
| o-Xylene | ug/m3 | NS | NS |
| **MATRIX E** | | | |
| Hexane | ug/m3 | 20 | 6 |
| m,p-Xylene | ug/m3 | 20 | 6 |
| **MATRIX F** | | | |
| Toluene | ug/m3 | 50 | 10 |
| **NO MATRIX** | | | |
| Acetone (2-Propanone) | ug/m3 | NS | NS |
| Carbon disulfide | ug/m3 | NS | NS |
| Chloromethane | ug/m3 | NS | NS |
| Dichlorodifluoromethane | ug/m3 | NS | NS |
| Ethanol | ug/m3 | NS | NS |
| Ethyl Acetate | ug/m3 | NS | NS |
| Isopropyl Alcohol | ug/m3 | NS | NS |
| Methyl ethyl ketone | ug/m3 | NS | NS |
| Tertiary Butyl Alcohol | ug/m3 | NS | NS |
| Trichlorofluoromethane | ug/m3 | NS | NS |
| Xylenes (total) | ug/m3 | NS | NS |

NOTE:
THIS PLAN IS FOR LOCATING SOIL VAPOR LOCATIONS ONLY. OTHER SITE WORK SHOWN HERE NOT INTENDED FOR CONSTRUCTION

LEGEND:
RI-SV-01 ▲ SOIL VAPOR NO. AND APPROX. LOCATION
SITE LOCATION
NY TAX PARCELS

**REFERENCE:**
PARCELS: NYS OFFICE OF INFORMATION TECHNOLOGY SERVICES - GIS PROGRAM OFFICE, NYS DEPT OF TAXATION AND FINANCE'S OFFICE OF REAL PROPERTY TAX SERVICES; AERIAL IMAGERY TAKEN FROM NEARMAP, DATED APRIL 1, 2025.

SCALE: 1" = 30'
0 15 30 60 90 120 FEET

© SESI CONSULTING ENGINEERS ---- 2025
This Drawing and all information contained here on is proprietary information of SESI CONSULTING ENGINEERS and may not be copied or reproduced, either in whole or in part, by method, without written permission of SESI CONSULTING ENGINEERS.

Y:\GIS\Project_Numbers\12914\FINAL_MAPS, 10/31/2025 2:31 PM, Kim Vanderklein, LAYOUT: FIG-4.5

| rev | date | description | by |
|---|---|---|---|
| | | | |

dwg by: KBV
chk by: MKC
scale: AS NOTED
date: 10/31/2025

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL
959 route 46e, 3rd floor, parsippany, nj 07054 ph: 973.808.9050

project: REMEDIAL INVESTIGATION WORK PLAN
C241283--ARCHER AVE AUTO REPAIR AND COAL YARD SITE
JAMAICA, NEW YORK

title: SOIL GAS SAMPLING PLAN AND RESULTS

job no.: 12914
drawing no:

FIG-4.5

# Appendix A:

## Previous Environmental Reports

All previous documents can be found at the following link:
https://extapps.dec.ny.gov/data/DecDocs/C241283/

# Appendix B:

## Quality Assurance Project Plan

SESI
CONSULTING ENGINEERS

Geotechnical
Environmental
Site Civil

959 Route 46E, Fl 3, Ste 300
Parsippany, NJ 07054
973.808.9050
www.sesi.org

# QUALITY ASSURANCE PROJECT PLAN

**For**

**C241283—Archer Avenue Auto Repair and Coal Yard Site**
**163-25 Archer Avenue**
**Jamaica, Queens, NY**

Prepared for:
**BRP Companies**

**November 2025**

**SESI Project No:**
12914

## Table of Contents

**LIST OF ACRONYMS** ..... **i**
**1.0 PROJECT DESCRIPTION** ..... **1**
**2.0 PROJECT ORGANIZATION** ..... **1**
2.1 PROJECT PRINCIPAL ..... 1
2.2 PRINCIPAL ENGINEER ..... 2
2.3 PROJECT MANAGER ..... 2
2.4 FIELD TEAM LEADER ..... 2
2.5 QUALITY ASSURANCE OFFICER ..... 2
**3.0 QA/QC OBJECTIVES FOR MEASUREMENT OF DATA** ..... **2**
3.1 COMPLETENESS ..... 2
3.2 REPRESENTATIVENESS ..... 3
3.3 COMPARABILITY ..... 3
3.4 PRECISION AND ACCURACY ..... 3
**4.0 SAMPLING PROCEDURES** ..... **4**
4.1 SAMPLING PROGRAM ..... 4
4.1.1 DRILLING/SAMPLING PROCEDURES ..... 4
4.1.2 MONITORING WELL COMPLETION ..... 5
4.1.3 WELL DEVELOPMENT ..... 5
4.1.4 DECONTAMINATION ..... 6
4.1.5 PFAS SAMPLING CONSIDERATIONS ..... 6
4.2 GROUNDWATER SAMPLING PROGRAM ..... 7
4.2.1 WELL EVACUATION ..... 7
4.2.2 SAMPLING PROCEDURE ..... 7
4.3 SOIL VAPOR SAMPLING ..... 7
4.4 SAMPLE PRESERVATION AND SHIPMENT ..... 8
**5.0 SAMPLE CUSTODY** ..... **8**
5.1 FIELD SAMPLE CUSTODY ..... 8
5.2 LABORATORY SAMPLE CUSTODY ..... 9
5.3 FINAL EVIDENCE FILES ..... 9
**6.0 CALIBRATION PROCEDURES** ..... **10**
**7.0 ANALYTICAL PROCEDURES** ..... **10**
7.1 VOLATILE ORGANICS ..... 10
7.2 SEMI-VOLATILE ORGANIC COMPUNDS ..... 10
7.3 PESTICDE AND PCB COMPOUNDS ..... 11

7.4 METALS ..... 11
7.5 PER- AND POLYFLUOROALKYL SUBSTANCES ..... 11
7.6 SITE SPECIFICITY OF ANALYSES ..... 13

**TABLES**

TABLE 2.1 SESI PERSONNEL AND SUBCONTRACTORS

TABLE 4.1 SAMPLING PROCEDURE FOR MONITORING WELLS USING LOW-STESS (LOW-FLOW) METHODS

TABLE 4.2 SAMPLE CONTAINERIZATION

TABLE 4.3 SAMPLING OVERVIEW

TABLE 7.1 CONTRACT-REQUIRED QUANTITATION LEVELS AND ANALYTICAL METHODS FOR ASP INORGANICS, ASP VOLATILES, ASP SEMI-VOLATILES, ASP PESTICIDES, AND PCBs

TABLE 7.2 QUANTITATION LEVELS AND ANALYTICAL METHODS FOR PFAS

## LIST OF ACRONYMS

| Acronym | Definition |
|---|---|
| AAS | Absorption Spectroscopy |
| ASP | Analytical Service Protocol |
| BCP | Brownfield Cleanup Program |
| DUSR | Data Usability Summary Report |
| ELAP | Environmental Laboratory Accreditation Program |
| GC/MS | Gas Chromatography/Mass Spectrometry |
| HAS | Hollow-stem Auger |
| HDPE | High-Density Polyethylene |
| LDPE | Low-density Polyethylene |
| LFPS | Low Flow Purging Sampling |
| MDL | Method Detection Limit |
| NYSDEC | New York State Department of Environmental Conservation |
| NYSDOH | New York State Department of Health |
| PCB | Polychlorinated Biphenyls |
| PFAS | Per- and polyfluoroalkyl substances |
| PFOA | Perfluorooctanoic Acid |
| PFOS | Perfluorooctanesulfonic Acid |
| PPE | Personal Protective Equipment |
| PTFE | Polytetrafluoroethylene |
| QAPP | Quality Assurance Project Plan |
| QA/QC | Quality Assurance/Quality Control |
| RIWP | Remedial Investigation Work Plan |
| SESI | SESI Consulting Engineers, Inc. |
| TIC | Tentatively Identified Compound |
| TCL | Target Compound List |
| VOC | Volatile Organic Compound |
| USEPA | United States Environmental Protection Agency |

## 1.0 PROJECT DESCRIPTION

This document presents the Quality Assurance Project Plan (QAPP) for the Remedial Investigation Report (RIR) for the proposed development at C241283 Archer Ave Auto Repair and Coal Yard Site (BCP No. C241283) located at 163-25 Archer Avenue in Jamaica, Queens, New York (the "Site"). The Site consists of approximately 0.853 acres. The Site is identified on the tax map as tax parcel Block 10151, Lot 65. The Site contains two (2) temporary office trailers and some storage containers with the surrounding unpaved areas.

The Subject Property is bound to the west by Guy R. Brewer Boulevard, to the north by mixed-use commercial properties followed by Jamaica Avenue, to the east by a vacant lot followed by a three-story parking structure, and to the south by Archer Avenue followed by elevated Long Island Rail Road (LIRR) rail lines. The nearest surface water body is Baisley Pond located approximately 1.8 miles to the southeast of the Site. The topographic gradient at Site is generally flat. The Site is relatively level with regional topography gently sloping to the south.

SESI Consulting Engineers (SESI) prepared the RIR for the Archer Ave Auto Repair and Coal Storage Stie dated October 2025, which describes the investigation activities conducted at the Site, as part of the Site's planned remedial investigation and remediation.

## 2.0 PROJECT ORGANIZATION

The RIWP activities will be conducted by SESI and their qualified subcontractors, on behalf of BRP Companies. The organization of SESI's key project management and field staff, and respective areas of responsibility, is presented below **(Table 2.1)** along with the names of subcontractors.

**Table 2.1—SESI Personnel and Subcontractors**

| Role | Name | Telephone No. |
|---|---|---|
| Project Principal | Fuad Dahan, P.E., PhD | 973-808-9050 x249 |
| Project Manager | MaryKate Chorazak. | 973-808-9050 |
| Principal Engineer | Fuad Dahan, P.E., PhD | 973-808-9050 x249 |
| Field Team Leader | TBD | 973-808-9050 |
| Quality Assurance Officer | Joe Scardino | 973-808-9050 x267 |
| Field Personnel | TBD | 973-808-9050 |
| Analytical Laboratory | TBD | |
| Data Validator | TBD | |
| Driller | TBD | |

### 2.1 PROJECT PRINCIPAL

Provides technical and administrative oversight and guidance throughout the project, assist in securing company resources, participate in technical review of deliverables, and attend key meetings as needed.

### 2.2 PRINCIPAL ENGINEER

Provides technical guidance and review of reports, analytical data. Will have key involvement in screening and development of remedial alternatives.

### 2.3 PROJECT MANAGER

Responsible for maintaining the day-to-day schedule for completing the fieldwork and deliverables according to Brownfield Cleanup Program (BCP) requirements and client expectations.

### 2.4 FIELD TEAM LEADER

Responsible for overseeing field work during the implementation of the RIWP, including observing subcontractors, maintaining field notes, and collecting samples of various environmental media.

### 2.5 QUALITY ASSURANCE OFFICER

Responsible for reviewing sampling procedures and certify that the data was collected and analyzed using the appropriate procedures.

## 3.0 QA/QC OBJECTIVES FOR MEASUREMENT OF DATA

In cases where NYSDOH ELAP Certification exists for a specific group or category of parameters, the laboratory performing analysis in connection with this project will have appropriate New York State Department of Health (NYSDOH) ELAP Certification. Analytical Service Protocol (ASP, June 2000) Category B deliverables are required for all samples. All data will be sent to a third party, Hanibal Tayeh a data validator, for validation in accordance with NYSDEC BCP requirements.

Detection limits set by New York State Department of Environmental Conservation (NYSDEC) ASP will be used for all sample analyses unless otherwise noted. If NYSDEC-ASP-dictated detection limits prove insufficient to assess project goals (i.e., comparison to drinking water standards or attainment of Applicable or Relevant and Appropriate Requirements [ARARs]), then ASP Special Analytical Services (SAS) or other appropriate methods will be utilized.

The quality assurance/quality control (QA/QC) objectives for all measurement data include completeness, representativeness, comparability, precision, and accuracy.

### 3.1 COMPLETENESS

The analyses performed must be appropriate and inclusive. The parameters selected for analysis are chosen to meet the objectives of the study.

Completeness of the analyses will be assessed by comparing the number of parameters intended to be analyzed with the number of parameters successfully determined and validated. Data must meet QC acceptance criteria for 100 percent or more of requested determinations.

### 3.2 REPRESENTATIVENESS

Samples must be taken of the population and, where appropriate, the population will be characterized statistically to express the degree to which the data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process, or environmental condition.

Non-dedicated sampling devices will be cleaned between sampling points by washing and rinsing with pesticide-grade methanol, followed by a thorough rinse with distilled water. Specific cleaning techniques are described in the Field Sampling Procedure. Two types of blank samples will accompany each sample set where Target Compound List (TCL) volatiles are to be analyzed (water matrix only). A trip blank, consisting of a 40 ml VOA vial of organic-free water prepared by the laboratory, will accompany each set of sample bottles from the laboratory to the field and back. This bottle will remain sealed throughout the shipment and sampling process. This blank will be analyzed for TCL volatile organic compounds (VOCs) along with the groundwater samples to ensure that contamination with TCL volatile compounds has not occurred during the bottle preparation, shipment and sampling phase of the project. In order to check for contaminant carryover when non-dedicated sampling equipment is used, a rinsate blank will be submitted to the laboratory. This blank will also be analyzed for TCL volatile organic compounds. The TCL compounds are identified in the United States Environmental Protection Agency (USEPA) Contract Laboratory Program dated 10/2016 or as periodically updated.

The analysis results obtained from the determination of identical parameters in field duplicate samples can be used to further assess the representativeness of the sample data.

### 3.3 COMPARABILITY

Consistency in the acquisition, preparation, handling and analysis of samples is necessary in order for the results to be compared where appropriate. Additionally, the results obtained from analyses of the samples will be compared with the results obtained in previous studies, if available.

To ensure the comparability of analytical results with those obtained in previous or future testing, all samples will be analyzed by NYSDEC-approved methods. The NYSDEC-ASP mandated holding times for various analyses will be strictly adhered to.

### 3.4 PRECISION AND ACCURACY

The validity of the data produced will be assessed for precision and accuracy. Analytical methods which will be used include gas chromatography/mass spectrometry (GC/MS), gas chromatography, colorimetry, atomic spectroscopy, gravimetric and titrametric techniques. The following outlines the procedures for evaluating precision and accuracy, routine monitoring procedures, and corrective actions to maintain analytical quality control. All data evaluations will be consistent with NYSDEC-ASP procedures. Data will be 100 percent compliant with NYSDEC-ASP requirements. Matrix spike and matrix spike duplicates will be collected to confirm accuracy and precision at a rate of one (1) per 20 soil and/or groundwater samples taken.

The number of duplicate, spiked and blank samples analyzed will be a minimum of one (1) duplicate for every 20 samples per each medium of groundwater and soil. The inclusion and frequency of analysis of field blanks will be on the order of one (1) per every 20 samples (soil). For the aqueous matrix field blanks will be collected at a frequency of one (1) per day. Samples to be analyzed for volatile organic compounds will be accompanied by a trip blank for each

shipment and field blanks (water matrix) or field blanks (soil). An equipment blank for per- and polyfluoroalkyl substances (PFAS) will be collected once per day per matrix, regardless of whether equipment being used is disposable, at a frequency of one (1) per 20 samples taken for both soil and groundwater.

Quality assurance audit samples will be prepared and submitted by the laboratory QA manager for each analytical procedure used. The degree of accuracy and the recovery of analyte to be expected for the analysis of QA samples and spiked samples is dependent upon the matrix, method of analysis, and compound or element being determined. The concentration of the analyte relative to the detection limit is also a major factor in determining the accuracy of the measurement. The lower end of the analytical range for most analyses is generally accepted to be five (5) times the detection limit. At or above this level, the determination and spike recoveries for metals in water samples will be expected to range from 75 to 125 percent. The recovery of organic surrogate compounds and matrix spiking compounds determined by GC/MS will be compared to the guidelines for recovery of individual compounds as established by the United States Environmental Protection Agency Contract Laboratory Program dated 7/85 or as periodically updated.

The quality of results obtained for inorganic ion and demand parameters will be assessed by comparison of QC data with laboratory control charts for each test.

## 4.0 SAMPLING PROCEDURES

### 4.1 SAMPLING PROGRAM

The sampling program for this project will include soil, groundwater and soil vapor. Soil samples will be collected from split spoon sampling or macrocore devices retrieved from soil borings. Groundwater samples will be collected from groundwater monitoring wells using low flow purging techniques. A description of this method is shown on **Table 4.1**. Soil vapor samples will be collected from vapor points screened in the vadose zone using Summa Canisters. A summary of the sample containers, bottle types, preservatives and holding times is shown on **Table 4.2.**

#### 4.1.1 DRILLING/SAMPLING PROCEDURES

Soil and groundwater samples will be collected by means of a soil boring program. Soil borings shall be completed using the hollow stem auger drilling methods, direct push methods, or rotary drilling methods, whichever methods are determined to be best suited to site conditions by the SESI project manager and SESI field team leader.

Soil samples will be collected from soil borings and analyzed in accordance with the NYSDEC-approved Work Plan. Monitoring wells for groundwater sample collection will be installed in select completed soil borings. Either hollow stem auger (HSA) or direct push drilling methods may be utilized for monitoring well completion.

Soil samples shall be collected continuously during drilling so that a complete soil profile is examined and described by the SESI field geologist. The sampling method employed shall be ASTM D-1586/Split Barrel Sampling using a standard 2-foot long, 2-inch outside diameter split-spoon sampler with a 140-pound hammer, in cases where HSA methods are used. Upon retrieval of the sampling barrel, the collected sample shall be placed in glass jars and labeled, stored on

site (on ice in a cooler if necessary), and transmitted to the appropriate testing laboratory or storage facility. Chain-of-custody procedures will be practiced following Section 15, EPA-600/4-82-029, Handbook for Sampling and Sample Preservation of Water and Waste Waters.

A geologist or engineer will be on Site during the drilling operations to fully describe each soil sample, following the New York State Soil Description Procedure, and to retain representative portions of each sample.

The drilling contractor will be responsible for obtaining accurate and representative samples, informing the geologist of changes in drilling pressure, keeping a separate general log of soils encountered including blow counts [i.e., the number of blows from a soil sampling drive weight (140 pounds)] required to drive the split-spoon sampler in 6-inch increments and installing monitoring wells to levels directed by the supervising geologist following specifications further outlined in this protocol.

### 4.1.2 MONITORING WELL COMPLETION

Monitoring wells will be constructed of 0.010-inch slot size PVC well screen and riser casing. Other materials utilized for completion will be washed silica sand (Q-Rock No. 4 or approved equivalent) bentonite grout, Portland cement, and a protective steel locking well casing and cap with locks. The depth of the wells will be determined based on the depth to water, type of contaminant and field conditions encountered.

The monitoring well installation method for wells installed within unconsolidated sediments shall be to place the screen and riser assembly into the casing once the screen interval has been selected. At that time, a washed silica sand pack will be placed around the well screen if required to prevent screen plugging. If a sand pack is not warranted, the auger string will be pulled back to allow the native aquifer material to collapse 2 to 3 feet above the top of the screen. Bentonite pellets will then be added to the annulus between the casing and the inside auger to insure proper sealing. Cement/bentonite grout will continue to be added during the extraction of the augers until the entire aquifer thickness has been sufficiently sealed off from horizontal and/or vertical flow above the screened interval. During placement of sand and bentonite pellets, frequent measurements will be made to check the height of the sand pack and thickness of bentonite layers by a weighted drop tape measure.

A bolt-down protective curb box will be installed, flush with the ground, or steel “stick-up” protective casing and secured by a Portland cement seal. The cement seal shall extend laterally at least 1 foot in all directions from the protective casing and shall slope gently away to drain water away from the well.

### 4.1.3 WELL DEVELOPMENT

All monitoring wells will be developed or cleared of all fine-grained materials and sediments that have settled in or around the well during installation so that the screen is transmitting representative portions of the groundwater. The development will be by one (1) of two (2) methods, pumping or bailing groundwater from the well until it yields relatively sediment-free water.

A decontaminated pump or bailer will be used and subsequently decontaminated after each use following procedures outlined in the Decontamination Protocol. Pumping or bailing will cease when the turbidity falls below 50 NTUs or until specific conductivity, pH, and temperature are

stable (i.e., consecutive readings are within 10 percent with no overall upward or downward trends in measurements). Well development water will be disposed of on the ground surface at each well location.

### 4.1.4 DECONTAMINATION

All drilling equipment and associated tools including augers, drill rods, sampling equipment, wrenches and any other equipment or tools that have come in contact with contaminated materials will be decontaminated before any drilling on Site begins, between each well, and prior to removing any equipment from the Site. The preferred decontamination procedure will be to scrape the equipment from any residual soils and then rinse with water and Alconox®. Every effort will be made to minimize the generation of contaminated water. Any contaminated water generated will be drummed. The contaminated water drums will be disposed of at an appropriate facility after approval and sampling in accordance with the specific facility requirements.

### 4.1.5 PFAS SAMPLING CONSIDERATIONS

This section contains the materials limitations for Per- and polyfluoroalkyl substances sampling in accordance with the Draft NYSDEC Sampling, Analysis, and Assessment of Per- and Polyfluoralkyl Substances (April 2023).

The groundwater samples will be analyzed for PFAS using Modified USEPA Method 1633. Reporting limits for PFOA and PFOS will not exceed 2 nanograms per liter (ng/L). Category B deliverables and an electronic data deliverable will be completed.

PFAS are very persistent in the environment and in the human body. Due to their presence in a variety of products, persistence in the environment and very low drinking water standards, care must be used when groundwater sampling for PFAS to avoid cross contamination from the sampling equipment and personal protective equipment (PPE).

No fabric softener will be used on clothing to be worn in field. Cosmetics, moisturizers, hand cream, unauthorized sunscreen, insect repellent or other related products will not be used the morning of sampling. The field samplers will wear powder-free nitrile gloves while filling and sealing the sample bottles. The sampling equipment components and sample containers will not come in contact with material that may potentially contain PFAS such as aluminum foil, low density polyethylene (LDPE), glass or polytetrafluoroethylene (PTFE, Teflon™) materials including sample bottle cap liners with a PTFE layer. Clothing that contains PTFE material (including GORE-TEX®) or that have been waterproofed with PFAS materials will be avoided. Food and drink packaging materials will be avoided, as well.

Sampling will be performed using certified PFAS-free sampling materials such as stainless steel, high density polyethylene (HDPE), PVC, silicone, acetate or polypropylene pump and tubing. Rinse water must be laboratory-provided certified PFAS-free distilled or de-ionized water. Standard two step decontamination using Alconox® detergent and clean certified PFAS-free water rinse will be performed for equipment that does come in contact with PFAS materials.

No waterproof field books, plastic clipboards, binders, or spiral hard cover will be used for PFAS containers. No adhesives (i.e. Post-It® Notes), sharpies, or permanent markers will be used for PFAS containers. The PFAS containers will be labeled with ballpoint pens. PFAS samples will be stored in separate cooler filled with regular ice only with no chemical (blue) ice packs.

Pre-cleaned sample bottles with closures, coolers, sample labels and a chain of custody form will be provided by the laboratory.

## 4.2 GROUNDWATER SAMPLING PROGRAM

### 4.2.1 WELL EVACUATION

Prior to sampling a monitoring well, the static water level will be recorded. All well data will be recorded on a field sampling record. The wells will be sampled in accordance with the USEPA guidelines for the Low Flow Purging Sampling (LFPS). The purpose of LFPS is to collect groundwater samples from monitoring wells that are representative of ambient groundwater conditions in the aquifer. The LFPS method reduces turbidity which is needed particularly when sampling for metals.

### 4.2.2 SAMPLING PROCEDURE

The wells will be sampled using the USEPA LFPS technique. A flow rate of 100 ml to 250 ml per minute is used to purge the wells. Drawdown should not exceed 0.3 feet. The pump intake is lowered to the mid-point of the water column or as subsurface features such as bedrock fractures or more permeable zones warrant. At the initiation of low flow purging a water level is recorded as well as field parameters. Field parameters are then monitored every five (5) minutes during low flow purging using a flow through cell. When three (3) consecutive measurements of pH differ by 0.1 units or less, with ORP within 10 mv or less, turbidity varies 10 percent or less, conductivity differs by 3 percent or less and dissolved oxygen by 10 percent or less, sampling may begin. Flow through cells are used so continuous real time readings are made. When the parameters stabilize the flow through cell is disconnected and sample bottles are filled directly from the tubing. Low-flow sampling procedures are summarized on **Table 4.1.**

## 4.3 SOIL VAPOR SAMPLING

Soil vapor sampling will be conducted in accordance with the Guidance for Evaluating Soil Vapor Intrusion in The State of New York (2006) with updates (SVI Guidance) and “NYSDOH Soil Vapor/Indoor Air Matrices. Soil vapor samples will be collected in the vadose zone from shallow (five [5] feet) vapor points. Each vapor point will be installed in a shallow boring drilled either by hand-operated equipment (e.g. hand auger or percussion hammer drill), or by a small truck-mounted drill rig. Drilling equipment used shall be based on soil conditions, and the method that provides the most practical approach.

Each vapor point will consist of an inert sampling tube (polyethylene, stainless steel, or Teflon®) with a six (6)-inch screened section at the bottom through which soil vapors can be sampled. The screen slot size will be 0.0075 inches. A sampling zone will be created around the screened section by backfilling with one (1) to two (2) feet of porous coarse sand or glass beads, and at least three (3) feet of bentonite will be placed above the porous sampling zone to form a seal from the surface. Native clean soil will be packed around the remaining annulus to the ground surface.

The regulator will be set to collect a soil vapor sample at a flow rate of less than 0.2 liters per minute. After the summa canister is filled, the valve will be closed.

Each canister will be listed according to a specific sample I.D. on a chain of custody form. Sample canisters will be delivered to the laboratory within 24 hours and analyzed for VOCs by method TO-15. The detection limit for VOCs will be 1 µg/$m^3$ or less

The soil vapor sampling effort will include the use of inert helium tracer gas to verify that the soil vapor samples are not diluted by ambient air. The atmosphere around the sampling tube will be enriched with the tracer gas, and the soil vapor sample will be collected in the presence of the enriched tracer atmosphere. This will be accomplished by placing an inverted plastic pail over the sampling point and filling the pail with the tracer gas via a small tube penetrating the site of the pail. Refer to NYSDOH Guidance for Evaluating Indoor Air Intrusion in New York State (October 2006).

### 4.4 SAMPLE PRESERVATION AND SHIPMENT

Since all bottles will contain the necessary preservatives as shown in **Table 4.2**, they need only be filled. The 40 ml VOA vials must be filled brim full with no air bubbles. The other bottles should be filled to within about one (1) inch from the top.

The bottles will be sent from the laboratory in coolers which will be organized on a per site basis. Following sample collection, the bottles should be placed on ice in the shipping cooler. The samples will be cooled to 4°C, but not frozen.

Final packing and shipment of coolers will be performed in accordance with guidelines outlined in the ASP.

## 5.0 SAMPLE CUSTODY

The program for sample custody and sample transfer is in compliance with the NYSDEC-ASP, as periodically updated. If samples may be needed for legal purposes, chain-of-custody procedures, as defined by NEIC Policies and Procedures (USEPA-330/9-78-001-R, Revised June 1988) will be used. Sample chain-of-custody is initiated by the laboratory with selection and preparation of the sample containers. To reduce the chance for error, the number of personnel handling the samples should be minimized.

### 5.1 FIELD SAMPLE CUSTODY

A chain-of-custody record accompanies the samples from initial sample container selection and preparation at the laboratory, shipment to the field for sample containment and preservation, and return to the laboratory. Two (2) copies of this record follow the samples to the laboratory. The laboratory maintains one (1) file copy and the completed original is returned to the site inspection team. Individual sample containers provided by the laboratory are used for shipping samples. The shipping containers are insulated and ice is used to maintain samples at approximately 4°C until samples are returned and in the custody of the laboratory. All sample bottles within each shipping container are individually labeled and controlled. Samples are to be shipped to the laboratory within 24 to 48 hours of the day of collection depending on parameter holding times

Each sample shipping container is assigned a unique identification number by the laboratory. This number is recorded on the chain-of-custody record and is marked with indelible ink on the outside of the shipping container. The field sampler will indicate the sample designation/location number in the space provided on the appropriate chain-of-custody form for each sample collected.

The shipping container is closed and a seal provided by the laboratory is affixed to the latch. This seal must be broken to open the container, and this indicates possible tampering if the seal is broken before receipt at the laboratory. The laboratory will contact the site investigation team leader and the sample will not be analyzed if tampering is apparent.

### 5.2 LABORATORY SAMPLE CUSTODY

The site investigation team leader or Project Quality Assurance Officer notifies the laboratory of upcoming field sampling activities and the subsequent transfer of samples to the laboratory. This notification will include information concerning the number and type of samples to be shipped as well as the anticipated date of arrival.

The laboratory sample program meets the following criteria:

- The laboratory has designated a sample custodian who is responsible for maintaining custody of the samples and for maintaining all associated records documenting that custody.
- Upon receipt of the samples, the custodian will check the original chain-of-custody documents and compare them with the labeled contents of each sample container for correctness and traceability. The sample custodian signs the chain-of-custody record and records the date and time received.
- Care is exercised to annotate any labeling or descriptive errors. In the event of discrepant documentation, the laboratory will immediately contact the site investigation team leader as part of the corrective action process. A qualitative assessment of each sample container is performed to note any anomalies, such as broken or leaking bottles.

This assessment is recorded as part of the incoming chain-of-custody procedure:

1. The samples are stored in a secured area at a temperature of approximately 4°C until analyses are to commence.
2. A laboratory chain-of-custody record accompanies the sample or sample fraction through final analysis for control.
3. A copy of the chain-of-custody form will accompany the laboratory report and will become a permanent part of the project records.

### 5.3 FINAL EVIDENCE FILES

Final evidence files include all originals of laboratory reports and are maintained under documented control in a secure area.

A sample or an evidence file is under custody if:

- It is in your possession; it is in your view, after being in your possession.

- It was in your possession and you placed it in a secure area.
- It is in a designated secure area.

## 6.0 CALIBRATION PROCEDURES

Instruments and equipment used to gather, generate or measure environmental data will be calibrated with sufficient frequency and in such a manner that accuracy and reproducibility of results are consistent with the appropriate manufacturer's specifications or project specific requirements. The procedures for instrument calibration, calibration verification, and the frequency of calibrations are described in the ASP. The calibration of instruments used for the determination of metals will be as described in the appropriate CLP standard operating procedures.

Calibration of other instruments required for measurements associated with these analyses will be in accordance with the manufacturer's recommendations and the standard operating procedures of the laboratory.

## 7.0 ANALYTICAL PROCEDURES

Analytical procedures shall conform to the most recent revision of the NYSDEC-ASP (June 2005) and are summarized on **Tables 7.1** and **7.2.** In the absence of USEPA or NYSDEC guidelines, appropriate procedures shall be submitted for approval by NYSDEC prior to use.

The procedures for the sample preparation and analysis for organic compounds are as specified in the NYSDEC-ASP. Analytical cleanups are mandatory where matrix interferences are noted. No sample shall be diluted any more than a factor of five. The sample shall be either re-extracted, re-sonicated, re-stream distilled, etc. or be subjected to any one analytical cleanup noted in SW846 or a combination thereof. The analytical laboratory shall expend such effort and discretion to demonstrate good laboratory practice and demonstrate an attempt to best achieve the method detection limit.

### 7.1 VOLATILE ORGANICS

For the analysis of water samples for Target Compound List VOCs, no sample preparation is required. The analytical procedure for volatiles is detailed in NYSDEC-ASP (Volume I, Section D-I). A measured portion of the sample is placed in the purge and trap apparatus and the sample analysis is performed by gas chromatography/mass spectrometry for the first round. USEPA Method 8260 will be used, plus tentatively identified compounds (TICs). USEPA Methods 8010 or 8020 (gas chromatography with different detectors) will be used if subsequent rounds with lower limits of detection are warranted.

### 7.2 SEMI-VOLATILE ORGANIC COMPUNDS

The extraction and analytical procedures used for preparation of water, soil and sediment samples for the analysis of the TCL semi-volatile organic compounds are described in NYSDEC-ASP Volume I, Section D-III. USEPA Method 8270 will be used, plus TICs.

Instrument calibration, compound identification, and quantitation are performed as described in Section 6 of this document and in the NYSDEC-ASP.

### 7.3 PESTICDE AND PCB COMPOUNDS

The sample preservation procedures for gas chromatography for pesticides and polychlorinated biphenyls (PCBs) will be as described in the NYSDEC-ASP methods (Section D-IV). The analysis of standard mixes, blanks and spiked samples will be performed at the prescribed frequency with adherence to the 72-hour requirement described in the method.

### 7.4 METALS

Water, soil and waste samples will be analyzed for the metals listed in Table 7.1. The detection limits for these metals are as specified in the NYSDEC-ASP, Section D-V. The instrument detection limits will be determined using calibration standards and procedures specified in the NYSDEC-ASP. The detection limits for individual samples may be higher due to the sample matrix. The procedures for these analyses will be as described in the NYSDEC-ASP.

The analyses for metals will be performed by atomic absorption spectroscopy (AAS) or inductively-coupled plasma emission spectroscopy (ICPES), as specified in the ASP with regard to AAS flame analysis.

### 7.5 PER- AND POLYFLUOROALKYL SUBSTANCES

The NYSDEC has developed a list of 40 PFAS Analytes List on Table 7.2 for remedial programs. These are:

- Perfluorobutanesulfonic acid
- Perfluoropentanesulfonic acid
- Perfluorohexanesulfonic acid
- Perfluoroheptanesulfonic acid
- Perfluorooctanesulfonic acid
- Perfluorononanesulfonic acid
- Perfluorodecanesulfonic acid
- Perfluorododecanesulfonic acid
- Perfluorobutanoic acid
- Perfluoropentanoic acid
- Perfluorohexanoic acid
- Perfluoroheptanoic acid
- Perfluorooctanoic acid
- Perfluorononanoic acid

- Perfluorodecanoic acid
- Perfluoroundecanoic acid
- Perfluorododecanoic acid
- Perfluorotridecanoic acid
- Perfluorotetradecanoic acid
- Perfluorohexadecanoic acid
- Hexafluoropropylene oxide dimer acid
- 4,8-Dioxa-3H-perfluorononanoic acid
- Perfluoro-3-methoxypropanoic acid
- Perfluoro-4-methoxybutanoic acid
- Nonafluoro-3,6-dioxaheptanoic acid
- 4:2 Fluorotelomer sulfonic acid
- 6:2 Fluorotelomer sulfonate
- 8:2 Fluorotelomer sulfonate
- 3:3 Fluorotelomer carboxylic acid
- 5:3 Fluorotelomer carboxylic acid
- 7:3 Fluorotelomer carboxylic acid
- Perfluroroctane sulfonamide
- N-methylperfluorooctane sulfonamide
- N-ethylperfluorooctane sulfonamide
- N-methyl perfluorooctanesulfonamidoacetic acid
- N-ethyl perfluorooctanesulfonamidoacetic acid
- N-methylperfluorooctane sulfonamidoethanol
- N-ethylperfluorooctane sulfonamidoethanol
- 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major)
- 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor)
- Perfluoro(2-ethoxyethane) sulfonic acid

Currently, ELAP does not offer certification for PFAS compounds in matrices other than finished drinking water. Per the NYSDEC July 2023 memo on emergent contaminant sampling, the analytical procedure for soil and groundwater sampling of PFAS is Modified EPA Method 1633. The reporting limit for PFAS in soil samples is 0.5 ug/kg. Reporting limits for perfluorooctanoic acid (PFOA) and perfluorooctanesulfonic acid (PFOS) in groundwater should not exceed 2 ng/L.

The laboratory standard operating procedures are included in **Attachment C**. The laboratory method detection limits (MDLs) for PFAS compounds are included in **Attachment D**.

### 7.6 SITE SPECIFICITY OF ANALYSES

Work plans prepared for remedial actions for sites contain recommendations for the chemical parameters to be determined for each site. Thus, some or all of the referenced methods will apply to the analysis of samples collected at the individual waste sites. Analyses of TCL analytes will be performed on all samples.

To ensure that the field sampling and laboratory analytical practices are acceptable, the data associated with the samples will be validated by a third party (in accordance with requirements of DER-10). The validation approach and results will be presented in a data usability summary report (DUSR) to be included in the Report.

# TABLES

**TABLE 4.1--SAMPLING PROCEDURE FOR MONITORING WELLS USING LOW-STESS (LOW-FLOW) METHODS**

| Step | Description | Details |
|---|---|---|
| **1** | Record initial static water level. | **Device:** electric contact probe accurate to the nearest 0.1 foot. |
| **2** | Lower sampling device into well. Slowly lower the pump, safety cable, tubing and electrical lines into the well to the depth specified for that well. | Pump intake must be no less than 2 feet from the bottom of the well to prevent disturbance and resuspension of sediments which may be at the bottom of the well. |
| **3** | Measure water level again: Before starting the pump, measure the water level again with the pump in the well. Leave the water level measuring device in the well. | |
| **4** | Purge Well | Start pumping the well at 200 to 500 milliliters per minute (ml/min). The water level should be monitored approximately every five minutes. Ideally, a steady flow rate should be maintained that results in a stabilized water level (drawdown of 0.3 ft or less). Pumping rates should, if needed, be reduced to the minimum capabilities of the pump to ensure stabilization of the water level. As noted above, care should be taken to maintain pump suction and to avoid entrainment of air in the tubing. |
| **5** | Record each adjustment made to the pumping rate and the water level measured immediately after each adjustment. | |
| **6** | Monitor Indicator Parameters | 1. During purging of the well, monitor and record the field indicator parameters (turbidity, temperature, specific conductance, pH, Eh, and DO) approximately every five minutes. The well is considered stabilized and ready for sample collection when the indicator |

| Step | Description | Details |
|---|---|---|
| | | parameters have stabilized for three consecutive readings as follows (Puls and Barcelona, 1996):<br>a. 0.1 for pH<br>b. 3% for specific conductance (conductivity)<br>c. 10 mv for redox potential<br>d. 10% for DO and turbidity |
| **7** | The pump must not be removed from the well between purging and sampling. | Dissolved oxygen and turbidity usually require the longest time to achieve stabilization. |
| **8** | Collect Samples | Collect samples at a flow rate between 100 and 250 ml/min and such that drawdown of the water level within the well does not exceed the maximum allowable drawdown of 0.3 ft. VOC samples must be collected first and directly into sample containers. All sample containers should be filled with minimal turbulence by allowing the ground water to flow from the tubing gently down the inside of the container. |
| **9** | Ground water samples to be analyzed for volatile organic compounds (VOCs) require pH adjustment. The appropriate EPA Program Guidance should be consulted to determine whether pH adjustment is necessary. | If pH adjustment is necessary for VOC sample preservation, the amount of acid to be added to each sample vial prior to sampling should be determined, drop by drop, on a separate and equal volume of water (e.g., 40 ml). Groundwater purged from the well prior to sampling can be used for this purpose. |

| Step | Description | Details |
|---|---|---|
| **10** | Remove Pump and Tubing | After collection of the samples, the tubing, unless permanently installed, must be properly discarded or dedicated to the well for resampling by hanging the tubing inside the well. |
| **11** | Measure and record well depth. | |
| **12** | Close and lock the well. | |
| **13** | Samples are capped, labeled and placed in laboratory coolers with ice packs or bagged ice. | |
| **14** | All equipment is cleaned with successive rinses of pesticide-grade methanol and distilled water. | Dedicated line is disposed of or left at well site. |
| **15** | Equipment/wash blanks are collected when non-dedicated sampling equipment is used. | |
| **16** | Chain-of-custody forms are completed in triplicate. | The original and one carbon copy are put into a zip-lock bag and placed into the cooler. The original will be returned following sample analysis.<br><br>A second carbon copy is kept on file. |
| **17** | Cooler is sealed with strapping tape and chain-of-custody seals to assure integrity and to prevent tampering of sample. | |

## TABLE 4.2--SAMPLE CONTAINERIZATION

| PARAMETER & ANALYTICAL METHOD | NO. | BOTTLE TYPE | PRESERVATIVE[1] | HOLDING TIME |
|---|---|---|---|---|
| **Aqueous Samples** | | | | |
| VOCs – USEPA 8260C | 3 | 40 mL, glass vial with septum cap | Hydrochloric Acid to pH <2<br>Ice to 4°C | 14 days |
| SVOCs (BNAs) and 1,4-Dioxane – USEPA 8270 SIM | 2 | 1-liter amber glass bottle | Ice to 4°C | 7 days (until extraction)<br>40 days (extracted) |
| Pesticides – USEPA 8081B | 2 | 1-liter amber glass bottle | Ice to 4°C | 7 days (until extraction)<br>40 days (extracted) |
| PCBs – USEPA 8082A | 2 | 1-liter amber glass bottle | Ice to 4°C | 7 days (until extraction)<br>40 days (extracted) |
| Metals[2] | 1 | 1-liter, plastic bottle | Nitric acid to pH <2<br>NaOH for cyanide<br>Ice to 4°C | 180 days<br>Cyanide: 14 days<br>Mercury: 28 days |
| Cyanide – USEPA 9010C/9012B | 1 | 1-liter, plastic | Sodium Hydroxide to pH >12<br>Ice to 4°C | 14 days |
| PFAS Compounds – USEPA Modified Method 537 | 2 | 500 ml HDPE or Polypropylene with non-Teflon lid | None | 14 days |
| **Soil, Sediment, Solid Waste Samples:** | | | | |
| VOCs – USEPA 8260C | 3 | 5-gram EnCore samplers | Chilled to 0 - 6°C | 14 days |
| SVOCs (BNAs) and 1,4-Dioxane – USEPA 8270D SIM if RL cannot be reached | 1 | 4-oz. glass jar with Teflon lid | Chilled to 0 - 6°C | 14 days (until extraction,<br>40 days extracted) |

| PARAMETER & ANALYTICAL METHOD | NO. | BOTTLE TYPE | PRESERVATIVE(1) | HOLDING TIME |
|---|---|---|---|---|
| Pesticides – USEPA 8081B | 1 | 4-oz. glass jar with Teflon lid | Chilled to 0 - 6°C | 14 days (until extraction)<br>40 days (extracted) |
| PCBs – USEPA 8082A | 1 | 4-oz. glass jar with Teflon lid | Chilled to 0 - 6°C | None |
| Metals(3) | 1 | 4-oz. glass jar with Teflon lid | Chilled to 0 - 6°C | 180 days<br>Cyanide: 14 days<br>Mercury: 28 days |
| PFAS Compounds – USEPA Modified Method 1633 | 2 | 500 ml HDPE or Polypropylene with non-Teflon lid | None | 28 days |
| **Soil Vapor / Indoor Air Samples:** | | | | |
| VOCs – USEPA TO-15 | 1 | Summa Canister | None | 30 days |

(1) All samples will be preserved with ice during collection and shipment.

(2) Metals refers to the 24 metals and cyanide in the Target Compound List (NYSDEC-CLP 11/87). Metals will be analyzed by Method 6020B, 7470A for mercury, and 9010C/9012B for cyanide

(3) Metals refers to the 24 metals and cyanide in the Target Compound List (NYSDEC-CLP 11/87). Metals will be analyzed by Method 6010D, 7471B for mercury, and 9010C/9012B for cyanide

(4) A complete list of compounds is provided on Table 7.1.

**Table 7.1 PFAS Compound List and Reporting and Method Detection Limits for Soil and Groundwater**

| Method: EPA 1633 by LC-MS/MS | | | |
|---|---|---|---|
| | **PFAS** | **Reporting Limit — Groundwater (ng/l)** | **Method Detection Limit — Groundwater (ng/l)** |
| 1 | Perfluorobutanesulfonic acid (PFBS) | 1.6 | 0.245 |
| 2 | Perfluoropentanesulfonic acid (PFPeS) | 1.6 | 0.204 |
| 3 | Perfluorohexanesulfonic acid (PFHxS) | 1.6 | 0.217 |
| 4 | Perfluoroheptanesulfonic acid (PFHpS) | 1.6 | 0.137 |
| 5 | Perfluorooctanesulfonic acid (PFOS) | 1.6 | 0.327 |
| 6 | Perfluorononanesulfonic acid (PFNS) | 1.6 | 0.303 |
| 7 | Perfluorodecanesulfonic acid (PFDS) | 1.6 | 0.334 |
| 8 | Perfluorododecanesulfonic acid (PFDoS) | 1.6 | 0.179 |
| 9 | Perfluorobutanoic acid (PFBA) | 6.4 | 0.330 |
| 10 | Perfluoropentanoic acid (PFPeA) | 3.2 | 0.196 |
| 11 | Perfluorohexanoic acid (PFHxA) | 1.6 | 0.318 |
| 12 | Perfluoroheptanoic acid (PFHpA) | 1.6 | 0.221 |
| 13 | Perfluorooctanoic acid (PFOA) | 1.6 | 0.302 |
| 14 | Perfluorononanoic acid (PFNA) | 1.6 | 0.221 |
| 15 | Perfluorodecanoic acid (PFDA) | 1.6 | 0.333 |
| 16 | Perfluoroundecanoic acid (PFUnA) | 1.6 | 0.264 |
| 17 | Perfluorododecanoic acid (PFDoA) | 1.6 | 0.379 |
| 18 | Perfluorotridecanoic acid (PFTrDA) | 1.6 | 0.238 |
| 19 | Perfluorotetradecanoic acid (PFTeDA) | 1.6 | 0.264 |
| 20 | Hexafluoropropylene oxide dimer acid (HFPO-DA) | 6.4 | 0.406 |

| Method: EPA 1633<br>by LC-MS/MS | | | |
|---|---|---|---|
| 21 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 6.4 | 0.779 |
| 22 | Perfluoro-3-methoxypropanoic acid (PFMPA) | 3.2 | 0.177 |
| 23 | Perfluoro-4-methoxybutanoic acid (PFMBA) | 3.2 | 0.117 |
| 24 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | 3.2 | 1.384 |
| 25 | 4:2 Fluorotelomer sulfonic acid (4:2-FTS) | 6.4 | 2.281 |
| 26 | 6:2 Fluorotelomer sulfonic acid (6:2-FTS) | 6.4 | 3.973 |
| 27 | 8:2 Fluorotelomer sulfonic acid (8:2-FTS) | 6.4 | 1.566 |
| 28 | 3:3 Fluorotelomer carboxylic acid (3:3 FTCA) | 8.0 | 0.721 |
| 29 | 5:3 Fluorotelomer carboxylic acid (5:3 FTCA) | 40 | 5.066 |
| 30 | 7:3 Fluorotelomer carboxylic acid (7:3 FTCA) | 40 | 5.942 |
| 31 | Perfluorooctane sulfonamide (PFOSA) | 1.6 | 0.227 |
| 32 | N-methylperfluorooctane sulfonamide (NMeFOSA) | 1.6 | 0.196 |
| 33 | N-ethylperfluorooctane sulfonamide (NEtFOSA) | 1.6 | 0.585 |
| 34 | N-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA) | 1.6 | 0.586 |
| 35 | N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA) | 1.6 | 0.324 |
| 36 | N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | 16 | 1.191 |
| 37 | N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | 16 | 1.022 |
| 38 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major) (9CL-PF3ONS) | 6.4 | 0.871 |
| 39 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor) (11CL-PF3OUDS) | 6.4 | 0.819 |
| 40 | Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA) | 3.2 | 0.137 |
| 41 | Perfluorohexadecanoic acid (PFHxDA)[1] | ~ | ~ |
| | 1,4-dioxane | | |

| Method: EPA 1633<br>by LC-MS/MS | | | |
|---|---|---|---|
| | **PFAS** | **Reporting Limit — Soil (ng/g)** | **Method Detection Limit — Soil (ng/g)** |
| 1 | Perfluorobutanesulfonic acid (PFBS) | 0.2 | 0.014 |
| 2 | Perfluoropentanesulfonic acid (PFPeS) | 0.2 | 0.015 |
| 3 | Perfluorohexanesulfonic acid (PFHxS) | 0.2 | 0.018 |
| 4 | Perfluoroheptanesulfonic acid (PFHpS) | 0.2 | 0.057 |
| 5 | Perfluorooctanesulfonic acid (PFOS) | 0.2 | 0.067 |
| 6 | Perfluorononanesulfonic acid (PFNS) | 0.2 | 0.046 |
| 7 | Perfluorodecanesulfonic acid (PFDS) | 0.2 | 0.040 |
| 8 | Perfluorododecanesulfonic acid (PFDoS) | 0.2 | 0.038 |
| 9 | Perfluorobutanoic acid (PFBA) | 0.8 | 0.401 |
| 10 | Perfluoropentanoic acid (PFPeA) | 0.4 | 0.021 |
| 11 | Perfluorohexanoic acid (PFHxA) | 0.2 | 0.020 |
| 12 | Perfluoroheptanoic acid (PFHpA) | 0.2 | 0.029 |
| 13 | Perfluorooctanoic acid (PFOA) | 0.2 | 0.037 |
| 14 | Perfluorononanoic acid (PFNA) | 0.2 | 0.086 |
| 15 | Perfluorodecanoic acid (PFDA) | 0.2 | 0.031 |
| 16 | Perfluoroundecanoic acid (PFUnA) | 0.2 | 0.033 |
| 17 | Perfluorododecanoic acid (PFDoA) | 0.2 | 0.059 |
| 18 | Perfluorotridecanoic acid (PFTrDA) | 0.2 | 0.038 |
| 19 | Perfluorotetradecanoic acid (PFTeDA) | 0.2 | 0.032 |
| 20 | Hexafluoropropylene oxide dimer acid (HFPO-DA) | 0.8 | 0.136 |
| 21 | 4,8-Dioxa-3H-perfluorononanoic acid (ADONA) | 0.8 | 0.057 |

| **Method: EPA 1633 by LC-MS/MS** | | | |
|---|---|---|---|
| 22 | Perfluoro-3-methoxypropanoic acid (PFMPA) | 0.4 | 0.033 |
| 23 | Perfluoro-4-methoxybutanoic acid (PFMBA) | 0.4 | 0.029 |
| 24 | Nonafluoro-3,6-dioxaheptanoic acid (NFDHA) | 0.4 | 0.084 |
| 25 | 4:2 Fluorotelomer sulfonic acid (4:2-FTS) | 0.8 | 0.282 |
| 26 | 6:2 Fluorotelomer sulfonic acid (6:2-FTS) | 0.8 | 0.116 |
| 27 | 8:2 Fluorotelomer sulfonic acid (8:2-FTS) | 0.8 | 0.225 |
| 28 | 3:3 Fluorotelomer carboxylic acid (3:3 FTCA) | 1.0 | 0.060 |
| 29 | 5:3 Fluorotelomer carboxylic acid (5:3 FTCA) | 5.0 | 0.363 |
| 30 | 7:3 Fluorotelomer carboxylic acid (7:3 FTCA) | 5.0 | 0.308 |
| 31 | Perfluorooctane sulfonamide (PFOSA) | 0.2 | 0.068 |
| 32 | N-methylperfluorooctane sulfonamide (NMeFOSA) | 0.2 | 0.049 |
| 33 | N-ethylperfluorooctane sulfonamide (NEtFOSA) | 0.2 | 0.038 |
| 34 | N-methylperfluorooctane sulfonamidoacetic acid (N-MeFOSAA) | 0.2 | 0.030 |
| 35 | N-ethylperfluorooctane sulfonamidoacetic acid (N-EtFOSAA) | 0.2 | 0.044 |
| 36 | N-methylperfluorooctane sulfonamidoethanol (NMeFOSE) | 2.0 | 0.203 |
| 37 | N-ethylperfluorooctane sulfonamidoethanol (NEtFOSE) | 2.0 | 0.247 |
| 38 | 9-Chlorohexadecafluoro-3-oxanonane-1-sulfonic acid (F-53B Major) (9CL-PF3ONS) | 0.8 | 0.038 |
| 39 | 11-Chloroeicosafluoro-3-oxaundecane-1-sulfonic acid (F-53B Minor) (11CL-PF3OUdS) | 0.8 | 0.071 |
| 40 | Perfluoro(2-ethoxyethane) sulfonic acid (PFEESA) | 0.4 | 0.018 |
| 41 | Perfluorohexadecanoic acid (PFHxDA)[1] | ~ | ~ |

Source: EPA Analysis of Per- and Polyfluoroalkyl Substances (PFAS) in Aqueous, Solid, Biosolids, and Tissue Samples by LC-MS/MS, Second Draft Method 1633, November 2022

Data for this table are derived from the single-laboratory validation study and are only provided as examples for this draft method. The data will be updated to reflect the interlaboratory study results in a subsequent revision. Therefore, these criteria will change after interlaboratory validation.

[1] This compound was not listed in the EPA Method 1633 2nd draft and currently no known values exist

# Appendix C:

## Boring/Monitoring Well Construction Logs

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-01



| | | | |
|---|---|---|---|
| **PROJECT NAME** | Archer II Development | **PROJECT LOCATION** | 163-25 Archer Avenue, Jamaica, New York |
| **PROJECT NO.** | 12914 | **ELEVATION DATUM** | **GROUND ELEVATION** |
| **DATE STARTED** | 08-08-2025 **COMPLETED** 08-08-2025 | **DRILLING METHOD** | |
| **DRILLING CONTRACTOR** | PG | **SAMPLE HAMMER** | |
| **SAMPLER** | Macrocore | **AUGER INNER DIAMETER** | **OUTER DIAMETER** |
| **EQUIPMENT** | Geoprobe | **ROTARY BIT DIAMETER** | **DEPTH TO GROUNDWATER:** |
| **DRILLING FOREMAN** | **HELPER** | **CASING DIAMETER** | ▽ **AT TIME OF DRILLING** |
| **LOGGED BY** | S. Bauer **CHECKED BY** M. Chorazak | **CASING DEPTH** | ▼ **AT END OF DRILLING** |
| **LATITUDE** | **LONGITUDE** | **FINAL DEPTH** | 20.0± ft ▼ **AFTER DRILLING** |

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Brown coarse to fine SAND, little Silt | | | | | | | | | |
| | | Brown coarse to fine SAND, little coarse to fine Gravel, trace Silt | | | | | | RI-SB-1 (2.5-3.0) | | | |
| | -5 | Red-brown coarse SAND, trace Silt | 5 | | | | | | | | |
| | | | | | | | | RI-SB-1 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-1 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-1 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-02



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** _____ **HELPER** _____
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** _____ **LONGITUDE** _____

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** _____ **GROUND ELEVATION** _____
**DRILLING METHOD** _____
**SAMPLE HAMMER** _____
**AUGER INNER DIAMETER** _____ **OUTER DIAMETER** _____
**ROTARY BIT DIAMETER** _____ **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** _____ ▽ **AT TIME OF DRILLING** _____
**CASING DEPTH** _____ ▼ **AT END OF DRILLING** _____
**FINAL DEPTH** 20.0± ft ▽ **AFTER DRILLING** _____

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Brown coarse to fine SAND, little Silt | | | | | | | | | |
| | | Brown coarse to fine SAND, little coarse to fine Gravel, trace Silt | | | | | | RI-SB-2 (2.5-3.0) | | | |
| | -5 | Red-brown coarse SAND, trace Silt | 5 | | | | | | | | |
| | | | | | | | | RI-SB-2 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-2 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-2 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-03



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** _____ **HELPER** _____
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** _____ **LONGITUDE** _____

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** _____ **GROUND ELEVATION** _____
**DRILLING METHOD** _____
**SAMPLE HAMMER** _____
**AUGER INNER DIAMETER** _____ **OUTER DIAMETER** _____
**ROTARY BIT DIAMETER** _____ **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** _____ ▽ **AT TIME OF DRILLING** _____
**CASING DEPTH** _____ ▼ **AT END OF DRILLING** _____
**FINAL DEPTH** 20.0± ft ▽ **AFTER DRILLING** _____

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine Sand, little Silt | | | | | | | | | |
| | | Fill: Brown coarse to fine SAND, with concrete fragments | | | | | | RI-SB-3 (2.5-3.0) | | | |
| | -5 | Fill: Concrete | 5 | | | | | | | | |
| | | Red-brown coarse SAND, some medium to fine Gravel, trace Silt | | | | | | RI-SB-3 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-3 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-3 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-04



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-13-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown medium to fine SAND, little Silt, little fine Gravel, with mulch | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine Sand and coarse to fine Gravel, trace Silt, with concrete, metal and red brick fragments | | | | | | RI-SB-04 (1-1.5) | | 0.0 | |
| | | | | 1 | | 59 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | Dry | | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | | |
| | | Fill: Tan/orange-brown coarse to fine SAND, little fine Gravel, trace Silt, with concrete and red brick fragments | | | | | | | | 0.0 | |
| | | | | 2 | | 50 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | RI-SB-04 (8.5-9) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -10 | | 10 | | | | | | | | |
| | | Tan/orange-brown medium to fine SAND, little medium to fine Gravel, trace Silt | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 3 | | 53 | | | | 0.0 | |
| | | | | | | | | RI-SB-04 (13.5-14) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | Moist | | | | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 4 | | 20 | | | | 0.0 | |
| | | | | | | | | RI-SB-04 (18-18.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-05



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** _____ **HELPER** _____
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** _____ **LONGITUDE** _____

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** _____ **GROUND ELEVATION** _____
**DRILLING METHOD** _____
**SAMPLE HAMMER** _____
**AUGER INNER DIAMETER** _____ **OUTER DIAMETER** _____
**ROTARY BIT DIAMETER** _____ **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** _____ ▽ **AT TIME OF DRILLING** _____
**CASING DEPTH** _____ ▼ **AT END OF DRILLING** _____
**FINAL DEPTH** 20.0± ft ▽ **AFTER DRILLING** _____

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, trace Silt, with concrete fragments | | | | | | RI-SB-5 (2.5-3.0) | | | |
| | -5 | Fill: Concrete | 5 | | | | | | | | |
| | | Brown coarse SAND, trace Silt | | | | | | RI-SB-5 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-5 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-5 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-06



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, trace Silt, with concrete fragments | | | | | | RI-SB-6 (2.5-3.0) | | | |
| | -5 | Fill: Concrete | 5 | | | | | | | | |
| | | Brown coarse SAND, trace Silt | | | | | | RI-SB-6 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-6 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-6 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-07



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** _____ **HELPER** _____
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** _____ **LONGITUDE** _____

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** _____ **GROUND ELEVATION** _____
**DRILLING METHOD** _____
**SAMPLE HAMMER** _____
**AUGER INNER DIAMETER** _____ **OUTER DIAMETER** _____
**ROTARY BIT DIAMETER** _____ **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** _____ ▽ **AT TIME OF DRILLING** _____
**CASING DEPTH** _____ ▼ **AT END OF DRILLING** _____
**FINAL DEPTH** 20.0± ft ▽ **AFTER DRILLING** _____

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, trace Silt, with concrete fragments | | | | | | RI-SB-7 (2.5-3.0) | | | |
| | -5 | Fill: Concrete fragments | 5 | | | | | | | | |
| | | Brown coarse SAND, trace Silt | | | | | | RI-SB-7 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-7 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-7 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-08



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT** Geoprobe
**DRILLING FOREMAN** _____ **HELPER** _____
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** _____ **LONGITUDE** _____

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** _____ **GROUND ELEVATION** _____
**DRILLING METHOD** _____
**SAMPLE HAMMER** _____
**AUGER INNER DIAMETER** _____ **OUTER DIAMETER** _____
**ROTARY BIT DIAMETER** _____ **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** _____ ▽ **AT TIME OF DRILLING** _____
**CASING DEPTH** _____ ▼ **AT END OF DRILLING** _____
**FINAL DEPTH** 20.0± ft ▽ **AFTER DRILLING** _____

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, trace Silt, with concrete fragments | | | | | | RI-SB-8 (2.5-3.0) | | | |
| | -5 | Fill: Concrete fragments | 5 | | | | | | | | |
| | | Brown coarse SAND, trace Silt | | | | | | RI-SB-8 (7.5-8.0) | | | |
| | -10 | | 10 | | | | | | | | |
| | | | | | | | | RI-SB-8 (12.5-13.0) | | | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-8 (17.5-18.0) | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-9



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-13-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown med. to fine SAND, some medium Gravel, little Silt | | | | | | | | | |
| | | Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with brick, concrete, metal, and asphalt fragments | | 1 | | 60 | Dry | RI-SB-9 (2.5-3, dup5) | | 0.0<br>0.0<br>0.0<br>0.0<br>0.0 | No odors, no staining |
| | -5 | Fill: Dark brown to brown medium to fine SAND, some coarse to fine Gravel, trace Silt, with concrete, metal (wiring), asphalt and brick fragments | 5 | 2 | | 50 | Dry | RI-SB-9 (7.5-8, dup6) | | 0.0<br>0.0<br>0.0<br>0.0<br>0.0 | No odors, no staining |
| | -10 | Brown to orange-brown medium to fine SAND, little fine Gravel, trace Silt | 10 | 3 | | 56 | Dry | RI-SB-9 (12-12.5) | | 0.0<br>0.0<br>0.0<br>0.0<br>0.0 | No odors, no staining |
| | -15 | Tan to orange-brown coarse to fine SAND, little fine Gravel, trace Silt | 15 | 4 | | 59 | Dry | RI-SB-9 (17-17.5) | | 0.0<br>0.0<br>0.0<br>0.0<br>0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-10



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-13-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to dark brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with brick, concrete, metal, glass and asphalt fragments | | 1 | | 60 | Dr | RI-SB-10 (4-4.5, dup7) | | 0.0<br>0.0<br>0.0<br>0.0<br>0.0 | No odors, no staining |
| | -5 | Fill: Brown to dark brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with mulch, masonry, red brick, concrete and asphalt fragments | 5 | | | | Dry | RI-SB-10 (6.5-7) | | 0.0<br>0.0 | No odors, no staining |
| | | Fill: Concrete | | 2 | | 52 | | | | 0.0 | |
| | | Fill: Brown medium to fine SAND, little medium to fine Gravel, trace Silt, with trace asphalt fragments | | | | | Dry | | | 0.0<br>0.0 | No odors, no staining |
| | -10 | Tan to orange-brown coarse to fine SAND, little medium to fine Gravel, trace Silt, with collapsed material | 10 | | | | | RI-SB-10 (11-11.5, dup8) | | 0.0<br>0.0 | |
| | | | | 3 | | 60 | Moist | | | 0.0 | No odors, no staining |
| | -15 | | 15 | | | | | | | 0.0<br>0.0 | |
| | | | | 4 | | 60 | Moist | | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | RI-SB-10 (19-19.5) | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-11



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-13-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown medium to fine SAND, little Silt, little medium to fine Gravel, with mulch and concrete fragments | | | | | | RI-SB-11 (0.5-1) | | 0.0 | |
| | | Fill: Brown to dark brown medium to fine SAND, some medium to fine Gravel, trace Silt, with brick, concrete, asphalt and Wood fragments | | 1 | | 57 | Dry | | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Brown to dark brown medium to fine SAND, some medium to fine Gravel, trace Silt, with brick, concrete and asphalt fragments | | 2 | | 51 | Dry | RI-SB-11 (5-5.5) | | 0.0 | No odors, no staining |
| | -10 | | 10 | | | | | RI-SB-11 (10-10.5) | | 0.0 | |
| | | Tan to orange -brown coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 54 | Dry | | | 0.0 | No odors, no staining |
| | -15 | | 15 | 4 | | 38 | Moist | RI-SB-11 (15-15.5) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with brick, concrete, metals and asphalt fragments | | 1 | | | Dry | RI-SB-12 (2.5-3) | | 0.0 | Moisture due to rain<br>No odors no staining |
| | -5 | Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with brick, concrete and asphalt fragments | 5 | 2 | | | Dry | RI-SB-12 (7.5-8) | | 0.0 | No odors, no staining |
| | -10 | Fill: Concrete | 10 | | | | | | | 0.0 | |
| | | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | | Dry | RI-SB-12 (11-11.5) | | 0.0 | No odors, no staining |
| | -15 | Orange-brown to tan coarse to fine SAND, little fine Gravel, trace Silt | 15 | 4 | | | | RI-SB-12 (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12 (2)



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 10.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Red-brown coarse SAND with concrete fragments | | | | | | RI-SB-12 (2.5-3.0) | | | |
| | -5 | | 5 | | | | | RI-SB-12 (7.5-8.0) | | | |
| | -10 | BOREHOLE COMPLETED AT 10± FEET DUE TO REFUSAL | 10 | | | | | | | | |
| | -15 | | 15 | | | | | | | | |
| | -20 | | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12N



| | | | |
|---|---|---|---|
| **PROJECT NAME** | Archer II Development | **PROJECT LOCATION** | 163-25 Archer Avenue, Jamaica, New York |
| **PROJECT NO.** | 12914 | **ELEVATION DATUM** | **GROUND ELEVATION** |
| **DATE STARTED** | 08-14-2025 **COMPLETED** 08-14-2025 | **DRILLING METHOD** | |
| **DRILLING CONTRACTOR** | | **SAMPLE HAMMER** | |
| **SAMPLER** | | **AUGER INNER DIAMETER** | **OUTER DIAMETER** |
| **EQUIPMENT** | | **ROTARY BIT DIAMETER** | **DEPTH TO GROUNDWATER:** |
| **DRILLING FOREMAN** | **HELPER** | **CASING DIAMETER** | ▽ **AT TIME OF DRILLING** |
| **LOGGED BY** | R. Reynoso **CHECKED BY** M. Chorazak | **CASING DEPTH** | ▼ **AT END OF DRILLING** |
| **LATITUDE** | **LONGITUDE** | **FINAL DEPTH** | 20.0± ft ▼ **AFTER DRILLING** |

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with mulch brick, concrete, metal and asphalt fragments | | 1 | | 49 | Dry | RI-SB-12N (2.5-3) | | 0.0 | |
| | -5 | Fill: Dark brown to brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with brick, concrete, asphalt, and glass fragments | 5 | 2 | | 51 | Dry | RI-SB-12N (7.5-8) | | 0.0 | |
| | -10 | | 10 | | | | | | | 0.0 | |
| | | Tan to orange-brown coarse to fine SAND, little medium to fine Gravel | | 3 | | 58 | Dry | RI-SB-12N (11-11.5) | | 0.0 | No odors, no staining |
| | -15 | | 15 | 4 | | 34 | Moist | RI-SB-12N (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12S



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and metal fragments | | 1 | | 52 | | RI-SB-12S (2.5-3) | | 0.0 | |
| | -5 | Fill: Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and metal fragments | 5 | 2 | | 60 | | RI-SB-12S (7.5-8) | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and metal fragments | | | | | | | | 0.0 | |
| | -10 | Fill: Concrete | 10 | | | | | | | 0.0 | |
| | | Orange-brown coarse to fine SAND, some coarse to fine Gravel, trace Silt | | 3 | | 48 | Dry | RI-SB-12S (11-11.5) | | 0.0 | No odors, no staining |
| | -15 | Tan to orange-brown coarse to fine SAND, little medium to fine Gravel, trace Silt | 15 | 4 | | 46 | Dry | RI-SB-12S (17.5-18) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12E



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, little medium to fine Gravel, trace Silt, with mulch and concrete fragments | | | | | | | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and metal fragments | | 1 | | 47 | Dry | RI-SB-12E (2.5-3) | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | | | 2 | | 59 | | RI-SB-12E (7.5-8) | | 0.0 | |
| | -10 | | 10 | | | | | | | 0.0 | |
| | | | | | | | | RI-SB-12E (11-11.5) | | 0.0 | |
| | | Fill: Concrete | | 3 | | 52 | | | | 0.0 | |
| | | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 48 | | RI-SB-12E (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-12W



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with mulch, brick, concrete, metal and asphalt fragments | | 1 | | 49 | Dry | RI-SB-12W (2.5-3) | | 0.0 | No odors, no staining |
| | -5 | | 5 | 2 | | 60 | | RI-SB-12W (7.5-8) | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with mulch, brick, concrete and asphalt fragments | | | | | | | | 0.0 | |
| | -10 | Fill: Concrete | 10 | | | | | | | 0.0 | |
| | | Orange-brown coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 48 | Dry | RI-SB-12W (11-11.5) | | 0.0 | No odors, no staining |
| | -15 | | 15 | 4 | | 39 | | RI-SB-12W (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to dark brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with mulch, brick, asphalt, metal and concrete fragments | | 1 | | 58 | Dry | RI-SB-13 (2.5-3) | | 0.0 | No odors, no staining |
| | -5 | Fill: Brown medium to fine SAND, some medium to fine Gravel, trace Silt, with brick, wood, concrete and masonry fragments | 5 | 2 | | 55 | | RI-SB-13 (7.5-8) | | 0.0 | |
| | -10 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 10 | 3 | | 52 | Dry | RI-SB-13 (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | | 15 | 4 | | 47 | | RI-SB-13 (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13 (2)



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-08-2025 **COMPLETED** 08-08-2025
**DRILLING CONTRACTOR** PG
**SAMPLER** Macrocore
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** S. Bauer **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, trace Silt, with concrete fragments | | | | | | RI-SB-13 (2.5-3.0) | | | |
| | -5 | | 5 | | | | | RI-SB-13 (7.5-8.0) | | | |
| | -10 | Fill: Concrete | 10 | | | | | RI-SB-13 (12.5-13.0) | | | |
| | | Red-brown coarse SAND, trace Silt | | | | | | | | | |
| | -15 | Red-brown coarse SAND, some coarse to fine Gravel, trace Silt | 15 | | | | | RI-SB-13 (17.5-18.0) | | | |
| | | Red-brown coarse SAND, trace Silt | | | | | | | | | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13N



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and wood fragments | | 1 | | 54 | Dry | RI-SB-13N (2.5-3) | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Brown coarse to fine SAND, with concrete fragments (potential slab) | | 2 | | 43 | | RI-SB-13N (7.5-8) | | 0.0 | |
| | | Fill: Brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with asphalt, brick, concrete and metal fragments | | | | | Dry | | | 0.0 | No odors, no staining |
| | -10 | Fill: Concrete fragments | 10 | | | | | | | 0.0 | |
| | | Brown to orange-brown coarse to fine SAND, little fine Gravel, trace Silt | | 3 | | 41 | Dry | RI-SB-13N (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 49 | | RI-SB-13N (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13S



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to dark brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with mulch, brick, asphalt, metal, and concrete fragments | | 1 | | 54 | Dry | RI-SB-13E (2.5-3) | | 0.0 | No odors, no staining |
| | -5 | | 5 | 2 | | 60 | | RI-SB-13E (7.5-8) | | 0.0 | |
| | -10 | Fill: Concrete | 10 | | | | | | | 0.0 | |
| | | Gray to orange-brown coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 36 | Dry | RI-SB-13E (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | Orange-brown to tan coarse to fine GRAVEL, little medium to fine Sand, trace Silt | 15 | 4 | | 41 | Dry | RI-SB-13E (17.5-18) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13E



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to dark brown medium to fine SAND, some medium to fine Gravel, trace Silt, with concrete, asphalt and brick fragments | | 1 | | 59 | | RI-SB-13E (2.5-3) | | 0.0 | |
| | -5 | | 5 | 2 | | 60 | | RI-SB-13E (7.5-8) | | 0.0 | |
| | -10 | Fill: Concrete | 10 | 3 | | 23 | Dry | RI-SB-13E (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 15 | 4 | | 55 | Dry | RI-SB-13E (17.5-18) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-13W



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-14-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to dark brown medium to fine SAND, some medium to fine Gravel, trace Silt, with concrete, asphalt and brick fragments | | 1 | | 59 | | RI-SB-13W (2.5-3) | | 0.0 | |
| | -5 | | 5 | 2 | | 60 | | RI-SB-13W (7.5-8) | | 0.0 | |
| | -10 | Fill: Concrete | 10 | 3 | | 23 | Dry | RI-SB-13W (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 15 | 4 | | 55 | Dry | RI-SB-13W (17.5-18) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-14



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-13-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6 -in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Dark brown-tan coarse to fine SAND, trace Silt, with mulch | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with brick, concrete, wood and glass fragments | | 1 | | 50 | Dry | RI-SB-14 (2-2.5, dup2) | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with concrete, brick and asphalt fragments | | 2 | | 58 | Dry | RI-SB-14 (6-6.5) | | 0.0 | No odors, no staining |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with concrete and brick fragments | | | | | | | | 0.0 | |
| | | Fill: Brown medium to fine SAND, trace Silt, with brick and masonry fragments | | | | | Dry | | | 0.0 | No odors, no staining |
| | -10 | | 10 | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine Sand and coarse to fine Gravel, trace Silt, with concrete, brick and Masonry fragments | | 3 | | 56 | Dry | RI-SB-14 (10.5-11, dup3) | | 0.0 | No odors, no staining |
| | | Orange-brown coarse to fine Sand, little fine Gravel, trace Silt | | | | | Dry | | | 0.0 | No odors, no staining |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 31 | | RI -SB-14 (16-16.5, dup4) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-15



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine Sand and medium to fine Gravel, trace Silt, with concrete, brick and wood fragments | | 1 | | 36 | Dry | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | No odors, no staining |
| | | | | | | | | RI-SB-15 (4.5-5) | | 0.0 | |
| | -5 | | 5 | | | | | | | | |
| | | Fill: Light brown medium to fine Sand and coarse to fine Gravel, trace Silt | | | | | Dry | | | 0.0 | No odors, no staining |
| | | Fill: Dark brown to brown medium to fine Sand and medium to fine Gravel, trace Silt, with concrete and brick fragments | | 2 | | 27 | | RI-SB-15 (7-7.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -10 | Fill: 4" Concrete | 10 | | | | | RI-SB-15 (10-10.5) | | 0.0 | Refusal at 10' (possible foundational element) Retry on 8/15 with bigger rig |
| | | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 29 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | | |
| | | | | | | | | RI-SB-15 (16-16.5) | | 0.0 | |
| | | | | 4 | | 37 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-15N



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine SAND, some medium to fine Gravel, trace Silt, with brick and concrete fragments | | | | | | | | 0.0 | |
| | | | | 1 | | 31 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | RI-SB-15N (4-4.5) | | 0.0 | |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with brick, concrete and metal fragments | | | | | | | | 0.0 | |
| | | | | 2 | | 58 | Dry | RI-SB-15N (7-7.5) | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | -10 | | 10 | | | | | | | 0.0 | Refusal at 10' (possible foundational element) |
| | | Orange-brown tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | | | | | RI-SB-15 (10-10.5) | | 0.0 | Retry 8/15 with bigger rig |
| | | | | 3 | | 35 | Dry | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | | | | | RI-SB-15 (16-16.5) | | 0.0 | |
| | | | | 4 | | 50 | Dry | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-15S



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-12-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Asphalt Cobble | | | | | | | | 0.0 | |
| | | Fill: Dark brown medium to fine SAND, some medium to fine Gravel, little Silt | | 1 | | 18 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -5 | | 5 | | | | | RI-SB15S (4.5-5) | | 0.0 | |
| | | Fill: Dark brown medium to fine SAND, some medium to fine Gravel, little Silt, with asphalt fragments | | 2 | | 5 | | RI-SB-15S (7-7.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -10 | | 10 | | | | | RI-SB-15S (10-10.5) | | 0.0 | |
| | | Orange- brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 55 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 58 | | RI-SB-15S (16-16.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-15E



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown medium to fine Sand and coarse to fine Gravel, trace Silt, with concrete, brick and metal fragments | | 1 | | 49 | Dry | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -5 | | 5 | | | | | RI-SB-15E (4-4.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 2 | | 46 | | RI-SB-15E (7-7.5) | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | Refusal on 10' (possible foundational element) |
| | -10 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 10 | | | | | RI-SB-15E (10-10.5) | | 0.0 | Retry 8/15 with bigger rig |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 3 | | 46 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | | | | | RI-SN-15E (16-16.5) | | 0.0 | |
| | | | | 4 | | 34 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB15W



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine SAND, some medium to fine Gravel, little Silt, with brick and glass fragments | | 1 | | 21 | Dry | | | 0.0 | No odors, no staining |
| | | Fill: Brick | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine SAND, some medium to fine Gravel, little Silt, with brick and asphalt fragments | | | | | Dry | RI-SB-15W (4.5-5) | | 0.0 | No odors, no staining |
| | -5 | Fill: Dark brown to brown medium to fine SAND, some medium to fine Gravel, little Silt, with brick fragments | 5 | 2 | | 19 | | | | 0.0 | |
| | | Fill: Brown medium to fine Sand and coarse to fine Gravel, with brick and concrete fragments | | | | | | | | 0.0 | |
| | | Fill: Dark brown to brown medium to fine SAND, trace Silt, with brick and concrete fragments | | | | | | RI-SB-15W (7-7.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -10 | Fill: 4" Concrete | 10 | | | | | RI-SB-15W (10-10.5) | | 0.0 | Refusal at 10' (possible foundational element) Retry on 8/15 with bigger rig |
| | | Brown to orange-tan coarse to fine SAND, little medium fine Gravel, trace Silt | | 3 | | 34 | Dry | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 45 | Dry | RI-SB-15W (16-16.5) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-16



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine Sand and medium to fine Gravel, trace Silt | | | | | | RI-SB-16 (0.5-1) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 1 | | 20 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Brick | | | | | | | | | |
| | | Fill: Concrete | | 2 | | 45 | | | | 0.0 | |
| | | Fill: Brown coarse to fine Sand and medium to fine Gravel, trace Silt, with concrete fragments | | | | | Dry | RI-SB-16 (8.5-9) | | 0.0 | No odors, no staining |
| | -10 | Fill: Brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with concrete fragments | 10 | | | | | | | 0.0 | Refusal at 10' (possible foundational element) Retry on 8/14 with larger rig |
| | | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | 3 | | 54 | | RI-SB-16 (11.5-12) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 28 | | RI-SB-16 (15.5-16) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-16N



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorozak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: 4" Concrete | | | | | | | | | |
| | | Fill: Brown-light brown medium to fine SAND, some medium to fine Gravel, trace Silt, with concrete, metal and brick fragments | | | | | | RI-SB-16N (0.5-1) | | 0.0 | Biased to fill |
| | | | | | | | | RI-SB-16N (11.5-12) | | 0.0 | |
| | | | | 1 | | 51 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | | | 2 | | 58 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Brown to light brown medium to fine SAND, some medium to fine Gravel, trace Silt, with concrete and brick fragments | | | | | | RI-SB-16N (8.5-9) | | 0.0 | Refusal at 10' (possible foundational element) Retry on 8/15 with a bigger rig |
| | | Fill: Concrete chips | | | | | | | | | |
| | -10 | Fill: Brown medium to fine SAND, some medium to fine Gravel, trace Silt, with concrete fragments | 10 | | | | | | | 0.0 | |
| | | | | 3 | | 31 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | Orange-brown to tan coarse to fine SAND, little fine Gravel, trace Silt | 15 | | | | | RI-SB-16N (15.5-16) | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | | | | 4 | | 38 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-16S



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Rec. (in) | Moisture | Environmental Soil Sample Name | Blows/6-in Core time/ft | PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown medium to fine SAND, little medium to fine Gravel, trace Silt | | 1 | | 14 | Moist | RI-SB-16S (0.5-1) | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | | |
| | | Fill: Concrete | | | | | | | | | |
| | | Fill: Brown medium to fine SAND, little medium to fine Grave, trace Silt, with asphalt fragments | | 2 | | 45 | Dry | RI-SB-16S (8.5-9) | | 0.0 | No odors, no staining |
| | -10 | Fill: Concrete | 10 | | | | | | | Fill0.0 | |
| | | Fill: Dark brown to brown medium to fine SAND, little medium to fine Gravel, little Silt, with brick and asphalt fragments | | 3 | | 37 | Moist | RI-SB-16S (11.5-12) | | 0.0 | No odors, no staining |
| | -15 | Orange-brown coarse to fine SAND, little medium to fine Gravel, trace Silt | 15 | | | | | RI-SB-16S (15.5-16) | | 0.0 | |
| | | | | 4 | | 55 | Dry | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-16E



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | | Fill: Dark brown coarse to fine SAND, some fine Gravel, little Silt, with brick fragments | | | | | Dry | RI-SB-16E (0.5-1) | | 0.0 | No odors, no staining |
| | | Fill: Brown medium to fine SAND, some medium to fine Gravel, little Silt, with asphalt, brick and concrete fragments | | 1 | | 33 | Moist | | | 0.0 | |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | | | 2 | | 31 | | | | 0.0 | |
| | | | | | | | | RI-SB-16E (8.5-9) | | 0.0 | |
| | -10 | | 10 | | | | | | | 0.0 | Refusal at 10' (possible foundational element) |
| | | Brown to orange brown coarse to fine SAND, little medium to fine Gravel, trace Silt | | | | | | | | 0.0 | Retry 8/15 with bigger rig |
| | | | | | | | | RI-SB-15 (11.5-12) | | 0.0 | |
| | | | | 3 | | 34 | Moist | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | Orange -brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | | | | | | RI-SB-15 (15.5-16) | | 0.0 | |
| | | | | 4 | | 12 | Dry | | | 0.0 | No odors, no staining |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-16W



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-12-2025 **COMPLETED** 08-14-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R.Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown coarse to fine Sand and medium to fine Gravel, trace Silt silt, with mulch, concrete and brick fragments | | | | | Dry | RI-SB-16W (0.5-1) | | 0.0 | No odors, no staining |
| | | Fill: Concrete | | 1 | | 46 | | | | 0.0 | |
| | | Fill: Brown coarse to fine Sand and medium to fine Gravel, trace Silt, with concrete and brick fragments | | | | | Dry | | | 0.0 | No odors, no staining |
| | -5 | | 5 | | | | | | | 0.0 | |
| | | Fill: Brown medium to fine Sand and medium to fine Gravel, trace Silt, with concrete fragments | | | | | Dry | | | 0.0 | No odors, no staining |
| | | Fill: Concrete | | 2 | | 51 | | | | 0.0 | |
| | | Fill: Brown medium to fine Sand and medium to fine Gravel, trace Silt, with concrete fragments | | | | | Dry | RI-SB-16W (8.5-9) | | 0.0 | No odors, no staining |
| | | Fill: Concrete | | | | | | | | 0.0 | Refusal at 10' (possible foundational element) |
| | -10 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 10 | | | | | | | 0.0 | Retry on 8/14 with larger rig |
| | | | | | | | | RI-SB-16W (11.5-12) | | 0.0 | |
| | | | | 3 | | 48 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -15 | | 15 | | | | Dry | | | 0.0 | |
| | | | | | | | | RI-SB-16W (15.5-16) | | 0.0 | |
| | | | | 4 | | 27 | | | | 0.0 | |
| | | | | | | | | | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-17



**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-13-2025 **COMPLETED** 08-15-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Brown to light brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with mulch, plastic, asphalt, brick and concrete fragments | | 1 | | 42 | Dry | RI-SB-17 (3.5-4, dup1) | | 0.0 | No odors, no staining |
| | -5 | Fill: Concrete | 5 | | | | | | | 0.0 | |
| | | Fill: Brown to light brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with masonry, brick, metal and concrete fragments | | 2 | | 51 | | RI-SB-17 (5.5-6) | | 0.0 | No odors, no staining |
| | -10 | Orange -brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 10 | | | | | | | 0.0 | Retried on 8/15 |
| | | | | 3 | | 37 | Dry | RI-SB-17 (12.5-13) | | 0.0 | No odors, no staining |
| | -15 | | 15 | | | | | | | 0.0 | |
| | | | | 4 | | 39 | Dry | RI-SB-17 (17.5-18) | | 0.0 | No odors, no staining |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

SESI CONSULTING ENGINEERS
GEOTECHNICAL | ENVIRONMENTAL | SITE CIVIL

# BOREHOLE NUMBER: RI-SB-18

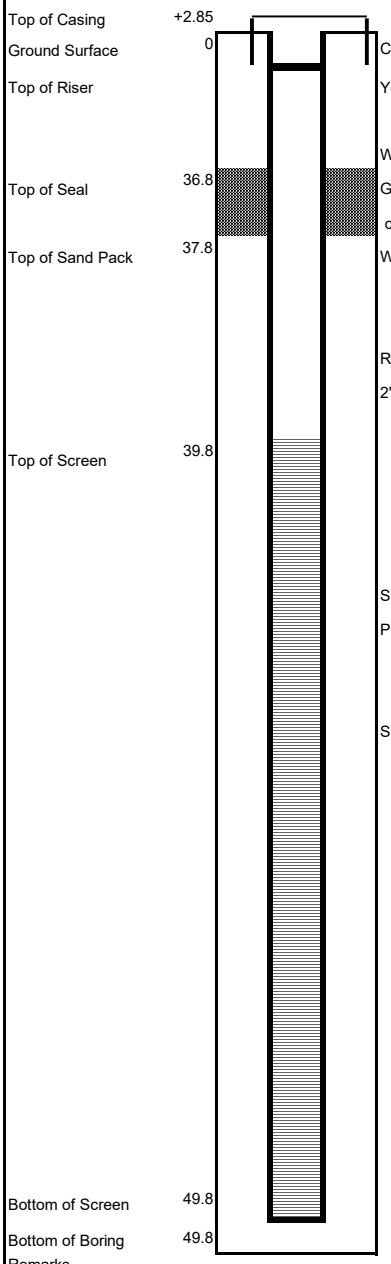


**PROJECT NAME** Archer II Development
**PROJECT NO.** 12914
**DATE STARTED** 08-18-2025 **COMPLETED** 08-18-2025
**DRILLING CONTRACTOR**
**SAMPLER**
**EQUIPMENT**
**DRILLING FOREMAN** **HELPER**
**LOGGED BY** R. Reynoso **CHECKED BY** M. Chorazak
**LATITUDE** **LONGITUDE**

**PROJECT LOCATION** 163-25 Archer Avenue, Jamaica, New York
**ELEVATION DATUM** **GROUND ELEVATION**
**DRILLING METHOD**
**SAMPLE HAMMER**
**AUGER INNER DIAMETER** **OUTER DIAMETER**
**ROTARY BIT DIAMETER** **DEPTH TO GROUNDWATER:**
**CASING DIAMETER** ▽ **AT TIME OF DRILLING**
**CASING DEPTH** ▼ **AT END OF DRILLING**
**FINAL DEPTH** 20.0± ft ▼ **AFTER DRILLING**

| Material Symbol | EL (ft) | Sample Description | Depth (ft) | Sleeve Number | Sample Data: Type | Sample Data: Rec. (in) | Sample Data: Moisture | Sample Data: Environmental Soil Sample Name | Sample Data: Blows/6-in Core time/ft | Sample Data: PID (ppm) | Remarks |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Fill: Concrete | | | | | | | | | |
| | | Fill: Brown coarse to fine SAND, some coarse to fine Gravel, little Silt, with brick, asphalt, concrete and metal fragments | | 1 | | 47 | | RI-SB-18 (2.5-3) | | 0.0 | |
| | | Fill: Concrete | | | | | | | | 0.0 | |
| | -5 | Orange-brown to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 5 | 2 | | 43 | | RI-SB-18 (7.5-8) | | 0.0 | |
| | -10 | | 10 | 3 | | 52 | | RI-SB-18 (12.5-13) | | 0.0 | |
| | -15 | | 15 | 4 | | 34 | | RI-SB-18 (17.5-18) | | 0.0 | |
| | -20 | BOREHOLE COMPLETED AT 20± FEET | 20 | | | | | | | 0.0 | |
| | -25 | | 25 | | | | | | | | |
| | -30 | | 30 | | | | | | | | |

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-1 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8.15.25 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8.18.25 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8.18.25 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |

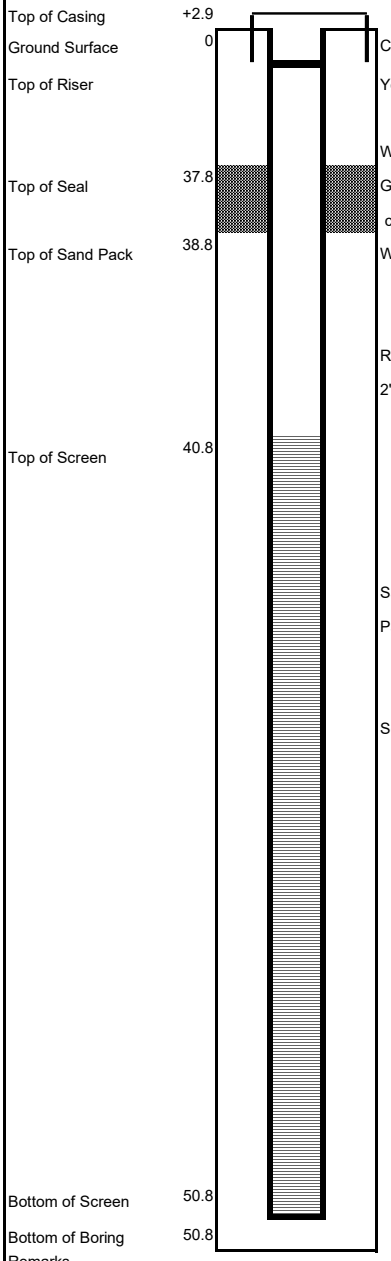



| DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | (0-10)' Fill: Gray to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete, metal fragments. | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 5 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 10 | | | | | | | | 0 |
| | | | | | | | (10-50) Orange to tan coarse to fine SAND, little medium to fine Gravel, trace Silt | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 15 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 20 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 25 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 30 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 35 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 50 | | | | | | | | 0 |

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-2 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8.18.25 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8.18.25 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8.18.25 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |

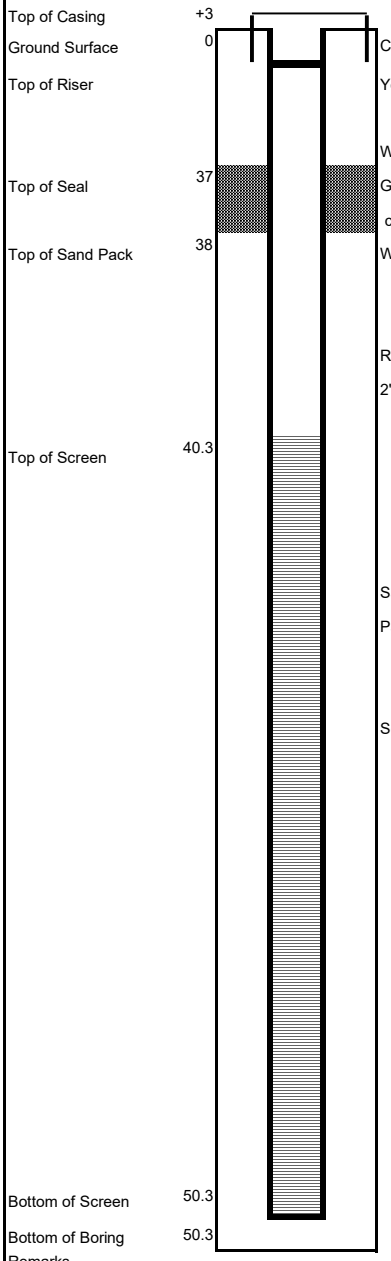



| DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|
| 0 | | | | | | | (0-10)' Fill: Gray to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete, and metal fragments. | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 5 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 10 | | | | | | | | 0 |
| | | | | | | | (10-30) Orange to tan coarse to fine SAND, little fine Gravel, trace Silt. | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 15 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 20 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 25 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 30 | | | | | | | | 0 |
| | | | | | | | (30-50) Orange to tan coarse to fine SAND, little medium to fine Gravel, trace Silt. | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 35 | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| | | | | | | | | 0 |
| 50 | | | | | | | | 0 |

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-3 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8.18.25 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8.18.25 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8.18.25 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |

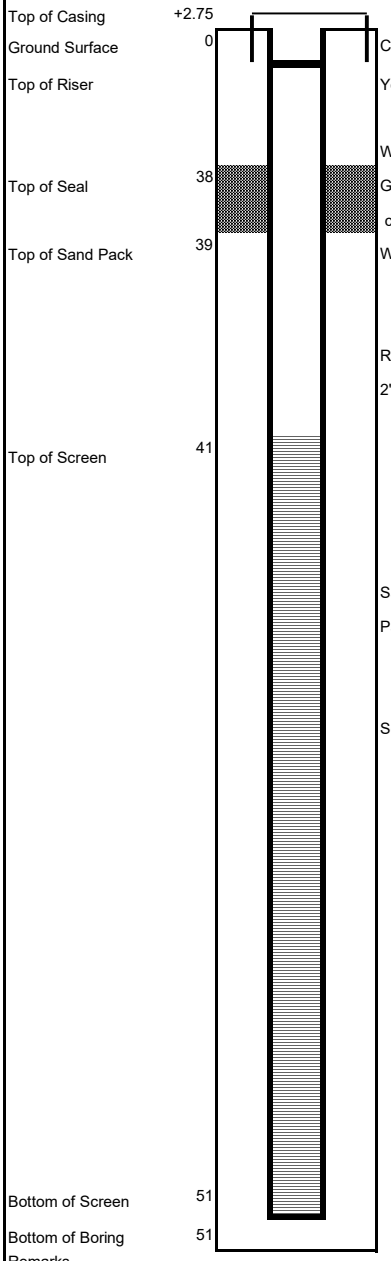



| WELL CONSTRUCTION | DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|---|
| | 0 | | | | | | | (0-10)' Fill: Gray to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete, metal fragments | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 5 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 10 | | | | | | | | 0 |
| | | | | | | | | (10-35) Orange to tan coarse to fine SAND, little medium to fine Gravel, trace Silt. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 15 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 20 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 25 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 30 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 35 | | | | | | | | 0 |
| | | | | | | | | (35-50) Orange to tan coarse to fine SAND, little medium to fine Gravel, trace Silt. Some moisture. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 50 | | | | | | | | 0 |

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-4 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8.19.25 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8.19.25 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8.19.25 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |




| WELL CONSTRUCTION | DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|---|
| | 0 | | | | | | | (0-10 )'Fill: Dark brown to brown coarse to fine Sand and coarse to fine Gravel, trace Silt, with asphalt, brick, concrete, metal fragments | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 5 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 10 | | | | | | | | 0 |
| | | | | | | | | (10-35) Orange to tan coarse to fine SAND, little medium to fine Gravel. Dry. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 15 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 20 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 25 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 30 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 35 | | | | | | | | 0 |
| | | | | | | | | (35-50) Orange to tan coarse to fine SAND, little medium to fine Gravel. Some moisture. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 40 | | | | | | | | 0 |

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-5 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8.19.25 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8.19.25 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8.19.25 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |

| WELL CONSTRUCTION | DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|---|
| | 0 | | | | | | | (0-10 )'Fill: Dark brown to brown coarse to fine SAND, some coarse to fine Gravel, trace Silt, with asphalt, brick, concrete, metal fragments | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 5 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 10 | | | | | | | | 0 |
| | | | | | | | | (10-35) Orange to tan coarse to fine SAND, little medium to fine Gravel. Dry. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 15 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 20 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 25 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 30 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 35 | | | | | | | | 0 |
| | | | | | | | | (35-50) Orange to tan coarse to fine SAND, little medium to fine Gravel. Some moisture. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 40 | | | | | | | | 0 |

Depth (feet below grade)

Top of Casing +2.9
Ground Surface 0
Top of Riser
Top of Seal 37.6
Top of Sand Pack 38.6
Top of Screen 40.6
Bottom of Screen 50.6
Bottom of Boring 50.6
Remarks

Casing Type:
Yellow stickup
Well Cap: J Plug
Grout Type: Bentonite
chips, Portland Cement
Well Key: N/A
Riser Pipe:
2" Ø Schd. 40 PVC
Sand/Gravel
Pack Size:No.2 sand
Screen Size: 20 slot

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

| SESI CONSULTING ENGINEERS | PROJECT NAME: Archer Towers LLC | | | | | BORING ID/MONITORING WELL ID | RI-MW-6 |
|---|---|---|---|---|---|---|---|
| | PROJECT LOCATION: 163-25 Archer Ave | | | | | JOB NO. | 12914 |
| | Queens NY | | | | | GROUND ELEVATION: | |
| BORING BY: PG Environmental | DATE STARTED | 8 19 2025 | DEVELOPMENT PERIOD | | 15-20 min | INSIDE CASING DIAMETER (in) | 4 |
| Ronnie Reynoso Gomez | DATE COMPLETED | 8 19 2025 | DEVELOPMENT METHOD | | Pump | BOREHOLE DIAMETER (in) | 4 |
| NJ DEP PERMIT NO.: | DATE DEVELOPED | 8 19 2025 | DEVELOPMENT RATE | | N/A | INITIAL WATER LEVEL (ft): | |

| WELL CONSTRUCTION | DEPTH (ft) | Sample | Blows on Spoon 0/6 | 6/12 | 12/18 | 18/24 | REC (in) | SOIL DESCRIPTION AND STRATIFICATION | P.I.D. |
|---|---|---|---|---|---|---|---|---|---|
| | 0 | | | | | | | (0-10 )' Fill: Gray to brown coarse to fine SAND, some coarse to fine Gravel, little Silt, with asphalt, brick, concrete, metal fragments. | 0 |
| Depth (feet below grade) | | | | | | | | | 0 |
| Top of Casing +2.85 | | | | | | | | | 0 |
| Ground Surface 0 | | | | | | | | | 0 |
| Top of Riser | | | | | | | | | 0 |
| | 5 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Top of Seal 37.1 | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Top of Sand Pack 38.1 | | | | | | | | | 0 |
| | 10 | | | | | | | | 0 |
| | | | | | | | | (10-35) Orange to tan coarse to fine SAND, little medium to fine Gravel. Dry. | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| Top of Screen 40.1 | 15 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 20 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 25 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 30 | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | | | | | | | | | 0 |
| | 35 | | | | | | | | 0 |
| | | | | | | | | (35-50) Orange to tan coarse to fine SAND, little medium to fine Gravel. Some moisture. | 0 |
| Bottom of Screen 50.1 | | | | | | | | | 0 |
| Bottom of Boring 50.1 | | | | | | | | | 0 |
| Remarks | | | | | | | | | 0 |
| | 40 | | | | | | | | 0 |

Casing Type: Yellow stickup

Well Cap: J Plug

Grout Type: Bentonite chips, Portland Cement

Well Key: N/A

Riser Pipe: 2" Ø Schd. 40 PVC

Sand/Gravel Pack Size:No.2 sand

Screen Size: 20 slot

Approximate Change in Strata: _____ Inferred Change in Strata: _ _ _ _ _ _ _ _ _ _ _ _

The subsurface information shown hereon was obtained for the design and estimating purposes for our client. It is made available to authorized users only that they may have access to the same information available to our client. It is presented in good faith, but it is not intended as a substitute for investigations, interpretations or judgment of such authorized users. Information on the logs should not be relied upon without the geotechnical engineers recommendations contained in the report from which these logs were extracted. Soil descriptions represent a field identification after D. M. Burmister unless otherwise noted.

# Appendix D:

## Groundwater Purge Logs

# LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-1 | | | |
| Personnel: | James Blind | | | Date: | 9/22/2025 | | | | |
| | | | | PID: | 0.0 | | | | |

| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
|---|---|---|---|---|---|---|---|---|---|
| | | 49.8 | NE | 33.0 | 17 | 41.5 | 45 | | Peristaltic |

| Turbidity at collection (NTU): | 52.5 | (Less than 5 NTU is desirable) | Duplicate Collected? Y/N | | | Filtered Sample Y/N | |
|---|---|---|---|---|---|---|---|

| Stabilization Parameters | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |
|---|---|---|---|---|---|---|---|---|

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 8:50 | 17.31 | 6.15 | 0.763 | 91.5 | 1 | 102 | 38.5 | Slight |
| | 8:55 | 17.16 | 7.2 | 0.767 | 56.3 | -15 | 58.2 | 38.5 | Slight |
| | 9:00 | 16.95 | 7.16 | 0.767 | 42.1 | -21 | 54.3 | 38.5 | Slight |
| | 9:05 | 16.82 | 7.21 | 0.741 | 42.5 | -3 | 52.8 | 38.5 | Slight |
| | 9:10 | 17.01 | 7.05 | 0.743 | 40.2 | -22 | 51.2 | 38.5 | Slight |
| | 9:15 | 16.95 | 7.11 | 0.74 | 36.2 | -5 | 49.8 | 38.5 | Slight |
| | 9:20 | 16.87 | 7.18 | 0.742 | 29.5 | -21 | 50.1 | 38.5 | Slight |
| | 9:25 | 16.92 | 7.21 | 0.742 | 32.1 | -28 | 58.9 | 38.5 | Slight |
| | 9:30 | 16.85 | 7.2 | 0.741 | 20.3 | -6 | 104 | 38.5 | Slight |
| | 9:35 | 17 | 7.18 | 0.741 | 16.4 | -21 | 52.1 | 38.5 | Slight |
| | 9:40 | 16.83 | 7.23 | 0.741 | 12.8 | -17 | 50.9 | 38.5 | Slight |
| | 9:45 | 16.87 | 7.16 | 0.741 | 15 | -15 | 52.5 | 38.5 | Slight |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N | |
|---|---|---|---|---|---|

**Sample Collection Information**

| Sample Time: | 10:00 | Appearance: | Filtered Sample Turbidity: | OTHER: |
|---|---|---|---|---|

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
|---|---|---|---|---|---|---|---|
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-2 | | | |
| Personnel: | James Blind | | | Date: | 9/22/2025 | | | | |
| | | | | PID: | 0.0 | | | | |

| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
|---|---|---|---|---|---|---|---|---|---|
| | | 50.2 | NE | 31.2 | 18.8 | 40.6 | 45 | | Peristaltic |

| Turbidity at collection (NTU): | 28.9 | (Less than 5 NTU is desirable) | Duplicate Collected? Y/N | Filtered Sample Y/N |
|---|---|---|---|---|

| Stabilization Parameters | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |
|---|---|---|---|---|---|---|---|---|

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 11:15 | 19.46 | 7.23 | 0.697 | 39.2 | 9 | 40.1 | 36.3 | Slight |
| | 11:20 | 18.52 | 6.93 | 0.597 | 29.6 | 61 | 39.2 | 36.3 | Slight |
| | 11:25 | 17.32 | 6.96 | 0.599 | 27.2 | 64 | 37.2 | 36.3 | Slight |
| | 11:30 | 17.16 | 6.82 | 0.692 | 29.6 | 64 | 37.9 | 36.3 | Slight |
| | 11:35 | 17.14 | 6.93 | 0.652 | 39.5 | 64 | 45.8 | 36.3 | Slight |
| | 11:40 | 16.95 | 6.79 | 0.649 | 40.6 | 62 | 32.6 | 36.3 | Slight |
| | 11:45 | 16.87 | 6.81 | 0.625 | 28.2 | 79 | 27.6 | 36.3 | Slight |
| | 11:50 | 16.91 | 6.81 | 0.62 | 26.7 | 73 | 28.9 | 36.3 | Slight |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N | |
|---|---|---|---|---|---|

**Sample Collection Information**

| Sample Time: | 12:00 | Appearance: | Filtered Sample Turbidity: | OTHER: |
|---|---|---|---|---|

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
|---|---|---|---|---|---|---|---|
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-3 | | | |
| Personnel: | James Blind | | | Date: | 9/22/2025 | | | | |
| | | | | PID: | 0.0 | | | | |

| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
|---|---|---|---|---|---|---|---|---|---|
| | | 50.8 | NE | 32.1 | 17.9 | 41.05 | 45 | | Peristaltic |

| Turbidity at collection (NTU): | 27.6 | (Less than 5 NTU is desirable) | Duplicate Collected? Y/N | Filtered Sample Y/N |
|---|---|---|---|---|

| Stabilization Parameters | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |
|---|---|---|---|---|---|---|---|---|

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 12:30 | 19.66 | 7.1 | 0.65 | 45.3 | 90 | 27.2 | 32.1 | Slight |
| | 12:35 | 17.93 | 6.93 | 0.745 | 39.3 | 105 | 28.3 | 32.1 | Slight |
| | 12:40 | 17.74 | 6.83 | 0.746 | 32.1 | 105 | 25.4 | 32.1 | Slight |
| | 12:45 | 17.68 | 6.88 | 0.761 | 35.2 | 113 | 26.2 | 32.1 | Slight |
| | 12:50 | 17.91 | 6.76 | 0.771 | 31.4 | 120 | 27.1 | 32.1 | Slight |
| | 12:55 | 17.89 | 6.71 | 0.77 | 29.8 | 123 | 27.5 | 32.1 | Slight |
| | 13:00 | 17.17 | 6.75 | 0.77 | 31 | 121 | 27.4 | 32.1 | Slight |
| | 13:05 | 16.95 | 6.71 | 0.772 | 29 | 124 | 28.5 | 32.1 | Slight |
| | 13:10 | 17.01 | 6.71 | 0.772 | 30 | 126 | 27.6 | 32.1 | Slight |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N | |
|---|---|---|---|---|---|

**Sample Collection Information**

| Sample Time: | 13:20 | Appearance: | Filtered Sample Turbidity: | OTHER: |
|---|---|---|---|---|

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
|---|---|---|---|---|---|---|---|
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-4 | | | |
| Personnel: | James Blind | | | Date: | 9/22/2025 | | | | |
| | | | | PID: | 0.0 | | | | |

| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
|---|---|---|---|---|---|---|---|---|---|
| | | 50.8 | NE | 35.9 | 14.1 | 42.95 | 45 | | Peristaltic |

| Turbidity at collection (NTU): | 24.9 | (Less than 5 NTU is desirable) | Duplicate Collected? Y/N | Filtered Sample Y/N |
|---|---|---|---|---|

| Stabilization Parameters | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |
|---|---|---|---|---|---|---|---|---|

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 14:00 | 18.91 | 7.17 | 0.856 | 41 | 62 | 22 | 35.9 | N |
| | 14:05 | 16.91 | 7.32 | 0.884 | 21.8 | 41 | 25.1 | 35.9 | N |
| | 14:10 | 16.93 | 7.32 | 0.889 | 19.8 | 42 | 26.3 | 35.9 | N |
| | 14:15 | 16.89 | 7.24 | 0.894 | 11.3 | 47 | 24.6 | 35.9 | N |
| | 14:20 | 16.95 | 7.18 | 0.894 | 12.8 | 51 | 25.6 | 35.9 | N |
| | 14:25 | 16.89 | 7.16 | 0.894 | 11.9 | 51 | 24.9 | 35.9 | N |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N | |
|---|---|---|---|---|---|

**Sample Collection Information**

| Sample Time: | 14:35 | Appearance: | Filtered Sample Turbidity: | OTHER: |
|---|---|---|---|---|

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
|---|---|---|---|---|---|---|---|
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-5 | | | |
| Personnel: | James Blind | | | Date: | 9/23/2025 | SESI CONSULTING ENGINEERS | | | |
| | | | | PID: | 0.0 | | | | |
| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
| | | 50.1 | NE | 39.8 | 10.2 | 44.9 | 45 | | Peristaltic |
| Turbidity at collection (NTU): | | 18.9 | (Less than 5 NTU is desirable) | | Duplicate Collected? Y/N | | | Filtered Sample Y/N | |
| Stabilization Parameters | | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 8:10 | 19.18 | 5.14 | 0.78 | 92.4 | 269 | 428 | 39.8 | N |
| | 8:15 | 17.28 | 5.38 | 0.773 | 57.8 | 233 | 168 | 39.8 | N |
| | 8:20 | 16.42 | 5.97 | 0.747 | 53.8 | 205 | 26.5 | 39.8 | N |
| | 8:25 | 16.21 | 6.25 | 0.742 | 51.0 | 198 | 16.2 | 39.8 | N |
| | 8:30 | 16.23 | 6.43 | 0.726 | 50.0 | 189 | 18.9 | 39.8 | N |
| | 8:35 | 16.19 | 6.58 | 0.725 | 47.9 | 183 | 18 | 39.8 | N |
| | 8:40 | 16.82 | 6.78 | 0.723 | 46.9 | 170 | 20.7 | 39.8 | N |
| | 8:45 | 16.81 | 6.76 | 0.723 | 45.1 | 170 | 22.9 | 39.8 | N |
| | 8:50 | 16.85 | 6.77 | 0.723 | 45.0 | 170 | 18.9 | 39.8 | N |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| | | | | |
|---|---|---|---|---|
| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N |

**Sample Collection Information**

| | | | | |
|---|---|---|---|---|
| Sample Time: | 9:00 | Appearance: | Filtered Sample Turbidity: | OTHER: |

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

## LOW-FLOW GROUNDWATER SAMPLING LOG

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Location: | Jamaica, New York | | | Job Number: | 12914 | WELL I.D. : RI-MW-6 | | | |
| Personnel: | James Blind | | | Date: | 9/23/2025 | SESI CONSULTING ENGINEERS | | | |
| | | | | PID: | 0.0 | | | | |
| Stickup? Y/N<br>Distance ground to Stickup Rim/PVC | Distance From Rim to PVC | Total Depth of Well Rim/PVC | Depth to Product Rim/PVC | Depth to Water (Rim/PVC) | Standing Water Column (feet) | Middle of Saturated Zone (feet) | Depth to Sample Tube (feet) | TOV @ Well Head (ppmv) | Pump Peristaltic or Bladder |
| | | 50.5 | NE | 39.0 | 11 | 44.5 | 45 | | Peristaltic |
| Turbidity at collection (NTU): | | 22.9 | (Less than 5 NTU is desirable) | | Duplicate Collected? Y/N | | | Filtered Sample Y/N | |
| Stabilization Parameters | | +/- 0.5 deg C. | +/- 0.1 Unit | +/- 10 umhos/cm or within 3% if >300umho | 1 ppm | +/- 10 mV | No Limit | <.3 feet drawdown desirable | No Limit |

| Volume Purged (gallons) | Time (actual Time) 5 minute Intervals | TEMP. (Deg. C) | pH | Specific Conductivity uS/cm | Dissolved Oxygen (mg/L) | ORP mV millivolts | Turbidity NTUs | DTW (feet) | Odors Y/N |
|---|---|---|---|---|---|---|---|---|---|
| | 10:00 | 17.28 | 6.78 | 0.677 | 34.4 | 123 | 35.8 | 39.0 | N |
| | 10:05 | 17.32 | 6.73 | 0.677 | 31.3 | 119 | 28.7 | 39.0 | N |
| | 10:10 | 17.10 | 6.74 | 0.678 | 23.2 | 122 | 24.5 | 39.0 | N |
| | 10:15 | 16.96 | 6.72 | 0.678 | 22.1 | 123 | 23.1 | 39.0 | N |
| | 10:20 | 16.91 | 6.65 | 0.678 | 22.0 | 125 | 22.0 | 39.0 | N |
| | 10:25 | 16.88 | 6.65 | 0.676 | 21.9 | 125 | 21.8 | 39.0 | N |
| | 10:30 | 16.94 | 6.65 | 0.676 | 21.8 | 125 | 23.5 | 39.0 | N |
| | 10:35 | 16.88 | 6.64 | 0.676 | 21.9 | 125 | 24.2 | 39.0 | N |
| | 10:40 | 16.90 | 6.64 | 0.676 | 20.6 | 126 | 22.9 | 39.0 | N |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

**Well Condition Summary**

| | | | | | |
|---|---|---|---|---|---|
| Cover: Y / N | Bolts: Y / N | | Concrete Pad OK: Y / N | Gripper: Y / N | |

**Sample Collection Information**

| | | | | |
|---|---|---|---|---|
| Sample Time: | 10:50 | Appearance: | Filtered Sample Turbidity: | OTHER: |

Desired purge flow rate <100mL/min (slow drip) & turbidity <10 if possible. If turbidity > 10 collect filtered and unfiltered samples. Notify PM of high turbidity and collection of filtered samples prior to lab submittal. Minimum 20 minute purge to establish stabilization.

Notes/ Calculations:

Volume? Linear Ft of well casing; 1"=0.041 gal. 2"= 0.163 gal. 4"=0.653 gal.

**ABSORBENT SOCK**

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Sock Length (ft) = | | Capacity (Qt.) = | | Present: | Y / N | Product Measured (Inches) : | |
| Sock Installation Date: | | | Sock Changed : | | Y / N | | |
| Sock Depth (Depth to sock mid point): | | | | | | | |

# Appendix E:

## Laboratory Analytical Results

# Appendix F:

## Data Usability Summary Reports

# Appendix G:

## Fish and Wildlife Analysis

| Appendix 3C<br>Fish and Wildlife Resources Impact Analysis Decision Key | | If YES Go to: | If NO Go to: |
|---|---|---|---|
| 1. | Is the site or area of concern a discharge or spill event? | 13 | 2 |
| 2. | Is the site or area of concern a point source of contamination to the groundwater which will be prevented from discharging to surface water? Soil contamination is not widespread, or if widespread, is confined under buildings and paved areas. | 13 | 3 |
| 3. | Is the site and all adjacent property a developed area with buildings, paved surfaces and little or no vegetation? | 4 | 9 |
| 4. | Does the site contain habitat of an endangered, threatened or special concern species? | Section 3.10.1 | 5 |
| 5. | Has the contamination gone off-site? | 6 | 14 |
| 6. | Is there any discharge or erosion of contamination to surface water or the potential for discharge or erosion of contamination? | 7 | 14 |
| 7. | Are the site contaminants PCBs, pesticides or other persistent, bioaccumulable substances? | Section 3.10.1 | 8 |
| 8. | Does contamination exist at concentrations that could exceed ecological impact SCGs or be toxic to aquatic life if discharged to surface water? | Section 3.10.1 | 14 |
| 9. | Does the site or any adjacent or downgradient property contain any of the following resources?<br>i. Any endangered, threatened or special concern species or rare plants or their habitat<br>ii. Any DEC designated significant habitats or rare NYS Ecological Communities<br>iii. Tidal or freshwater wetlands<br>iv. Stream, creek or river<br>v. Pond, lake, lagoon<br>vi. Drainage ditch or channel<br>vii. Other surface water feature<br>viii. Other marine or freshwater habitat<br>ix. Forest<br>x. Grassland or grassy field<br>xi. Parkland or woodland<br>xii. Shrubby area<br>xiii. Urban wildlife habitat<br>xiv. Other terrestrial habitat | 11 | 10 |
| 10. | Is the lack of resources due to the contamination? | 3.10.1 | 14 |
| 11. | Is the contamination a localized source which has not migrated and will not migrate from the source to impact any on-site or off-site resources? | 14 | 12 |
| 12. | Does the site have widespread surface soil contamination that is not confined under and around buildings or paved areas? | Section 3.10.1 | 12 |
| 13. | Does the contamination at the site or area of concern have the potential to migrate to, erode into or otherwise impact any on-site or off-site habitat of endangered, threatened or special concern species or other fish and wildlife resource? (See #9 for list of potential resources. Contact DEC for information regarding endangered species.) | Section 3.10.1 | 14 |
| 14. | No Fish and Wildlife Resources Impact Analysis needed. | | |

# Appendix H:

## Community Air Monitoring Data

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.01 | | |
| 120 | 0.01 | | |
| 180 | 0.01 | | |
| 240 | 0.009 | | |
| 300 | 0.009 | | |
| 360 | 0.009 | | |
| 420 | 0.009 | | |
| 480 | 0.008 | | |
| 540 | 0.008 | | |
| 600 | 0.008 | | |
| 660 | 0.008 | | |
| 720 | 0.007 | | |
| 780 | 0.007 | | |
| 840 | 0.008 | | |
| 900 | 0.009 | | |
| 960 | 0.008 | | |
| 1020 | 0.009 | | |
| 1080 | 0.011 | | |
| 1140 | 0.009 | | |
| 1200 | 0.008 | | |
| 1260 | 0.008 | | |
| 1320 | 0.008 | | |
| 1380 | 0.007 | | |
| 1440 | 0.008 | | |
| 1500 | 0.01 | | |
| 1560 | 0.008 | | |
| 1620 | 0.009 | | |
| 1680 | 0.008 | | |
| 1740 | 0.01 | | |
| 1800 | 0.009 | | |
| 1860 | 0.011 | | |
| 1920 | 0.007 | | |
| 1980 | 0.008 | | |
| 2040 | 0.008 | | |
| 2100 | 0.008 | | |
| 2160 | 0.008 | | |
| 2220 | 0.009 | | |
| 2280 | 0.009 | | |
| 2340 | 0.008 | | |
| 2400 | 0.009 | | |
| 2460 | 0.01 | | |
| 2520 | 0.009 | | |
| 2580 | 0.008 | | |
| 2640 | 0.009 | | |
| 2700 | 0.009 | | |
| 2760 | 0.009 | | |
| 2820 | 0.009 | | |
| 2880 | 0.008 | | |
| 2940 | 0.008 | | |
| 3000 | 0.008 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.008 | | |
| 3120 | 0.009 | | |
| 3180 | 0.008 | | |
| 3240 | 0.009 | | |
| 3300 | 0.009 | | |
| 3360 | 0.009 | | |
| 3420 | 0.01 | | |
| 3480 | 0.01 | | |
| 3540 | 0.01 | | |
| 3600 | 0.01 | | |
| 3660 | 0.01 | | |
| 3720 | 0.011 | | |
| 3780 | 0.011 | | |
| 3840 | 0.01 | | |
| 3900 | 0.01 | | |
| 3960 | 0.01 | | |
| 4020 | 0.01 | | |
| 4080 | 0.011 | | |
| 4140 | 0.011 | | |
| 4200 | 0.011 | | |
| 4260 | 0.011 | | |
| 4320 | 0.012 | | |
| 4380 | 0.013 | | |
| 4440 | 0.011 | | |
| 4500 | 0.011 | | |
| 4560 | 0.011 | | |
| 4620 | 0.012 | | |
| 4680 | 0.012 | | |
| 4740 | 0.013 | | |
| 4800 | 0.013 | | |
| 4860 | 0.012 | | |
| 4920 | 0.012 | | |
| 4980 | 0.012 | | |
| 5040 | 0.012 | | |
| 5100 | 0.012 | | |
| 5160 | 0.012 | | |
| 5220 | 0.013 | | |
| 5280 | 0.013 | | |
| 5340 | 0.013 | | |
| 5400 | 0.013 | | |
| 5460 | 0.012 | | |
| 5520 | 0.012 | | |
| 5580 | 0.012 | | |
| 5640 | 0.014 | | |
| 5700 | 0.013 | | |
| 5760 | 0.014 | | |
| 5820 | 0.017 | | |
| 5880 | 0.014 | | |
| 5940 | 0.014 | | |
| 6000 | 0.014 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.014 | | |
| 6120 | 0.014 | | |
| 6180 | 0.014 | | |
| 6240 | 0.015 | | |
| 6300 | 0.015 | | |
| 6360 | 0.014 | | |
| 6420 | 0.014 | | |
| 6480 | 0.015 | | |
| 6540 | 0.015 | | |
| 6600 | 0.018 | | |
| 6660 | 0.016 | | |
| 6720 | 0.015 | | |
| 6780 | 0.014 | | |
| 6840 | 0.014 | | |
| 6900 | 0.014 | | |
| 6960 | 0.014 | | |
| 7020 | 0.015 | | |
| 7080 | 0.015 | | |
| 7140 | 0.014 | | |
| 7200 | 0.015 | | |
| 7260 | 0.015 | | |
| 7320 | 0.015 | | |
| 7380 | 0.015 | | |
| 7440 | 0.015 | | |
| 7500 | 0.015 | | |
| 7560 | 0.015 | | |
| 7620 | 0.015 | | |
| 7680 | 0.015 | | |
| 7740 | 0.015 | | |
| 7800 | 0.015 | | |
| 7860 | 0.015 | | |
| 7920 | 0.015 | | |
| 7980 | 0.018 | | |
| 8040 | 0.021 | | |
| 8100 | 0.019 | | |
| 8160 | 0.017 | | |
| 8220 | 0.016 | | |
| 8280 | 0.015 | | |
| 8340 | 0.015 | | |
| 8400 | 0.015 | | |
| 8460 | 0.015 | | |
| 8520 | 0.016 | | |
| 8580 | 0.015 | | |
| 8640 | 0.016 | | |
| 8700 | 0.016 | | |
| 8760 | 0.016 | | |
| 8820 | 0.017 | | |
| 8880 | 0.017 | | |
| 8940 | 0.017 | | |
| 9000 | 0.017 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.016 | | |
| 9120 | 0.016 | | |
| 9180 | 0.016 | | |
| 9240 | 0.017 | | |
| 9300 | 0.016 | | |
| 9360 | 0.016 | | |
| 9420 | 0.016 | | |
| 9480 | 0.017 | | |
| 9540 | 0.016 | | |
| 9600 | 0.018 | | |
| 9660 | 0.018 | | |
| 9720 | 0.017 | | |
| 9780 | 0.017 | | |
| 9840 | 0.017 | | |
| 9900 | 0.018 | | |
| 9960 | 0.017 | | |
| 10020 | 0.017 | | |
| 10080 | 0.017 | | |
| 10140 | 0.016 | | |
| 10200 | 0.017 | | |
| 10260 | 0.017 | | |
| 10320 | 0.017 | | |
| 10380 | 0.017 | | |
| 10440 | 0.018 | | |
| 10500 | 0.018 | | |
| 10560 | 0.018 | | |
| 10620 | 0.017 | | |
| 10680 | 0.018 | | |
| 10740 | 0.019 | | |
| 10800 | 0.018 | | |
| 10860 | 0.018 | | |
| 10920 | 0.018 | | |
| 10980 | 0.018 | | |
| 11040 | 0.02 | | |
| 11100 | 0.019 | | |
| 11160 | 0.018 | | |
| 11220 | 0.018 | | |
| 11280 | 0.018 | | |
| 11340 | 0.018 | | |
| 11400 | 0.018 | | |
| 11460 | 0.019 | | |
| 11520 | 0.019 | | |
| 11580 | 0.02 | | |
| 11640 | 0.019 | | |
| 11700 | 0.019 | | |
| 11760 | 0.019 | | |
| 11820 | 0.019 | | |
| 11880 | 0.019 | | |
| 11940 | 0.019 | | |
| 12000 | 0.02 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.019 | | |
| 12120 | 0.019 | | |
| 12180 | 0.019 | | |
| 12240 | 0.019 | | |
| 12300 | 0.02 | | |
| 12360 | 0.02 | | |
| 12420 | 0.02 | | |
| 12480 | 0.02 | | |
| 12540 | 0.02 | | |
| 12600 | 0.02 | | |
| 12660 | 0.019 | | |
| 12720 | 0.02 | | |
| 12780 | 0.02 | | |
| 12840 | 0.019 | | |
| 12900 | 0.019 | | |
| 12960 | 0.019 | | |
| 13020 | 0.019 | | |
| 13080 | 0.021 | | |
| 13140 | 0.023 | | |
| 13200 | 0.021 | | |
| 13260 | 0.02 | | |
| 13320 | 0.02 | | |
| 13380 | 0.02 | | |
| 13440 | 0.02 | | |
| 13500 | 0.02 | | |
| 13560 | 0.02 | | |
| 13620 | 0.022 | | |
| 13680 | 0.02 | | |
| 13740 | 0.02 | | |
| 13800 | 0.02 | | |
| 13860 | 0.02 | | |
| 13920 | 0.02 | | |
| 13980 | 0.02 | | |
| 14040 | 0.02 | | |
| 14100 | 0.02 | | |
| 14160 | 0.021 | | |
| 14220 | 0.021 | | |
| 14280 | 0.021 | | |
| 14340 | 0.021 | | |
| 14400 | 0.022 | | |
| 14460 | 0.024 | | |
| 14520 | 0.023 | | |
| 14580 | 0.021 | | |
| 14640 | 0.021 | | |
| 14700 | 0.021 | | |
| 14760 | 0.022 | | |
| 14820 | 0.022 | | |
| 14880 | 0.021 | | |
| 14940 | 0.021 | | |
| 15000 | 0.021 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.021 | | |
| 15120 | 0.022 | | |
| 15180 | 0.021 | | |
| 15240 | 0.021 | | |
| 15300 | 0.021 | | |
| 15360 | 0.021 | | |
| 15420 | 0.021 | | |
| 15480 | 0.022 | | |
| 15540 | 0.022 | | |
| 15600 | 0.022 | | |
| 15660 | 0.022 | | |
| 15720 | 0.022 | | |
| 15780 | 0.023 | | |
| 15840 | 0.022 | | |
| 15900 | 0.022 | | |
| 15960 | 0.022 | | |
| 16020 | 0.022 | | |
| 16080 | 0.022 | | |
| 16140 | 0.022 | | |
| 16200 | 0.022 | | |
| 16260 | 0.022 | | |
| 16320 | 0.022 | | |
| 16380 | 0.022 | | |
| 16440 | 0.022 | | |
| 16500 | 0.022 | | |
| 16560 | 0.023 | | |
| 16620 | 0.022 | | |
| 16680 | 0.022 | | |
| 16740 | 0.023 | | |
| 16800 | 0.022 | | |
| 16860 | 0.022 | | |
| 16920 | 0.022 | | |
| 16980 | 0.022 | | |
| 17040 | 0.022 | | |
| 17100 | 0.022 | | |
| 17160 | 0.022 | | |
| 17220 | 0.023 | | |
| 17280 | 0.023 | | |
| 17340 | 0.022 | | |
| 17400 | 0.022 | | |
| 17460 | 0.022 | | |
| 17520 | 0.022 | | |
| 17580 | 0.022 | | |
| 17640 | 0.023 | | |
| 17700 | 0.023 | | |
| 17760 | 0.023 | | |
| 17820 | 0.023 | | |
| 17880 | 0.024 | | |
| 17940 | 0.023 | | |
| 18000 | 0.023 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.022 | | |
| 18120 | 0.022 | | |
| 18180 | 0.023 | | |
| 18240 | 0.023 | | |
| 18300 | 0.023 | | |
| 18360 | 0.023 | | |
| 18420 | 0.023 | | |
| 18480 | 0.023 | | |
| 18540 | 0.023 | | |
| 18600 | 0.024 | | |
| 18660 | 0.024 | | |
| 18720 | 0.024 | | |
| 18780 | 0.024 | | |
| 18840 | 0.023 | | |
| 18900 | 0.023 | | |
| 18960 | 0.024 | | |
| 19020 | 0.024 | | |
| 19080 | 0.023 | | |
| 19140 | 0.023 | | |
| 19200 | 0.023 | | |
| 19260 | 0.023 | | |
| 19320 | 0.023 | | |
| 19380 | 0.023 | | |
| 19440 | 0.023 | | |
| 19500 | 0.023 | | |
| 19560 | 0.023 | | |
| 19620 | 0.023 | | |
| 19680 | 0.023 | | |
| 19740 | 0.023 | | |
| 19800 | 0.023 | | |
| 19860 | 0.023 | | |
| 19920 | 0.023 | | |
| 19980 | 0.023 | | |
| 20040 | 0.023 | | |
| 20100 | 0.023 | | |
| 20160 | 0.023 | | |
| 20220 | 0.023 | | |
| 20280 | 0.023 | | |
| 20340 | 0.023 | | |
| 20400 | 0.023 | | |
| 20460 | 0.023 | | |
| 20520 | 0.023 | | |
| 20580 | 0.023 | | |
| 20640 | 0.023 | | |
| 20700 | 0.023 | | |
| 20760 | 0.023 | | |
| 20820 | 0.023 | | |
| 20880 | 0.023 | | |
| 20940 | 0.024 | | |
| 21000 | 0.023 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:43:23 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.018 |
| Mass Minimum [mg/m3] | 0.007 |
| Mass Maximum [mg/m3] | 0.025 |
| Mass TWA [mg/m3] | 0.014 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 393 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.023 | | |
| 21120 | 0.023 | | |
| 21180 | 0.024 | | |
| 21240 | 0.023 | | |
| 21300 | 0.023 | | |
| 21360 | 0.023 | | |
| 21420 | 0.023 | | |
| 21480 | 0.023 | | |
| 21540 | 0.023 | | |
| 21600 | 0.024 | | |
| 21660 | 0.023 | | |
| 21720 | 0.023 | | |
| 21780 | 0.023 | | |
| 21840 | 0.024 | | |
| 21900 | 0.024 | | |
| 21960 | 0.024 | | |
| 22020 | 0.024 | | |
| 22080 | 0.023 | | |
| 22140 | 0.023 | | |
| 22200 | 0.023 | | |
| 22260 | 0.023 | | |
| 22320 | 0.024 | | |
| 22380 | 0.023 | | |
| 22440 | 0.023 | | |
| 22500 | 0.023 | | |
| 22560 | 0.023 | | |
| 22620 | 0.023 | | |
| 22680 | 0.022 | | |
| 22740 | 0.022 | | |
| 22800 | 0.022 | | |
| 22860 | 0.022 | | |
| 22920 | 0.022 | | |
| 22980 | 0.022 | | |
| 23040 | 0.022 | | |
| 23100 | 0.022 | | |
| 23160 | 0.021 | | |
| 23220 | 0.025 | | |
| 23280 | 0.024 | | |
| 23340 | 0.021 | | |
| 23400 | 0.02 | | |
| 23460 | 0.021 | | |
| 23520 | 0.02 | | |
| 23580 | 0.021 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 60 | 0.057 | |
| 120 | 0.045 | |
| 180 | 0.049 | |
| 240 | 0.041 | |
| 300 | 0.029 | |
| 360 | 0.03 | |
| 420 | 0.03 | |
| 480 | 0.03 | |
| 540 | 0.03 | |
| 600 | 0.029 | |
| 660 | 0.03 | |
| 720 | 0.03 | |
| 780 | 0.029 | |
| 840 | 0.03 | |
| 900 | 0.03 | |
| 960 | 0.029 | |
| 1020 | 0.029 | |
| 1080 | 0.029 | |
| 1140 | 0.031 | |
| 1200 | 0.03 | |
| 1260 | 0.029 | |
| 1320 | 0.029 | |
| 1380 | 0.029 | |
| 1440 | 0.03 | |
| 1500 | 0.029 | |
| 1560 | 0.031 | |
| 1620 | 0.03 | |
| 1680 | 0.028 | |
| 1740 | 0.03 | |
| 1800 | 0.03 | |
| 1860 | 0.031 | |
| 1920 | 0.03 | |
| 1980 | 0.028 | |
| 2040 | 0.029 | |
| 2100 | 0.03 | |
| 2160 | 0.031 | |
| 2220 | 0.03 | |
| 2280 | 0.029 | |
| 2340 | 0.029 | |
| 2400 | 0.031 | |
| 2460 | 0.029 | |
| 2520 | 0.03 | |
| 2580 | 0.03 | |
| 2640 | 0.029 | |
| 2700 | 0.03 | |
| 2760 | 0.029 | |
| 2820 | 0.031 | |
| 2880 | 0.029 | |
| 2940 | 0.029 | |
| 3000 | 0.03 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 3060 | 0.029 | |
| 3120 | 0.03 | |
| 3180 | 0.029 | |
| 3240 | 0.028 | |
| 3300 | 0.03 | |
| 3360 | 0.03 | |
| 3420 | 0.029 | |
| 3480 | 0.031 | |
| 3540 | 0.029 | |
| 3600 | 0.03 | |
| 3660 | 0.03 | |
| 3720 | 0.031 | |
| 3780 | 0.03 | |
| 3840 | 0.029 | |
| 3900 | 0.03 | |
| 3960 | 0.03 | |
| 4020 | 0.03 | |
| 4080 | 0.031 | |
| 4140 | 0.029 | |
| 4200 | 0.029 | |
| 4260 | 0.028 | |
| 4320 | 0.03 | |
| 4380 | 0.028 | |
| 4440 | 0.028 | |
| 4500 | 0.03 | |
| 4560 | 0.03 | |
| 4620 | 0.029 | |
| 4680 | 0.031 | |
| 4740 | 0.028 | |
| 4800 | 0.03 | |
| 4860 | 0.031 | |
| 4920 | 0.029 | |
| 4980 | 0.03 | |
| 5040 | 0.03 | |
| 5100 | 0.028 | |
| 5160 | 0.028 | |
| 5220 | 0.03 | |
| 5280 | 0.029 | |
| 5340 | 0.031 | |
| 5400 | 0.03 | |
| 5460 | 0.029 | |
| 5520 | 0.029 | |
| 5580 | 0.029 | |
| 5640 | 0.03 | |
| 5700 | 0.029 | |
| 5760 | 0.029 | |
| 5820 | 0.03 | |
| 5880 | 0.029 | |
| 5940 | 0.03 | |
| 6000 | 0.03 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 6060 | 0.03 | |
| 6120 | 0.029 | |
| 6180 | 0.031 | |
| 6240 | 0.03 | |
| 6300 | 0.03 | |
| 6360 | 0.03 | |
| 6420 | 0.029 | |
| 6480 | 0.029 | |
| 6540 | 0.028 | |
| 6600 | 0.028 | |
| 6660 | 0.029 | |
| 6720 | 0.029 | |
| 6780 | 0.031 | |
| 6840 | 0.029 | |
| 6900 | 0.029 | |
| 6960 | 0.031 | |
| 7020 | 0.03 | |
| 7080 | 0.029 | |
| 7140 | 0.031 | |
| 7200 | 0.03 | |
| 7260 | 0.029 | |
| 7320 | 0.03 | |
| 7380 | 0.03 | |
| 7440 | 0.029 | |
| 7500 | 0.029 | |
| 7560 | 0.03 | |
| 7620 | 0.03 | |
| 7680 | 0.029 | |
| 7740 | 0.03 | |
| 7800 | 0.03 | |
| 7860 | 0.031 | |
| 7920 | 0.029 | |
| 7980 | 0.028 | |
| 8040 | 0.028 | |
| 8100 | 0.031 | |
| 8160 | 0.029 | |
| 8220 | 0.028 | |
| 8280 | 0.029 | |
| 8340 | 0.03 | |
| 8400 | 0.03 | |
| 8460 | 0.028 | |
| 8520 | 0.03 | |
| 8580 | 0.028 | |
| 8640 | 0.031 | |
| 8700 | 0.031 | |
| 8760 | 0.029 | |
| 8820 | 0.03 | |
| 8880 | 0.029 | |
| 8940 | 0.029 | |
| 9000 | 0.029 | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 9060 | 0.029 | |
| 9120 | 0.029 | |
| 9180 | 0.03 | |
| 9240 | 0.028 | |
| 9300 | 0.029 | |
| 9360 | 0.031 | |
| 9420 | 0.03 | |
| 9480 | 0.029 | |
| 9540 | 0.028 | |
| 9600 | 0.03 | |
| 9660 | 0.028 | |
| 9720 | 0.028 | |
| 9780 | 0.029 | |
| 9840 | 0.031 | |
| 9900 | 0.029 | |
| 9960 | 0.028 | |
| 10020 | 0.029 | |
| 10080 | 0.03 | |
| 10140 | 0.029 | |
| 10200 | 0.029 | |
| 10260 | 0.03 | |
| 10320 | 0.031 | |
| 10380 | 0.03 | |
| 10440 | 0.03 | |
| 10500 | 0.031 | |
| 10560 | 0.03 | |
| 10620 | 0.03 | |
| 10680 | 0.028 | |
| 10740 | 0.03 | |
| 10800 | 0.031 | |
| 10860 | 0.029 | |
| 10920 | 0.029 | |
| 10980 | 0.03 | |
| 11040 | 0.03 | |
| 11100 | 0.03 | |
| 11160 | 0.028 | |
| 11220 | 0.028 | |
| 11280 | 0.03 | |
| 11340 | 0.029 | |
| 11400 | 0.031 | |
| 11460 | 0.028 | |
| 11520 | 0.029 | |
| 11580 | 0.03 | |
| 11640 | 0.03 | |
| 11700 | 0.029 | |
| 11760 | 0.029 | |
| 11820 | 0.029 | |
| 11880 | 0.03 | |
| 11940 | 0.03 | |
| 12000 | 0.029 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 12060 | 0.031 | |
| 12120 | 0.03 | |
| 12180 | 0.029 | |
| 12240 | 0.029 | |
| 12300 | 0.031 | |
| 12360 | 0.028 | |
| 12420 | 0.029 | |
| 12480 | 0.031 | |
| 12540 | 0.029 | |
| 12600 | 0.031 | |
| 12660 | 0.031 | |
| 12720 | 0.031 | |
| 12780 | 0.03 | |
| 12840 | 0.03 | |
| 12900 | 0.03 | |
| 12960 | 0.029 | |
| 13020 | 0.031 | |
| 13080 | 0.029 | |
| 13140 | 0.03 | |
| 13200 | 0.029 | |
| 13260 | 0.029 | |
| 13320 | 0.029 | |
| 13380 | 0.031 | |
| 13440 | 0.028 | |
| 13500 | 0.028 | |
| 13560 | 0.031 | |
| 13620 | 0.031 | |
| 13680 | 0.03 | |
| 13740 | 0.03 | |
| 13800 | 0.03 | |
| 13860 | 0.03 | |
| 13920 | 0.029 | |
| 13980 | 0.03 | |
| 14040 | 0.028 | |
| 14100 | 0.029 | |
| 14160 | 0.031 | |
| 14220 | 0.031 | |
| 14280 | 0.03 | |
| 14340 | 0.03 | |
| 14400 | 0.028 | |
| 14460 | 0.03 | |
| 14520 | 0.03 | |
| 14580 | 0.029 | |
| 14640 | 0.03 | |
| 14700 | 0.03 | |
| 14760 | 0.029 | |
| 14820 | 0.029 | |
| 14880 | 0.029 | |
| 14940 | 0.028 | |
| 15000 | 0.029 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 15060 | 0.028 | |
| 15120 | 0.03 | |
| 15180 | 0.03 | |
| 15240 | 0.029 | |
| 15300 | 0.029 | |
| 15360 | 0.031 | |
| 15420 | 0.029 | |
| 15480 | 0.03 | |
| 15540 | 0.029 | |
| 15600 | 0.029 | |
| 15660 | 0.031 | |
| 15720 | 0.031 | |
| 15780 | 0.03 | |
| 15840 | 0.03 | |
| 15900 | 0.031 | |
| 15960 | 0.03 | |
| 16020 | 0.03 | |
| 16080 | 0.03 | |
| 16140 | 0.03 | |
| 16200 | 0.028 | |
| 16260 | 0.029 | |
| 16320 | 0.029 | |
| 16380 | 0.031 | |
| 16440 | 0.032 | |
| 16500 | 0.029 | |
| 16560 | 0.031 | |
| 16620 | 0.031 | |
| 16680 | 0.03 | |
| 16740 | 0.031 | |
| 16800 | 0.031 | |
| 16860 | 0.029 | |
| 16920 | 0.032 | |
| 16980 | 0.03 | |
| 17040 | 0.03 | |
| 17100 | 0.03 | |
| 17160 | 0.03 | |
| 17220 | 0.032 | |
| 17280 | 0.032 | |
| 17340 | 0.03 | |
| 17400 | 0.031 | |
| 17460 | 0.029 | |
| 17520 | 0.031 | |
| 17580 | 0.032 | |
| 17640 | 0.031 | |
| 17700 | 0.031 | |
| 17760 | 0.03 | |
| 17820 | 0.031 | |
| 17880 | 0.03 | |
| 17940 | 0.03 | |
| 18000 | 0.032 | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 18060 | 0.032 | |
| 18120 | 0.03 | |
| 18180 | 0.03 | |
| 18240 | 0.032 | |
| 18300 | 0.031 | |
| 18360 | 0.03 | |
| 18420 | 0.03 | |
| 18480 | 0.031 | |
| 18540 | 0.03 | |
| 18600 | 0.031 | |
| 18660 | 0.032 | |
| 18720 | 0.031 | |
| 18780 | 0.031 | |
| 18840 | 0.029 | |
| 18900 | 0.03 | |
| 18960 | 0.029 | |
| 19020 | 0.029 | |
| 19080 | 0.031 | |
| 19140 | 0.029 | |
| 19200 | 0.032 | |
| 19260 | 0.03 | |
| 19320 | 0.032 | |
| 19380 | 0.03 | |
| 19440 | 0.031 | |
| 19500 | 0.031 | |
| 19560 | 0.032 | |
| 19620 | 0.031 | |
| 19680 | 0.03 | |
| 19740 | 0.031 | |
| 19800 | 0.03 | |
| 19860 | 0.03 | |
| 19920 | 0.031 | |
| 19980 | 0.029 | |
| 20040 | 0.031 | |
| 20100 | 0.03 | |
| 20160 | 0.031 | |
| 20220 | 0.031 | |
| 20280 | 0.031 | |
| 20340 | 0.03 | |
| 20400 | 0.029 | |
| 20460 | 0.032 | |
| 20520 | 0.029 | |
| 20580 | 0.032 | |
| 20640 | 0.031 | |
| 20700 | 0.03 | |
| 20760 | 0.03 | |
| 20820 | 0.03 | |
| 20880 | 0.029 | |
| 20940 | 0.031 | |
| 21000 | 0.031 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 21060 | 0.031 | |
| 21120 | 0.031 | |
| 21180 | 0.029 | |
| 21240 | 0.029 | |
| 21300 | 0.03 | |
| 21360 | 0.032 | |
| 21420 | 0.03 | |
| 21480 | 0.03 | |
| 21540 | 0.082 | |
| 21600 | 0.032 | |
| 21660 | 0.03 | |
| 21720 | 0.029 | |
| 21780 | 0.031 | |
| 21840 | 0.031 | |
| 21900 | 0.03 | |
| 21960 | 0.03 | |
| 22020 | 0.032 | |
| 22080 | 0.031 | |
| 22140 | 0.031 | |
| 22200 | 0.031 | |
| 22260 | 0.03 | |
| 22320 | 0.032 | |
| 22380 | 0.031 | |
| 22440 | 0.032 | |
| 22500 | 0.03 | |
| 22560 | 0.029 | |
| 22620 | 0.031 | |
| 22680 | 0.031 | |
| 22740 | 0.03 | |
| 22800 | 0.03 | |
| 22860 | 0.029 | |
| 22920 | 0.031 | |
| 22980 | 0.03 | |
| 23040 | 0.03 | |
| 23100 | 0.03 | |
| 23160 | 0.03 | |
| 23220 | 0.031 | |
| 23280 | 0.03 | |
| 23340 | 0.03 | |
| 23400 | 0.031 | |
| 23460 | 0.031 | |
| 23520 | 0.03 | |
| 23580 | 0.03 | |
| 23640 | 0.03 | |
| 23700 | 0.03 | |
| 23760 | 0.03 | |
| 23820 | 0.03 | |
| 23880 | 0.03 | |
| 23940 | 0.031 | |
| 24000 | 0.03 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 24060 | 0.03 | |
| 24120 | 0.03 | |
| 24180 | 0.03 | |
| 24240 | 0.031 | |
| 24300 | 0.03 | |
| 24360 | 0.029 | |
| 24420 | 0.032 | |
| 24480 | 0.031 | |
| 24540 | 0.031 | |
| 24600 | 0.031 | |
| 24660 | 0.031 | |
| 24720 | 0.102 | |
| 24780 | 0.031 | |
| 24840 | 0.029 | |
| 24900 | 0.031 | |
| 24960 | 0.029 | |
| 25020 | 0.031 | |
| 25080 | 0.03 | |
| 25140 | 0.03 | |
| 25200 | 0.031 | |
| 25260 | 0.031 | |
| 25320 | 0.032 | |
| 25380 | 0.03 | |
| 25440 | 0.031 | |
| 25500 | 0.03 | |
| 25560 | 0.03 | |
| 25620 | 0.031 | |
| 25680 | 0.031 | |
| 25740 | 0.032 | |
| 25800 | 0.032 | |
| 25860 | 0.03 | |
| 25920 | 0.03 | |
| 25980 | 0.029 | |
| 26040 | 0.029 | |
| 26100 | 0.029 | |
| 26160 | 0.03 | |
| 26220 | 0.032 | |
| 26280 | 0.03 | |
| 26340 | 0.032 | |
| 26400 | 0.03 | |
| 26460 | 0.03 | |
| 26520 | 0.03 | |
| 26580 | 0.031 | |
| 26640 | 0.031 | |
| 26700 | 0.031 | |
| 26760 | 0.03 | |
| 26820 | 0.03 | |
| 26880 | 0.031 | |
| 26940 | 0.03 | |
| 27000 | 0.03 | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:32:52 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.102 |
| Mass TWA [mg/m3] | 0.031 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 493 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms |
|---|---|---|
| 27060 | 0.03 | |
| 27120 | 0.031 | |
| 27180 | 0.032 | |
| 27240 | 0.032 | |
| 27300 | 0.031 | |
| 27360 | 0.03 | |
| 27420 | 0.031 | |
| 27480 | 0.03 | |
| 27540 | 0.029 | |
| 27600 | 0.029 | |
| 27660 | 0.031 | |
| 27720 | 0.031 | |
| 27780 | 0.03 | |
| 27840 | 0.029 | |
| 27900 | 0.031 | |
| 27960 | 0.029 | |
| 28020 | 0.031 | |
| 28080 | 0.031 | |
| 28140 | 0.031 | |
| 28200 | 0.032 | |
| 28260 | 0.032 | |
| 28320 | 0.03 | |
| 28380 | 0.032 | |
| 28440 | 0.032 | |
| 28500 | 0.031 | |
| 28560 | 0.031 | |
| 28620 | 0.032 | |
| 28680 | 0.03 | |
| 28740 | 0.03 | |
| 28800 | 0.03 | |
| 28860 | 0.03 | |
| 28920 | 0.031 | |
| 28980 | 0.03 | |
| 29040 | 0.032 | |
| 29100 | 0.031 | |
| 29160 | 0.029 | |
| 29220 | 0.03 | |
| 29280 | 0.032 | |
| 29340 | 0.032 | |
| 29400 | 0.031 | |
| 29460 | 0.03 | |
| 29520 | 0.031 | |
| 29580 | 0.033 | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.043 | | |
| 120 | 0.037 | | |
| 180 | 0.037 | | |
| 240 | 0.039 | | |
| 300 | 0.034 | | |
| 360 | 0.031 | | |
| 420 | 0.034 | | |
| 480 | 0.032 | | |
| 540 | 0.031 | | |
| 600 | 0.031 | | |
| 660 | 0.031 | | |
| 720 | 0.035 | | |
| 780 | 0.034 | | |
| 840 | 0.032 | | |
| 900 | 0.033 | | |
| 960 | 0.033 | | |
| 1020 | 0.041 | | |
| 1080 | 0.041 | | |
| 1140 | 0.037 | | |
| 1200 | 0.031 | | |
| 1260 | 0.031 | | |
| 1320 | 0.031 | | |
| 1380 | 0.034 | | |
| 1440 | 0.032 | | |
| 1500 | 0.03 | | |
| 1560 | 0.031 | | |
| 1620 | 0.031 | | |
| 1680 | 0.031 | | |
| 1740 | 0.031 | | |
| 1800 | 0.031 | | |
| 1860 | 0.032 | | |
| 1920 | 0.033 | | |
| 1980 | 0.033 | | |
| 2040 | 0.031 | | |
| 2100 | 0.032 | | |
| 2160 | 0.031 | | |
| 2220 | 0.03 | | |
| 2280 | 0.031 | | |
| 2340 | 0.032 | | |
| 2400 | 0.03 | | |
| 2460 | 0.029 | | |
| 2520 | 0.031 | | |
| 2580 | 0.03 | | |
| 2640 | 0.03 | | |
| 2700 | 0.031 | | |
| 2760 | 0.031 | | |
| 2820 | 0.03 | | |
| 2880 | 0.029 | | |
| 2940 | 0.029 | | |
| 3000 | 0.031 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.036 | | |
| 3120 | 0.03 | | |
| 3180 | 0.03 | | |
| 3240 | 0.029 | | |
| 3300 | 0.029 | | |
| 3360 | 0.028 | | |
| 3420 | 0.028 | | |
| 3480 | 0.028 | | |
| 3540 | 0.028 | | |
| 3600 | 0.029 | | |
| 3660 | 0.03 | | |
| 3720 | 0.028 | | |
| 3780 | 0.028 | | |
| 3840 | 0.028 | | |
| 3900 | 0.028 | | |
| 3960 | 0.026 | | |
| 4020 | 0.027 | | |
| 4080 | 0.027 | | |
| 4140 | 0.026 | | |
| 4200 | 0.026 | | |
| 4260 | 0.026 | | |
| 4320 | 0.027 | | |
| 4380 | 0.027 | | |
| 4440 | 0.027 | | |
| 4500 | 0.027 | | |
| 4560 | 0.027 | | |
| 4620 | 0.027 | | |
| 4680 | 0.027 | | |
| 4740 | 0.027 | | |
| 4800 | 0.028 | | |
| 4860 | 0.028 | | |
| 4920 | 0.029 | | |
| 4980 | 0.03 | | |
| 5040 | 0.028 | | |
| 5100 | 0.027 | | |
| 5160 | 0.027 | | |
| 5220 | 0.026 | | |
| 5280 | 0.028 | | |
| 5340 | 0.028 | | |
| 5400 | 0.028 | | |
| 5460 | 0.028 | | |
| 5520 | 0.034 | | |
| 5580 | 0.028 | | |
| 5640 | 0.027 | | |
| 5700 | 0.028 | | |
| 5760 | 0.029 | | |
| 5820 | 0.053 | | |
| 5880 | 0.056 | | |
| 5940 | 0.034 | | |
| 6000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.035 | | |
| 6120 | 0.065 | | |
| 6180 | 0.058 | | |
| 6240 | 0.033 | | |
| 6300 | 0.034 | | |
| 6360 | 0.033 | | |
| 6420 | 0.033 | | |
| 6480 | 0.03 | | |
| 6540 | 0.029 | | |
| 6600 | 0.029 | | |
| 6660 | 0.029 | | |
| 6720 | 0.03 | | |
| 6780 | 0.032 | | |
| 6840 | 0.032 | | |
| 6900 | 0.031 | | |
| 6960 | 0.031 | | |
| 7020 | 0.032 | | |
| 7080 | 0.032 | | |
| 7140 | 0.032 | | |
| 7200 | 0.033 | | |
| 7260 | 0.032 | | |
| 7320 | 0.031 | | |
| 7380 | 0.032 | | |
| 7440 | 0.033 | | |
| 7500 | 0.036 | | |
| 7560 | 0.033 | | |
| 7620 | 0.034 | | |
| 7680 | 0.038 | | |
| 7740 | 0.039 | | |
| 7800 | 0.035 | | |
| 7860 | 0.035 | | |
| 7920 | 0.034 | | |
| 7980 | 0.042 | | |
| 8040 | 0.054 | | |
| 8100 | 0.044 | | |
| 8160 | 0.051 | | |
| 8220 | 0.044 | | |
| 8280 | 0.041 | | |
| 8340 | 0.064 | | |
| 8400 | 0.054 | | |
| 8460 | 0.04 | | |
| 8520 | 0.035 | | |
| 8580 | 0.042 | | |
| 8640 | 0.054 | | |
| 8700 | 0.038 | | |
| 8760 | 0.038 | | |
| 8820 | 0.045 | | |
| 8880 | 0.041 | | |
| 8940 | 0.039 | | |
| 9000 | 0.039 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.039 | | |
| 9120 | 0.039 | | |
| 9180 | 0.047 | | |
| 9240 | 0.041 | | |
| 9300 | 0.039 | | |
| 9360 | 0.038 | | |
| 9420 | 0.04 | | |
| 9480 | 0.039 | | |
| 9540 | 0.039 | | |
| 9600 | 0.039 | | |
| 9660 | 0.039 | | |
| 9720 | 0.04 | | |
| 9780 | 0.04 | | |
| 9840 | 0.04 | | |
| 9900 | 0.043 | | |
| 9960 | 0.046 | | |
| 10020 | 0.049 | | |
| 10080 | 0.043 | | |
| 10140 | 0.039 | | |
| 10200 | 0.04 | | |
| 10260 | 0.04 | | |
| 10320 | 0.039 | | |
| 10380 | 0.044 | | |
| 10440 | 0.043 | | |
| 10500 | 0.041 | | |
| 10560 | 0.039 | | |
| 10620 | 0.04 | | |
| 10680 | 0.04 | | |
| 10740 | 0.041 | | |
| 10800 | 0.041 | | |
| 10860 | 0.042 | | |
| 10920 | 0.044 | | |
| 10980 | 0.049 | | |
| 11040 | 0.044 | | |
| 11100 | 0.041 | | |
| 11160 | 0.044 | | |
| 11220 | 0.042 | | |
| 11280 | 0.044 | | |
| 11340 | 0.046 | | |
| 11400 | 0.04 | | |
| 11460 | 0.05 | | |
| 11520 | 0.043 | | |
| 11580 | 0.04 | | |
| 11640 | 0.042 | | |
| 11700 | 0.041 | | |
| 11760 | 0.044 | | |
| 11820 | 0.043 | | |
| 11880 | 0.045 | | |
| 11940 | 0.042 | | |
| 12000 | 0.043 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.041 | | |
| 12120 | 0.042 | | |
| 12180 | 0.044 | | |
| 12240 | 0.047 | | |
| 12300 | 0.041 | | |
| 12360 | 0.04 | | |
| 12420 | 0.04 | | |
| 12480 | 0.04 | | |
| 12540 | 0.041 | | |
| 12600 | 0.041 | | |
| 12660 | 0.04 | | |
| 12720 | 0.04 | | |
| 12780 | 0.04 | | |
| 12840 | 0.039 | | |
| 12900 | 0.04 | | |
| 12960 | 0.04 | | |
| 13020 | 0.041 | | |
| 13080 | 0.041 | | |
| 13140 | 0.04 | | |
| 13200 | 0.042 | | |
| 13260 | 0.04 | | |
| 13320 | 0.039 | | |
| 13380 | 0.039 | | |
| 13440 | 0.04 | | |
| 13500 | 0.04 | | |
| 13560 | 0.04 | | |
| 13620 | 0.04 | | |
| 13680 | 0.041 | | |
| 13740 | 0.039 | | |
| 13800 | 0.039 | | |
| 13860 | 0.039 | | |
| 13920 | 0.04 | | |
| 13980 | 0.042 | | |
| 14040 | 0.04 | | |
| 14100 | 0.04 | | |
| 14160 | 0.04 | | |
| 14220 | 0.04 | | |
| 14280 | 0.041 | | |
| 14340 | 0.04 | | |
| 14400 | 0.039 | | |
| 14460 | 0.039 | | |
| 14520 | 0.039 | | |
| 14580 | 0.04 | | |
| 14640 | 0.04 | | |
| 14700 | 0.04 | | |
| 14760 | 0.04 | | |
| 14820 | 0.039 | | |
| 14880 | 0.041 | | |
| 14940 | 0.04 | | |
| 15000 | 0.042 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.042 | | |
| 15120 | 0.04 | | |
| 15180 | 0.04 | | |
| 15240 | 0.044 | | |
| 15300 | 0.045 | | |
| 15360 | 0.047 | | |
| 15420 | 0.043 | | |
| 15480 | 0.04 | | |
| 15540 | 0.042 | | |
| 15600 | 0.042 | | |
| 15660 | 0.041 | | |
| 15720 | 0.041 | | |
| 15780 | 0.041 | | |
| 15840 | 0.05 | | |
| 15900 | 0.056 | | |
| 15960 | 0.043 | | |
| 16020 | 0.042 | | |
| 16080 | 0.05 | | |
| 16140 | 0.046 | | |
| 16200 | 0.051 | | |
| 16260 | 0.046 | | |
| 16320 | 0.048 | | |
| 16380 | 0.047 | | |
| 16440 | 0.043 | | |
| 16500 | 0.044 | | |
| 16560 | 0.044 | | |
| 16620 | 0.045 | | |
| 16680 | 0.05 | | |
| 16740 | 0.047 | | |
| 16800 | 0.042 | | |
| 16860 | 0.041 | | |
| 16920 | 0.04 | | |
| 16980 | 0.039 | | |
| 17040 | 0.054 | | |
| 17100 | 0.04 | | |
| 17160 | 0.049 | | |
| 17220 | 0.04 | | |
| 17280 | 0.037 | | |
| 17340 | 0.037 | | |
| 17400 | 0.037 | | |
| 17460 | 0.037 | | |
| 17520 | 0.035 | | |
| 17580 | 0.034 | | |
| 17640 | 0.036 | | |
| 17700 | 0.037 | | |
| 17760 | 0.039 | | |
| 17820 | 0.038 | | |
| 17880 | 0.036 | | |
| 17940 | 0.038 | | |
| 18000 | 0.037 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.037 | | |
| 18120 | 0.037 | | |
| 18180 | 0.037 | | |
| 18240 | 0.037 | | |
| 18300 | 0.036 | | |
| 18360 | 0.035 | | |
| 18420 | 0.034 | | |
| 18480 | 0.036 | | |
| 18540 | 0.035 | | |
| 18600 | 0.034 | | |
| 18660 | 0.036 | | |
| 18720 | 0.036 | | |
| 18780 | 0.034 | | |
| 18840 | 0.035 | | |
| 18900 | 0.034 | | |
| 18960 | 0.033 | | |
| 19020 | 0.032 | | |
| 19080 | 0.032 | | |
| 19140 | 0.031 | | |
| 19200 | 0.032 | | |
| 19260 | 0.031 | | |
| 19320 | 0.031 | | |
| 19380 | 0.031 | | |
| 19440 | 0.031 | | |
| 19500 | 0.03 | | |
| 19560 | 0.032 | | |
| 19620 | 0.033 | | |
| 19680 | 0.031 | | |
| 19740 | 0.031 | | |
| 19800 | 0.03 | | |
| 19860 | 0.029 | | |
| 19920 | 0.03 | | |
| 19980 | 0.03 | | |
| 20040 | 0.029 | | |
| 20100 | 0.029 | | |
| 20160 | 0.03 | | |
| 20220 | 0.03 | | |
| 20280 | 0.03 | | |
| 20340 | 0.029 | | |
| 20400 | 0.029 | | |
| 20460 | 0.03 | | |
| 20520 | 0.03 | | |
| 20580 | 0.03 | | |
| 20640 | 0.029 | | |
| 20700 | 0.03 | | |
| 20760 | 0.029 | | |
| 20820 | 0.029 | | |
| 20880 | 0.03 | | |
| 20940 | 0.029 | | |
| 21000 | 0.029 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.029 | | |
| 21120 | 0.029 | | |
| 21180 | 0.03 | | |
| 21240 | 0.029 | | |
| 21300 | 0.03 | | |
| 21360 | 0.032 | | |
| 21420 | 0.028 | | |
| 21480 | 0.028 | | |
| 21540 | 0.028 | | |
| 21600 | 0.028 | | |
| 21660 | 0.028 | | |
| 21720 | 0.028 | | |
| 21780 | 0.029 | | |
| 21840 | 0.028 | | |
| 21900 | 0.034 | | |
| 21960 | 0.028 | | |
| 22020 | 0.029 | | |
| 22080 | 0.029 | | |
| 22140 | 0.028 | | |
| 22200 | 0.028 | | |
| 22260 | 0.028 | | |
| 22320 | 0.028 | | |
| 22380 | 0.028 | | |
| 22440 | 0.033 | | |
| 22500 | 0.03 | | |
| 22560 | 0.029 | | |
| 22620 | 0.031 | | |
| 22680 | 0.036 | | |
| 22740 | 0.039 | | |
| 22800 | 0.029 | | |
| 22860 | 0.028 | | |
| 22920 | 0.029 | | |
| 22980 | 0.029 | | |
| 23040 | 0.029 | | |
| 23100 | 0.029 | | |
| 23160 | 0.03 | | |
| 23220 | 0.03 | | |
| 23280 | 0.029 | | |
| 23340 | 0.03 | | |
| 23400 | 0.03 | | |
| 23460 | 0.029 | | |
| 23520 | 0.029 | | |
| 23580 | 0.03 | | |
| 23640 | 0.029 | | |
| 23700 | 0.03 | | |
| 23760 | 0.029 | | |
| 23820 | 0.029 | | |
| 23880 | 0.029 | | |
| 23940 | 0.028 | | |
| 24000 | 0.028 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.028 | | |
| 24120 | 0.029 | | |
| 24180 | 0.029 | | |
| 24240 | 0.029 | | |
| 24300 | 0.028 | | |
| 24360 | 0.029 | | |
| 24420 | 0.03 | | |
| 24480 | 0.031 | | |
| 24540 | 0.03 | | |
| 24600 | 0.03 | | |
| 24660 | 0.03 | | |
| 24720 | 0.029 | | |
| 24780 | 0.03 | | |
| 24840 | 0.029 | | |
| 24900 | 0.029 | | |
| 24960 | 0.028 | | |
| 25020 | 0.027 | | |
| 25080 | 0.029 | | |
| 25140 | 0.029 | | |
| 25200 | 0.029 | | |
| 25260 | 0.028 | | |
| 25320 | 0.028 | | |
| 25380 | 0.028 | | |
| 25440 | 0.027 | | |
| 25500 | 0.027 | | |
| 25560 | 0.028 | | |
| 25620 | 0.027 | | |
| 25680 | 0.027 | | |
| 25740 | 0.027 | | |
| 25800 | 0.027 | | |
| 25860 | 0.026 | | |
| 25920 | 0.026 | | |
| 25980 | 0.026 | | |
| 26040 | 0.026 | | |
| 26100 | 0.027 | | |
| 26160 | 0.026 | | |
| 26220 | 0.026 | | |
| 26280 | 0.026 | | |
| 26340 | 0.026 | | |
| 26400 | 0.026 | | |
| 26460 | 0.026 | | |
| 26520 | 0.025 | | |
| 26580 | 0.025 | | |
| 26640 | 0.028 | | |
| 26700 | 0.024 | | |
| 26760 | 0.024 | | |
| 26820 | 0.024 | | |
| 26880 | 0.024 | | |
| 26940 | 0.024 | | |
| 27000 | 0.023 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.023 | | |
| 27120 | 0.023 | | |
| 27180 | 0.022 | | |
| 27240 | 0.023 | | |
| 27300 | 0.023 | | |
| 27360 | 0.022 | | |
| 27420 | 0.022 | | |
| 27480 | 0.022 | | |
| 27540 | 0.022 | | |
| 27600 | 0.023 | | |
| 27660 | 0.023 | | |
| 27720 | 0.023 | | |
| 27780 | 0.023 | | |
| 27840 | 0.022 | | |
| 27900 | 0.023 | | |
| 27960 | 0.023 | | |
| 28020 | 0.024 | | |
| 28080 | 0.024 | | |
| 28140 | 0.024 | | |
| 28200 | 0.024 | | |
| 28260 | 0.024 | | |
| 28320 | 0.035 | | |
| 28380 | 0.067 | | |
| 28440 | 0.024 | | |
| 28500 | 0.024 | | |
| 28560 | 0.024 | | |
| 28620 | 0.023 | | |
| 28680 | 0.022 | | |
| 28740 | 0.023 | | |
| 28800 | 0.022 | | |
| 28860 | 0.022 | | |
| 28920 | 0.021 | | |
| 28980 | 0.021 | | |
| 29040 | 0.022 | | |
| 29100 | 0.021 | | |
| 29160 | 0.022 | | |
| 29220 | 0.022 | | |
| 29280 | 0.022 | | |
| 29340 | 0.022 | | |
| 29400 | 0.023 | | |
| 29460 | 0.024 | | |
| 29520 | 0.023 | | |
| 29580 | 0.024 | | |
| 29640 | 0.023 | | |
| 29700 | 0.023 | | |
| 29760 | 0.024 | | |
| 29820 | 0.023 | | |
| 29880 | 0.023 | | |
| 29940 | 0.022 | | |
| 30000 | 0.022 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 8:28:32 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:24 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.034 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.067 |
| Mass TWA [mg/m3] | 0.034 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 504 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 30060 | 0.022 | | |
| 30120 | 0.022 | | |
| 30180 | 0.021 | | |
| 30240 | 0.021 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.026 | | |
| 120 | 0.024 | | |
| 180 | 0.024 | | |
| 240 | 0.023 | | |
| 300 | 0.023 | | |
| 360 | 0.023 | | |
| 420 | 0.024 | | |
| 480 | 0.023 | | |
| 540 | 0.022 | | |
| 600 | 0.022 | | |
| 660 | 0.022 | | |
| 720 | 0.022 | | |
| 780 | 0.022 | | |
| 840 | 0.021 | | |
| 900 | 0.021 | | |
| 960 | 0.021 | | |
| 1020 | 0.021 | | |
| 1080 | 0.021 | | |
| 1140 | 0.021 | | |
| 1200 | 0.021 | | |
| 1260 | 0.021 | | |
| 1320 | 0.021 | | |
| 1380 | 0.021 | | |
| 1440 | 0.021 | | |
| 1500 | 0.02 | | |
| 1560 | 0.02 | | |
| 1620 | 0.02 | | |
| 1680 | 0.02 | | |
| 1740 | 0.02 | | |
| 1800 | 0.02 | | |
| 1860 | 0.02 | | |
| 1920 | 0.019 | | |
| 1980 | 0.02 | | |
| 2040 | 0.02 | | |
| 2100 | 0.02 | | |
| 2160 | 0.021 | | |
| 2220 | 0.02 | | |
| 2280 | 0.026 | | |
| 2340 | 0.02 | | |
| 2400 | 0.02 | | |
| 2460 | 0.02 | | |
| 2520 | 0.019 | | |
| 2580 | 0.019 | | |
| 2640 | 0.019 | | |
| 2700 | 0.019 | | |
| 2760 | 0.019 | | |
| 2820 | 0.019 | | |
| 2880 | 0.02 | | |
| 2940 | 0.02 | | |
| 3000 | 0.036 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.027 | | |
| 3120 | 0.023 | | |
| 3180 | 0.023 | | |
| 3240 | 0.036 | | |
| 3300 | 0.029 | | |
| 3360 | 0.024 | | |
| 3420 | 0.022 | | |
| 3480 | 0.023 | | |
| 3540 | 0.019 | | |
| 3600 | 0.029 | | |
| 3660 | 0.039 | | |
| 3720 | 0.027 | | |
| 3780 | 0.022 | | |
| 3840 | 0.019 | | |
| 3900 | 0.019 | | |
| 3960 | 0.023 | | |
| 4020 | 0.019 | | |
| 4080 | 0.019 | | |
| 4140 | 0.018 | | |
| 4200 | 0.018 | | |
| 4260 | 0.017 | | |
| 4320 | 0.018 | | |
| 4380 | 0.017 | | |
| 4440 | 0.023 | | |
| 4500 | 0.021 | | |
| 4560 | 0.019 | | |
| 4620 | 0.02 | | |
| 4680 | 0.019 | | |
| 4740 | 0.018 | | |
| 4800 | 0.019 | | |
| 4860 | 0.018 | | |
| 4920 | 0.017 | | |
| 4980 | 0.016 | | |
| 5040 | 0.016 | | |
| 5100 | 0.019 | | |
| 5160 | 0.026 | | |
| 5220 | 0.021 | | |
| 5280 | 0.019 | | |
| 5340 | 0.018 | | |
| 5400 | 0.017 | | |
| 5460 | 0.018 | | |
| 5520 | 0.018 | | |
| 5580 | 0.018 | | |
| 5640 | 0.019 | | |
| 5700 | 0.017 | | |
| 5760 | 0.018 | | |
| 5820 | 0.018 | | |
| 5880 | 0.018 | | |
| 5940 | 0.018 | | |
| 6000 | 0.018 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.018 | | |
| 6120 | 0.019 | | |
| 6180 | 0.019 | | |
| 6240 | 0.019 | | |
| 6300 | 0.019 | | |
| 6360 | 0.019 | | |
| 6420 | 0.018 | | |
| 6480 | 0.018 | | |
| 6540 | 0.018 | | |
| 6600 | 0.021 | | |
| 6660 | 0.019 | | |
| 6720 | 0.018 | | |
| 6780 | 0.018 | | |
| 6840 | 0.018 | | |
| 6900 | 0.019 | | |
| 6960 | 0.019 | | |
| 7020 | 0.025 | | |
| 7080 | 0.02 | | |
| 7140 | 0.019 | | |
| 7200 | 0.02 | | |
| 7260 | 0.019 | | |
| 7320 | 0.019 | | |
| 7380 | 0.019 | | |
| 7440 | 0.02 | | |
| 7500 | 0.02 | | |
| 7560 | 0.02 | | |
| 7620 | 0.02 | | |
| 7680 | 0.019 | | |
| 7740 | 0.019 | | |
| 7800 | 0.022 | | |
| 7860 | 0.02 | | |
| 7920 | 0.02 | | |
| 7980 | 0.02 | | |
| 8040 | 0.02 | | |
| 8100 | 0.02 | | |
| 8160 | 0.019 | | |
| 8220 | 0.019 | | |
| 8280 | 0.019 | | |
| 8340 | 0.02 | | |
| 8400 | 0.019 | | |
| 8460 | 0.02 | | |
| 8520 | 0.02 | | |
| 8580 | 0.019 | | |
| 8640 | 0.02 | | |
| 8700 | 0.02 | | |
| 8760 | 0.02 | | |
| 8820 | 0.02 | | |
| 8880 | 0.02 | | |
| 8940 | 0.022 | | |
| 9000 | 0.02 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.02 | | |
| 9120 | 0.02 | | |
| 9180 | 0.02 | | |
| 9240 | 0.02 | | |
| 9300 | 0.02 | | |
| 9360 | 0.02 | | |
| 9420 | 0.021 | | |
| 9480 | 0.021 | | |
| 9540 | 0.021 | | |
| 9600 | 0.021 | | |
| 9660 | 0.021 | | |
| 9720 | 0.021 | | |
| 9780 | 0.022 | | |
| 9840 | 0.021 | | |
| 9900 | 0.022 | | |
| 9960 | 0.021 | | |
| 10020 | 0.032 | | |
| 10080 | 0.024 | | |
| 10140 | 0.022 | | |
| 10200 | 0.021 | | |
| 10260 | 0.021 | | |
| 10320 | 0.021 | | |
| 10380 | 0.023 | | |
| 10440 | 0.022 | | |
| 10500 | 0.022 | | |
| 10560 | 0.022 | | |
| 10620 | 0.022 | | |
| 10680 | 0.022 | | |
| 10740 | 0.023 | | |
| 10800 | 0.022 | | |
| 10860 | 0.022 | | |
| 10920 | 0.022 | | |
| 10980 | 0.021 | | |
| 11040 | 0.021 | | |
| 11100 | 0.021 | | |
| 11160 | 0.021 | | |
| 11220 | 0.021 | | |
| 11280 | 0.021 | | |
| 11340 | 0.022 | | |
| 11400 | 0.021 | | |
| 11460 | 0.022 | | |
| 11520 | 0.022 | | |
| 11580 | 0.023 | | |
| 11640 | 0.022 | | |
| 11700 | 0.022 | | |
| 11760 | 0.022 | | |
| 11820 | 0.023 | | |
| 11880 | 0.022 | | |
| 11940 | 0.022 | | |
| 12000 | 0.022 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.023 | | |
| 12120 | 0.023 | | |
| 12180 | 0.023 | | |
| 12240 | 0.022 | | |
| 12300 | 0.023 | | |
| 12360 | 0.025 | | |
| 12420 | 0.024 | | |
| 12480 | 0.023 | | |
| 12540 | 0.024 | | |
| 12600 | 0.024 | | |
| 12660 | 0.024 | | |
| 12720 | 0.027 | | |
| 12780 | 0.026 | | |
| 12840 | 0.025 | | |
| 12900 | 0.025 | | |
| 12960 | 0.024 | | |
| 13020 | 0.024 | | |
| 13080 | 0.024 | | |
| 13140 | 0.027 | | |
| 13200 | 0.025 | | |
| 13260 | 0.024 | | |
| 13320 | 0.024 | | |
| 13380 | 0.024 | | |
| 13440 | 0.024 | | |
| 13500 | 0.024 | | |
| 13560 | 0.024 | | |
| 13620 | 0.024 | | |
| 13680 | 0.024 | | |
| 13740 | 0.024 | | |
| 13800 | 0.024 | | |
| 13860 | 0.026 | | |
| 13920 | 0.026 | | |
| 13980 | 0.025 | | |
| 14040 | 0.025 | | |
| 14100 | 0.024 | | |
| 14160 | 0.025 | | |
| 14220 | 0.027 | | |
| 14280 | 0.026 | | |
| 14340 | 0.026 | | |
| 14400 | 0.026 | | |
| 14460 | 0.029 | | |
| 14520 | 0.03 | | |
| 14580 | 0.027 | | |
| 14640 | 0.025 | | |
| 14700 | 0.027 | | |
| 14760 | 0.026 | | |
| 14820 | 0.025 | | |
| 14880 | 0.025 | | |
| 14940 | 0.025 | | |
| 15000 | 0.025 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.025 | | |
| 15120 | 0.024 | | |
| 15180 | 0.025 | | |
| 15240 | 0.033 | | |
| 15300 | 0.029 | | |
| 15360 | 0.026 | | |
| 15420 | 0.026 | | |
| 15480 | 0.027 | | |
| 15540 | 0.027 | | |
| 15600 | 0.027 | | |
| 15660 | 0.027 | | |
| 15720 | 0.033 | | |
| 15780 | 0.028 | | |
| 15840 | 0.026 | | |
| 15900 | 0.027 | | |
| 15960 | 0.027 | | |
| 16020 | 0.027 | | |
| 16080 | 0.027 | | |
| 16140 | 0.027 | | |
| 16200 | 0.028 | | |
| 16260 | 0.036 | | |
| 16320 | 0.029 | | |
| 16380 | 0.029 | | |
| 16440 | 0.028 | | |
| 16500 | 0.029 | | |
| 16560 | 0.029 | | |
| 16620 | 0.03 | | |
| 16680 | 0.03 | | |
| 16740 | 0.031 | | |
| 16800 | 0.031 | | |
| 16860 | 0.039 | | |
| 16920 | 0.039 | | |
| 16980 | 0.034 | | |
| 17040 | 0.033 | | |
| 17100 | 0.033 | | |
| 17160 | 0.032 | | |
| 17220 | 0.036 | | |
| 17280 | 0.034 | | |
| 17340 | 0.034 | | |
| 17400 | 0.036 | | |
| 17460 | 0.038 | | |
| 17520 | 0.053 | | |
| 17580 | 0.045 | | |
| 17640 | 0.034 | | |
| 17700 | 0.033 | | |
| 17760 | 0.033 | | |
| 17820 | 0.037 | | |
| 17880 | 0.035 | | |
| 17940 | 0.033 | | |
| 18000 | 0.033 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.033 | | |
| 18120 | 0.034 | | |
| 18180 | 0.037 | | |
| 18240 | 0.033 | | |
| 18300 | 0.034 | | |
| 18360 | 0.038 | | |
| 18420 | 0.038 | | |
| 18480 | 0.035 | | |
| 18540 | 0.037 | | |
| 18600 | 0.034 | | |
| 18660 | 0.034 | | |
| 18720 | 0.037 | | |
| 18780 | 0.034 | | |
| 18840 | 0.035 | | |
| 18900 | 0.034 | | |
| 18960 | 0.035 | | |
| 19020 | 0.033 | | |
| 19080 | 0.035 | | |
| 19140 | 0.037 | | |
| 19200 | 0.033 | | |
| 19260 | 0.033 | | |
| 19320 | 0.033 | | |
| 19380 | 0.033 | | |
| 19440 | 0.033 | | |
| 19500 | 0.033 | | |
| 19560 | 0.033 | | |
| 19620 | 0.033 | | |
| 19680 | 0.033 | | |
| 19740 | 0.033 | | |
| 19800 | 0.033 | | |
| 19860 | 0.035 | | |
| 19920 | 0.035 | | |
| 19980 | 0.033 | | |
| 20040 | 0.035 | | |
| 20100 | 0.036 | | |
| 20160 | 0.033 | | |
| 20220 | 0.036 | | |
| 20280 | 0.037 | | |
| 20340 | 0.038 | | |
| 20400 | 0.034 | | |
| 20460 | 0.034 | | |
| 20520 | 0.032 | | |
| 20580 | 0.03 | | |
| 20640 | 0.033 | | |
| 20700 | 0.033 | | |
| 20760 | 0.033 | | |
| 20820 | 0.031 | | |
| 20880 | 0.03 | | |
| 20940 | 0.032 | | |
| 21000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.03 | | |
| 21120 | 0.029 | | |
| 21180 | 0.029 | | |
| 21240 | 0.029 | | |
| 21300 | 0.028 | | |
| 21360 | 0.031 | | |
| 21420 | 0.031 | | |
| 21480 | 0.03 | | |
| 21540 | 0.03 | | |
| 21600 | 0.029 | | |
| 21660 | 0.028 | | |
| 21720 | 0.029 | | |
| 21780 | 0.029 | | |
| 21840 | 0.033 | | |
| 21900 | 0.029 | | |
| 21960 | 0.028 | | |
| 22020 | 0.032 | | |
| 22080 | 0.029 | | |
| 22140 | 0.031 | | |
| 22200 | 0.03 | | |
| 22260 | 0.029 | | |
| 22320 | 0.028 | | |
| 22380 | 0.029 | | |
| 22440 | 0.029 | | |
| 22500 | 0.028 | | |
| 22560 | 0.027 | | |
| 22620 | 0.027 | | |
| 22680 | 0.028 | | |
| 22740 | 0.031 | | |
| 22800 | 0.03 | | |
| 22860 | 0.029 | | |
| 22920 | 0.028 | | |
| 22980 | 0.027 | | |
| 23040 | 0.028 | | |
| 23100 | 0.027 | | |
| 23160 | 0.028 | | |
| 23220 | 0.033 | | |
| 23280 | 0.029 | | |
| 23340 | 0.029 | | |
| 23400 | 0.028 | | |
| 23460 | 0.027 | | |
| 23520 | 0.028 | | |
| 23580 | 0.027 | | |
| 23640 | 0.029 | | |
| 23700 | 0.027 | | |
| 23760 | 0.026 | | |
| 23820 | 0.026 | | |
| 23880 | 0.027 | | |
| 23940 | 0.026 | | |
| 24000 | 0.026 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.026 | | |
| 24120 | 0.028 | | |
| 24180 | 0.028 | | |
| 24240 | 0.027 | | |
| 24300 | 0.03 | | |
| 24360 | 0.029 | | |
| 24420 | 0.028 | | |
| 24480 | 0.031 | | |
| 24540 | 0.03 | | |
| 24600 | 0.029 | | |
| 24660 | 0.029 | | |
| 24720 | 0.027 | | |
| 24780 | 0.027 | | |
| 24840 | 0.027 | | |
| 24900 | 0.028 | | |
| 24960 | 0.026 | | |
| 25020 | 0.026 | | |
| 25080 | 0.025 | | |
| 25140 | 0.027 | | |
| 25200 | 0.026 | | |
| 25260 | 0.025 | | |
| 25320 | 0.025 | | |
| 25380 | 0.026 | | |
| 25440 | 0.026 | | |
| 25500 | 0.027 | | |
| 25560 | 0.026 | | |
| 25620 | 0.025 | | |
| 25680 | 0.025 | | |
| 25740 | 0.029 | | |
| 25800 | 0.026 | | |
| 25860 | 0.026 | | |
| 25920 | 0.026 | | |
| 25980 | 0.025 | | |
| 26040 | 0.026 | | |
| 26100 | 0.025 | | |
| 26160 | 0.026 | | |
| 26220 | 0.026 | | |
| 26280 | 0.025 | | |
| 26340 | 0.025 | | |
| 26400 | 0.025 | | |
| 26460 | 0.03 | | |
| 26520 | 0.028 | | |
| 26580 | 0.025 | | |
| 26640 | 0.025 | | |
| 26700 | 0.026 | | |
| 26760 | 0.026 | | |
| 26820 | 0.025 | | |
| 26880 | 0.026 | | |
| 26940 | 0.027 | | |
| 27000 | 0.026 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.026 | | |
| 27120 | 0.026 | | |
| 27180 | 0.026 | | |
| 27240 | 0.026 | | |
| 27300 | 0.025 | | |
| 27360 | 0.026 | | |
| 27420 | 0.038 | | |
| 27480 | 0.032 | | |
| 27540 | 0.028 | | |
| 27600 | 0.033 | | |
| 27660 | 0.037 | | |
| 27720 | 0.026 | | |
| 27780 | 0.025 | | |
| 27840 | 0.025 | | |
| 27900 | 0.026 | | |
| 27960 | 0.027 | | |
| 28020 | 0.027 | | |
| 28080 | 0.028 | | |
| 28140 | 0.027 | | |
| 28200 | 0.027 | | |
| 28260 | 0.027 | | |
| 28320 | 0.026 | | |
| 28380 | 0.027 | | |
| 28440 | 0.028 | | |
| 28500 | 0.026 | | |
| 28560 | 0.025 | | |
| 28620 | 0.024 | | |
| 28680 | 0.024 | | |
| 28740 | 0.024 | | |
| 28800 | 0.03 | | |
| 28860 | 0.028 | | |
| 28920 | 0.024 | | |
| 28980 | 0.024 | | |
| 29040 | 0.025 | | |
| 29100 | 0.025 | | |
| 29160 | 0.024 | | |
| 29220 | 0.024 | | |
| 29280 | 0.024 | | |
| 29340 | 0.025 | | |
| 29400 | 0.024 | | |
| 29460 | 0.024 | | |
| 29520 | 0.024 | | |
| 29580 | 0.024 | | |
| 29640 | 0.024 | | |
| 29700 | 0.024 | | |
| 29760 | 0.024 | | |
| 29820 | 0.024 | | |
| 29880 | 0.024 | | |
| 29940 | 0.024 | | |
| 30000 | 0.027 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:08:08 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:31 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.025 |
| Mass Minimum [mg/m3] | 0.016 |
| Mass Maximum [mg/m3] | 0.053 |
| Mass TWA [mg/m3] | 0.026 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 511 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 30060 | 0.027 | | |
| 30120 | 0.024 | | |
| 30180 | 0.024 | | |
| 30240 | 0.024 | | |
| 30300 | 0.024 | | |
| 30360 | 0.024 | | |
| 30420 | 0.024 | | |
| 30480 | 0.024 | | |
| 30540 | 0.023 | | |
| 30600 | 0.022 | | |
| 30660 | 0.023 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.045 | | |
| 120 | 0.044 | | |
| 180 | 0.043 | | |
| 240 | 0.044 | | |
| 300 | 0.046 | | |
| 360 | 0.045 | | |
| 420 | 0.043 | | |
| 480 | 0.043 | | |
| 540 | 0.042 | | |
| 600 | 0.041 | | |
| 660 | 0.039 | | |
| 720 | 0.038 | | |
| 780 | 0.037 | | |
| 840 | 0.04 | | |
| 900 | 0.039 | | |
| 960 | 0.038 | | |
| 1020 | 0.038 | | |
| 1080 | 0.038 | | |
| 1140 | 0.038 | | |
| 1200 | 0.037 | | |
| 1260 | 0.037 | | |
| 1320 | 0.037 | | |
| 1380 | 0.037 | | |
| 1440 | 0.037 | | |
| 1500 | 0.036 | | |
| 1560 | 0.036 | | |
| 1620 | 0.036 | | |
| 1680 | 0.036 | | |
| 1740 | 0.036 | | |
| 1800 | 0.036 | | |
| 1860 | 0.035 | | |
| 1920 | 0.035 | | |
| 1980 | 0.035 | | |
| 2040 | 0.035 | | |
| 2100 | 0.035 | | |
| 2160 | 0.035 | | |
| 2220 | 0.035 | | |
| 2280 | 0.034 | | |
| 2340 | 0.034 | | |
| 2400 | 0.035 | | |
| 2460 | 0.035 | | |
| 2520 | 0.035 | | |
| 2580 | 0.035 | | |
| 2640 | 0.035 | | |
| 2700 | 0.035 | | |
| 2760 | 0.035 | | |
| 2820 | 0.035 | | |
| 2880 | 0.035 | | |
| 2940 | 0.036 | | |
| 3000 | 0.036 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.035 | | |
| 3120 | 0.035 | | |
| 3180 | 0.035 | | |
| 3240 | 0.036 | | |
| 3300 | 0.038 | | |
| 3360 | 0.039 | | |
| 3420 | 0.036 | | |
| 3480 | 0.036 | | |
| 3540 | 0.035 | | |
| 3600 | 0.037 | | |
| 3660 | 0.036 | | |
| 3720 | 0.038 | | |
| 3780 | 0.037 | | |
| 3840 | 0.037 | | |
| 3900 | 0.038 | | |
| 3960 | 0.038 | | |
| 4020 | 0.037 | | |
| 4080 | 0.037 | | |
| 4140 | 0.038 | | |
| 4200 | 0.038 | | |
| 4260 | 0.038 | | |
| 4320 | 0.038 | | |
| 4380 | 0.038 | | |
| 4440 | 0.037 | | |
| 4500 | 0.037 | | |
| 4560 | 0.038 | | |
| 4620 | 0.04 | | |
| 4680 | 0.042 | | |
| 4740 | 0.043 | | |
| 4800 | 0.043 | | |
| 4860 | 0.041 | | |
| 4920 | 0.041 | | |
| 4980 | 0.04 | | |
| 5040 | 0.041 | | |
| 5100 | 0.041 | | |
| 5160 | 0.041 | | |
| 5220 | 0.042 | | |
| 5280 | 0.04 | | |
| 5340 | 0.039 | | |
| 5400 | 0.039 | | |
| 5460 | 0.039 | | |
| 5520 | 0.039 | | |
| 5580 | 0.041 | | |
| 5640 | 0.042 | | |
| 5700 | 0.042 | | |
| 5760 | 0.042 | | |
| 5820 | 0.041 | | |
| 5880 | 0.041 | | |
| 5940 | 0.04 | | |
| 6000 | 0.04 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.039 | | |
| 6120 | 0.04 | | |
| 6180 | 0.039 | | |
| 6240 | 0.039 | | |
| 6300 | 0.039 | | |
| 6360 | 0.038 | | |
| 6420 | 0.037 | | |
| 6480 | 0.037 | | |
| 6540 | 0.038 | | |
| 6600 | 0.037 | | |
| 6660 | 0.037 | | |
| 6720 | 0.037 | | |
| 6780 | 0.037 | | |
| 6840 | 0.037 | | |
| 6900 | 0.038 | | |
| 6960 | 0.037 | | |
| 7020 | 0.037 | | |
| 7080 | 0.038 | | |
| 7140 | 0.04 | | |
| 7200 | 0.037 | | |
| 7260 | 0.037 | | |
| 7320 | 0.036 | | |
| 7380 | 0.037 | | |
| 7440 | 0.036 | | |
| 7500 | 0.035 | | |
| 7560 | 0.035 | | |
| 7620 | 0.035 | | |
| 7680 | 0.035 | | |
| 7740 | 0.035 | | |
| 7800 | 0.035 | | |
| 7860 | 0.034 | | |
| 7920 | 0.034 | | |
| 7980 | 0.034 | | |
| 8040 | 0.035 | | |
| 8100 | 0.034 | | |
| 8160 | 0.033 | | |
| 8220 | 0.033 | | |
| 8280 | 0.034 | | |
| 8340 | 0.033 | | |
| 8400 | 0.033 | | |
| 8460 | 0.033 | | |
| 8520 | 0.033 | | |
| 8580 | 0.033 | | |
| 8640 | 0.033 | | |
| 8700 | 0.033 | | |
| 8760 | 0.033 | | |
| 8820 | 0.032 | | |
| 8880 | 0.032 | | |
| 8940 | 0.031 | | |
| 9000 | 0.031 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.032 | | |
| 9120 | 0.032 | | |
| 9180 | 0.032 | | |
| 9240 | 0.032 | | |
| 9300 | 0.032 | | |
| 9360 | 0.033 | | |
| 9420 | 0.034 | | |
| 9480 | 0.034 | | |
| 9540 | 0.033 | | |
| 9600 | 0.033 | | |
| 9660 | 0.033 | | |
| 9720 | 0.032 | | |
| 9780 | 0.033 | | |
| 9840 | 0.033 | | |
| 9900 | 0.034 | | |
| 9960 | 0.034 | | |
| 10020 | 0.035 | | |
| 10080 | 0.034 | | |
| 10140 | 0.033 | | |
| 10200 | 0.032 | | |
| 10260 | 0.033 | | |
| 10320 | 0.032 | | |
| 10380 | 0.031 | | |
| 10440 | 0.031 | | |
| 10500 | 0.032 | | |
| 10560 | 0.033 | | |
| 10620 | 0.033 | | |
| 10680 | 0.032 | | |
| 10740 | 0.032 | | |
| 10800 | 0.032 | | |
| 10860 | 0.031 | | |
| 10920 | 0.031 | | |
| 10980 | 0.031 | | |
| 11040 | 0.03 | | |
| 11100 | 0.029 | | |
| 11160 | 0.029 | | |
| 11220 | 0.028 | | |
| 11280 | 0.028 | | |
| 11340 | 0.029 | | |
| 11400 | 0.029 | | |
| 11460 | 0.029 | | |
| 11520 | 0.027 | | |
| 11580 | 0.026 | | |
| 11640 | 0.026 | | |
| 11700 | 0.026 | | |
| 11760 | 0.026 | | |
| 11820 | 0.026 | | |
| 11880 | 0.026 | | |
| 11940 | 0.026 | | |
| 12000 | 0.026 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.026 | | |
| 12120 | 0.026 | | |
| 12180 | 0.026 | | |
| 12240 | 0.026 | | |
| 12300 | 0.027 | | |
| 12360 | 0.027 | | |
| 12420 | 0.026 | | |
| 12480 | 0.026 | | |
| 12540 | 0.026 | | |
| 12600 | 0.026 | | |
| 12660 | 0.026 | | |
| 12720 | 0.025 | | |
| 12780 | 0.025 | | |
| 12840 | 0.026 | | |
| 12900 | 0.025 | | |
| 12960 | 0.025 | | |
| 13020 | 0.026 | | |
| 13080 | 0.026 | | |
| 13140 | 0.026 | | |
| 13200 | 0.026 | | |
| 13260 | 0.026 | | |
| 13320 | 0.026 | | |
| 13380 | 0.026 | | |
| 13440 | 0.025 | | |
| 13500 | 0.026 | | |
| 13560 | 0.025 | | |
| 13620 | 0.025 | | |
| 13680 | 0.025 | | |
| 13740 | 0.025 | | |
| 13800 | 0.025 | | |
| 13860 | 0.024 | | |
| 13920 | 0.024 | | |
| 13980 | 0.025 | | |
| 14040 | 0.025 | | |
| 14100 | 0.025 | | |
| 14160 | 0.024 | | |
| 14220 | 0.024 | | |
| 14280 | 0.023 | | |
| 14340 | 0.024 | | |
| 14400 | 0.023 | | |
| 14460 | 0.023 | | |
| 14520 | 0.022 | | |
| 14580 | 0.022 | | |
| 14640 | 0.022 | | |
| 14700 | 0.022 | | |
| 14760 | 0.022 | | |
| 14820 | 0.023 | | |
| 14880 | 0.023 | | |
| 14940 | 0.023 | | |
| 15000 | 0.023 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.024 | | |
| 15120 | 0.023 | | |
| 15180 | 0.023 | | |
| 15240 | 0.023 | | |
| 15300 | 0.021 | | |
| 15360 | 0.021 | | |
| 15420 | 0.022 | | |
| 15480 | 0.024 | | |
| 15540 | 0.023 | | |
| 15600 | 0.022 | | |
| 15660 | 0.023 | | |
| 15720 | 0.024 | | |
| 15780 | 0.024 | | |
| 15840 | 0.024 | | |
| 15900 | 0.023 | | |
| 15960 | 0.023 | | |
| 16020 | 0.022 | | |
| 16080 | 0.022 | | |
| 16140 | 0.024 | | |
| 16200 | 0.022 | | |
| 16260 | 0.022 | | |
| 16320 | 0.021 | | |
| 16380 | 0.022 | | |
| 16440 | 0.022 | | |
| 16500 | 0.022 | | |
| 16560 | 0.022 | | |
| 16620 | 0.022 | | |
| 16680 | 0.022 | | |
| 16740 | 0.023 | | |
| 16800 | 0.021 | | |
| 16860 | 0.023 | | |
| 16920 | 0.024 | | |
| 16980 | 0.024 | | |
| 17040 | 0.023 | | |
| 17100 | 0.023 | | |
| 17160 | 0.022 | | |
| 17220 | 0.022 | | |
| 17280 | 0.022 | | |
| 17340 | 0.025 | | |
| 17400 | 0.023 | | |
| 17460 | 0.026 | | |
| 17520 | 0.023 | | |
| 17580 | 0.03 | | |
| 17640 | 0.024 | | |
| 17700 | 0.023 | | |
| 17760 | 0.022 | | |
| 17820 | 0.023 | | |
| 17880 | 0.023 | | |
| 17940 | 0.023 | | |
| 18000 | 0.022 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.023 | | |
| 18120 | 0.024 | | |
| 18180 | 0.023 | | |
| 18240 | 0.022 | | |
| 18300 | 0.023 | | |
| 18360 | 0.023 | | |
| 18420 | 0.024 | | |
| 18480 | 0.024 | | |
| 18540 | 0.024 | | |
| 18600 | 0.024 | | |
| 18660 | 0.027 | | |
| 18720 | 0.024 | | |
| 18780 | 0.024 | | |
| 18840 | 0.023 | | |
| 18900 | 0.023 | | |
| 18960 | 0.022 | | |
| 19020 | 0.022 | | |
| 19080 | 0.023 | | |
| 19140 | 0.025 | | |
| 19200 | 0.025 | | |
| 19260 | 0.023 | | |
| 19320 | 0.024 | | |
| 19380 | 0.024 | | |
| 19440 | 0.024 | | |
| 19500 | 0.025 | | |
| 19560 | 0.024 | | |
| 19620 | 0.024 | | |
| 19680 | 0.024 | | |
| 19740 | 0.024 | | |
| 19800 | 0.023 | | |
| 19860 | 0.024 | | |
| 19920 | 0.023 | | |
| 19980 | 0.024 | | |
| 20040 | 0.025 | | |
| 20100 | 0.024 | | |
| 20160 | 0.024 | | |
| 20220 | 0.024 | | |
| 20280 | 0.025 | | |
| 20340 | 0.025 | | |
| 20400 | 0.024 | | |
| 20460 | 0.024 | | |
| 20520 | 0.024 | | |
| 20580 | 0.024 | | |
| 20640 | 0.025 | | |
| 20700 | 0.024 | | |
| 20760 | 0.025 | | |
| 20820 | 0.024 | | |
| 20880 | 0.024 | | |
| 20940 | 0.022 | | |
| 21000 | 0.022 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.023 | | |
| 21120 | 0.024 | | |
| 21180 | 0.024 | | |
| 21240 | 0.024 | | |
| 21300 | 0.024 | | |
| 21360 | 0.024 | | |
| 21420 | 0.025 | | |
| 21480 | 0.025 | | |
| 21540 | 0.026 | | |
| 21600 | 0.025 | | |
| 21660 | 0.026 | | |
| 21720 | 0.026 | | |
| 21780 | 0.026 | | |
| 21840 | 0.026 | | |
| 21900 | 0.026 | | |
| 21960 | 0.026 | | |
| 22020 | 0.027 | | |
| 22080 | 0.029 | | |
| 22140 | 0.03 | | |
| 22200 | 0.028 | | |
| 22260 | 0.029 | | |
| 22320 | 0.03 | | |
| 22380 | 0.028 | | |
| 22440 | 0.028 | | |
| 22500 | 0.029 | | |
| 22560 | 0.028 | | |
| 22620 | 0.028 | | |
| 22680 | 0.028 | | |
| 22740 | 0.028 | | |
| 22800 | 0.028 | | |
| 22860 | 0.028 | | |
| 22920 | 0.028 | | |
| 22980 | 0.028 | | |
| 23040 | 0.03 | | |
| 23100 | 0.03 | | |
| 23160 | 0.03 | | |
| 23220 | 0.03 | | |
| 23280 | 0.031 | | |
| 23340 | 0.031 | | |
| 23400 | 0.03 | | |
| 23460 | 0.03 | | |
| 23520 | 0.029 | | |
| 23580 | 0.029 | | |
| 23640 | 0.031 | | |
| 23700 | 0.031 | | |
| 23760 | 0.033 | | |
| 23820 | 0.032 | | |
| 23880 | 0.031 | | |
| 23940 | 0.031 | | |
| 24000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.028 | | |
| 24120 | 0.028 | | |
| 24180 | 0.028 | | |
| 24240 | 0.027 | | |
| 24300 | 0.027 | | |
| 24360 | 0.027 | | |
| 24420 | 0.027 | | |
| 24480 | 0.027 | | |
| 24540 | 0.028 | | |
| 24600 | 0.029 | | |
| 24660 | 0.029 | | |
| 24720 | 0.028 | | |
| 24780 | 0.027 | | |
| 24840 | 0.027 | | |
| 24900 | 0.027 | | |
| 24960 | 0.027 | | |
| 25020 | 0.028 | | |
| 25080 | 0.029 | | |
| 25140 | 0.029 | | |
| 25200 | 0.03 | | |
| 25260 | 0.03 | | |
| 25320 | 0.034 | | |
| 25380 | 0.031 | | |
| 25440 | 0.031 | | |
| 25500 | 0.031 | | |
| 25560 | 0.03 | | |
| 25620 | 0.031 | | |
| 25680 | 0.03 | | |
| 25740 | 0.032 | | |
| 25800 | 0.031 | | |
| 25860 | 0.032 | | |
| 25920 | 0.031 | | |
| 25980 | 0.031 | | |
| 26040 | 0.031 | | |
| 26100 | 0.031 | | |
| 26160 | 0.031 | | |
| 26220 | 0.031 | | |
| 26280 | 0.031 | | |
| 26340 | 0.031 | | |
| 26400 | 0.031 | | |
| 26460 | 0.031 | | |
| 26520 | 0.031 | | |
| 26580 | 0.031 | | |
| 26640 | 0.03 | | |
| 26700 | 0.03 | | |
| 26760 | 0.03 | | |
| 26820 | 0.03 | | |
| 26880 | 0.03 | | |
| 26940 | 0.03 | | |
| 27000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.03 | | |
| 27120 | 0.03 | | |
| 27180 | 0.03 | | |
| 27240 | 0.03 | | |
| 27300 | 0.03 | | |
| 27360 | 0.03 | | |
| 27420 | 0.029 | | |
| 27480 | 0.03 | | |
| 27540 | 0.03 | | |
| 27600 | 0.03 | | |
| 27660 | 0.031 | | |
| 27720 | 0.029 | | |
| 27780 | 0.029 | | |
| 27840 | 0.028 | | |
| 27900 | 0.028 | | |
| 27960 | 0.028 | | |
| 28020 | 0.028 | | |
| 28080 | 0.028 | | |
| 28140 | 0.029 | | |
| 28200 | 0.029 | | |
| 28260 | 0.028 | | |
| 28320 | 0.028 | | |
| 28380 | 0.029 | | |
| 28440 | 0.03 | | |
| 28500 | 0.028 | | |
| 28560 | 0.028 | | |
| 28620 | 0.031 | | |
| 28680 | 0.029 | | |
| 28740 | 0.029 | | |
| 28800 | 0.029 | | |
| 28860 | 0.029 | | |
| 28920 | 0.029 | | |
| 28980 | 0.028 | | |
| 29040 | 0.029 | | |
| 29100 | 0.029 | | |
| 29160 | 0.029 | | |
| 29220 | 0.029 | | |
| 29280 | 0.028 | | |
| 29340 | 0.026 | | |
| 29400 | 0.026 | | |
| 29460 | 0.026 | | |
| 29520 | 0.027 | | |
| 29580 | 0.028 | | |
| 29640 | 0.027 | | |
| 29700 | 0.027 | | |
| 29760 | 0.029 | | |
| 29820 | 0.029 | | |
| 29880 | 0.028 | | |
| 29940 | 0.028 | | |
| 30000 | 0.027 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 30060 | 0.028 | | |
| 30120 | 0.028 | | |
| 30180 | 0.028 | | |
| 30240 | 0.028 | | |
| 30300 | 0.028 | | |
| 30360 | 0.028 | | |
| 30420 | 0.028 | | |
| 30480 | 0.029 | | |
| 30540 | 0.028 | | |
| 30600 | 0.029 | | |
| 30660 | 0.028 | | |
| 30720 | 0.029 | | |
| 30780 | 0.029 | | |
| 30840 | 0.028 | | |
| 30900 | 0.028 | | |
| 30960 | 0.027 | | |
| 31020 | 0.028 | | |
| 31080 | 0.027 | | |
| 31140 | 0.027 | | |
| 31200 | 0.027 | | |
| 31260 | 0.027 | | |
| 31320 | 0.027 | | |
| 31380 | 0.027 | | |
| 31440 | 0.027 | | |
| 31500 | 0.027 | | |
| 31560 | 0.027 | | |
| 31620 | 0.027 | | |
| 31680 | 0.027 | | |
| 31740 | 0.027 | | |
| 31800 | 0.027 | | |
| 31860 | 0.027 | | |
| 31920 | 0.027 | | |
| 31980 | 0.026 | | |
| 32040 | 0.026 | | |
| 32100 | 0.027 | | |
| 32160 | 0.026 | | |
| 32220 | 0.024 | | |
| 32280 | 0.024 | | |
| 32340 | 0.024 | | |
| 32400 | 0.024 | | |
| 32460 | 0.023 | | |
| 32520 | 0.025 | | |
| 32580 | 0.026 | | |
| 32640 | 0.024 | | |
| 32700 | 0.023 | | |
| 32760 | 0.023 | | |
| 32820 | 0.024 | | |
| 32880 | 0.024 | | |
| 32940 | 0.023 | | |
| 33000 | 0.023 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | |
| Test Start Time | 7:43:52 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:09:13 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.03 |
| Mass Minimum [mg/m3] | 0.021 |
| Mass Maximum [mg/m3] | 0.046 |
| Mass TWA [mg/m3] | 0.03 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 553 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 33060 | 0.024 | | |
| 33120 | 0.025 | | |
| 33180 | 0.026 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.059 | | |
| 120 | 0.058 | | |
| 180 | 0.055 | | |
| 240 | 0.061 | | |
| 300 | 0.056 | | |
| 360 | 0.054 | | |
| 420 | 0.054 | | |
| 480 | 0.054 | | |
| 540 | 0.054 | | |
| 600 | 0.054 | | |
| 660 | 0.056 | | |
| 720 | 0.054 | | |
| 780 | 0.054 | | |
| 840 | 0.054 | | |
| 900 | 0.053 | | |
| 960 | 0.054 | | |
| 1020 | 0.054 | | |
| 1080 | 0.055 | | |
| 1140 | 0.056 | | |
| 1200 | 0.054 | | |
| 1260 | 0.054 | | |
| 1320 | 0.054 | | |
| 1380 | 0.054 | | |
| 1440 | 0.054 | | |
| 1500 | 0.054 | | |
| 1560 | 0.054 | | |
| 1620 | 0.054 | | |
| 1680 | 0.06 | | |
| 1740 | 0.056 | | |
| 1800 | 0.056 | | |
| 1860 | 0.055 | | |
| 1920 | 0.055 | | |
| 1980 | 0.055 | | |
| 2040 | 0.055 | | |
| 2100 | 0.054 | | |
| 2160 | 0.054 | | |
| 2220 | 0.054 | | |
| 2280 | 0.055 | | |
| 2340 | 0.054 | | |
| 2400 | 0.054 | | |
| 2460 | 0.054 | | |
| 2520 | 0.054 | | |
| 2580 | 0.054 | | |
| 2640 | 0.054 | | |
| 2700 | 0.054 | | |
| 2760 | 0.053 | | |
| 2820 | 0.054 | | |
| 2880 | 0.054 | | |
| 2940 | 0.054 | | |
| 3000 | 0.053 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.053 | | |
| 3120 | 0.054 | | |
| 3180 | 0.054 | | |
| 3240 | 0.054 | | |
| 3300 | 0.054 | | |
| 3360 | 0.054 | | |
| 3420 | 0.054 | | |
| 3480 | 0.053 | | |
| 3540 | 0.054 | | |
| 3600 | 0.053 | | |
| 3660 | 0.053 | | |
| 3720 | 0.053 | | |
| 3780 | 0.053 | | |
| 3840 | 0.053 | | |
| 3900 | 0.053 | | |
| 3960 | 0.053 | | |
| 4020 | 0.053 | | |
| 4080 | 0.052 | | |
| 4140 | 0.053 | | |
| 4200 | 0.053 | | |
| 4260 | 0.053 | | |
| 4320 | 0.053 | | |
| 4380 | 0.056 | | |
| 4440 | 0.053 | | |
| 4500 | 0.053 | | |
| 4560 | 0.053 | | |
| 4620 | 0.054 | | |
| 4680 | 0.054 | | |
| 4740 | 0.054 | | |
| 4800 | 0.053 | | |
| 4860 | 0.052 | | |
| 4920 | 0.053 | | |
| 4980 | 0.054 | | |
| 5040 | 0.052 | | |
| 5100 | 0.052 | | |
| 5160 | 0.053 | | |
| 5220 | 0.052 | | |
| 5280 | 0.052 | | |
| 5340 | 0.054 | | |
| 5400 | 0.055 | | |
| 5460 | 0.053 | | |
| 5520 | 0.052 | | |
| 5580 | 0.053 | | |
| 5640 | 0.053 | | |
| 5700 | 0.052 | | |
| 5760 | 0.053 | | |
| 5820 | 0.053 | | |
| 5880 | 0.053 | | |
| 5940 | 0.053 | | |
| 6000 | 0.053 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.053 | | |
| 6120 | 0.053 | | |
| 6180 | 0.052 | | |
| 6240 | 0.052 | | |
| 6300 | 0.053 | | |
| 6360 | 0.052 | | |
| 6420 | 0.053 | | |
| 6480 | 0.054 | | |
| 6540 | 0.059 | | |
| 6600 | 0.054 | | |
| 6660 | 0.052 | | |
| 6720 | 0.052 | | |
| 6780 | 0.052 | | |
| 6840 | 0.052 | | |
| 6900 | 0.053 | | |
| 6960 | 0.056 | | |
| 7020 | 0.053 | | |
| 7080 | 0.053 | | |
| 7140 | 0.053 | | |
| 7200 | 0.053 | | |
| 7260 | 0.053 | | |
| 7320 | 0.053 | | |
| 7380 | 0.052 | | |
| 7440 | 0.053 | | |
| 7500 | 0.053 | | |
| 7560 | 0.052 | | |
| 7620 | 0.053 | | |
| 7680 | 0.053 | | |
| 7740 | 0.057 | | |
| 7800 | 0.056 | | |
| 7860 | 0.053 | | |
| 7920 | 0.052 | | |
| 7980 | 0.053 | | |
| 8040 | 0.052 | | |
| 8100 | 0.052 | | |
| 8160 | 0.053 | | |
| 8220 | 0.053 | | |
| 8280 | 0.052 | | |
| 8340 | 0.052 | | |
| 8400 | 0.052 | | |
| 8460 | 0.052 | | |
| 8520 | 0.051 | | |
| 8580 | 0.05 | | |
| 8640 | 0.051 | | |
| 8700 | 0.052 | | |
| 8760 | 0.052 | | |
| 8820 | 0.051 | | |
| 8880 | 0.052 | | |
| 8940 | 0.052 | | |
| 9000 | 0.052 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.052 | | |
| 9120 | 0.053 | | |
| 9180 | 0.052 | | |
| 9240 | 0.051 | | |
| 9300 | 0.051 | | |
| 9360 | 0.051 | | |
| 9420 | 0.051 | | |
| 9480 | 0.051 | | |
| 9540 | 0.051 | | |
| 9600 | 0.051 | | |
| 9660 | 0.052 | | |
| 9720 | 0.052 | | |
| 9780 | 0.052 | | |
| 9840 | 0.051 | | |
| 9900 | 0.052 | | |
| 9960 | 0.052 | | |
| 10020 | 0.052 | | |
| 10080 | 0.052 | | |
| 10140 | 0.052 | | |
| 10200 | 0.051 | | |
| 10260 | 0.051 | | |
| 10320 | 0.051 | | |
| 10380 | 0.052 | | |
| 10440 | 0.052 | | |
| 10500 | 0.052 | | |
| 10560 | 0.051 | | |
| 10620 | 0.052 | | |
| 10680 | 0.052 | | |
| 10740 | 0.052 | | |
| 10800 | 0.052 | | |
| 10860 | 0.052 | | |
| 10920 | 0.051 | | |
| 10980 | 0.051 | | |
| 11040 | 0.051 | | |
| 11100 | 0.051 | | |
| 11160 | 0.051 | | |
| 11220 | 0.051 | | |
| 11280 | 0.051 | | |
| 11340 | 0.051 | | |
| 11400 | 0.053 | | |
| 11460 | 0.052 | | |
| 11520 | 0.052 | | |
| 11580 | 0.052 | | |
| 11640 | 0.052 | | |
| 11700 | 0.052 | | |
| 11760 | 0.052 | | |
| 11820 | 0.052 | | |
| 11880 | 0.052 | | |
| 11940 | 0.052 | | |
| 12000 | 0.053 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.053 | | |
| 12120 | 0.052 | | |
| 12180 | 0.053 | | |
| 12240 | 0.053 | | |
| 12300 | 0.053 | | |
| 12360 | 0.053 | | |
| 12420 | 0.053 | | |
| 12480 | 0.053 | | |
| 12540 | 0.053 | | |
| 12600 | 0.053 | | |
| 12660 | 0.052 | | |
| 12720 | 0.053 | | |
| 12780 | 0.052 | | |
| 12840 | 0.052 | | |
| 12900 | 0.053 | | |
| 12960 | 0.053 | | |
| 13020 | 0.053 | | |
| 13080 | 0.053 | | |
| 13140 | 0.053 | | |
| 13200 | 0.055 | | |
| 13260 | 0.055 | | |
| 13320 | 0.054 | | |
| 13380 | 0.054 | | |
| 13440 | 0.054 | | |
| 13500 | 0.054 | | |
| 13560 | 0.054 | | |
| 13620 | 0.056 | | |
| 13680 | 0.055 | | |
| 13740 | 0.054 | | |
| 13800 | 0.054 | | |
| 13860 | 0.055 | | |
| 13920 | 0.055 | | |
| 13980 | 0.053 | | |
| 14040 | 0.053 | | |
| 14100 | 0.054 | | |
| 14160 | 0.054 | | |
| 14220 | 0.054 | | |
| 14280 | 0.054 | | |
| 14340 | 0.053 | | |
| 14400 | 0.053 | | |
| 14460 | 0.053 | | |
| 14520 | 0.053 | | |
| 14580 | 0.052 | | |
| 14640 | 0.053 | | |
| 14700 | 0.053 | | |
| 14760 | 0.053 | | |
| 14820 | 0.057 | | |
| 14880 | 0.053 | | |
| 14940 | 0.054 | | |
| 15000 | 0.054 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.054 | | |
| 15120 | 0.054 | | |
| 15180 | 0.053 | | |
| 15240 | 0.053 | | |
| 15300 | 0.053 | | |
| 15360 | 0.053 | | |
| 15420 | 0.053 | | |
| 15480 | 0.053 | | |
| 15540 | 0.052 | | |
| 15600 | 0.053 | | |
| 15660 | 0.052 | | |
| 15720 | 0.052 | | |
| 15780 | 0.052 | | |
| 15840 | 0.053 | | |
| 15900 | 0.053 | | |
| 15960 | 0.053 | | |
| 16020 | 0.052 | | |
| 16080 | 0.056 | | |
| 16140 | 0.053 | | |
| 16200 | 0.052 | | |
| 16260 | 0.052 | | |
| 16320 | 0.052 | | |
| 16380 | 0.052 | | |
| 16440 | 0.053 | | |
| 16500 | 0.053 | | |
| 16560 | 0.052 | | |
| 16620 | 0.054 | | |
| 16680 | 0.053 | | |
| 16740 | 0.053 | | |
| 16800 | 0.053 | | |
| 16860 | 0.053 | | |
| 16920 | 0.053 | | |
| 16980 | 0.054 | | |
| 17040 | 0.054 | | |
| 17100 | 0.054 | | |
| 17160 | 0.054 | | |
| 17220 | 0.054 | | |
| 17280 | 0.055 | | |
| 17340 | 0.056 | | |
| 17400 | 0.057 | | |
| 17460 | 0.058 | | |
| 17520 | 0.058 | | |
| 17580 | 0.056 | | |
| 17640 | 0.055 | | |
| 17700 | 0.056 | | |
| 17760 | 0.055 | | |
| 17820 | 0.054 | | |
| 17880 | 0.055 | | |
| 17940 | 0.055 | | |
| 18000 | 0.055 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.055 | | |
| 18120 | 0.054 | | |
| 18180 | 0.055 | | |
| 18240 | 0.054 | | |
| 18300 | 0.055 | | |
| 18360 | 0.059 | | |
| 18420 | 0.058 | | |
| 18480 | 0.056 | | |
| 18540 | 0.06 | | |
| 18600 | 0.059 | | |
| 18660 | 0.056 | | |
| 18720 | 0.058 | | |
| 18780 | 0.058 | | |
| 18840 | 0.058 | | |
| 18900 | 0.067 | | |
| 18960 | 0.063 | | |
| 19020 | 0.057 | | |
| 19080 | 0.064 | | |
| 19140 | 0.057 | | |
| 19200 | 0.075 | | |
| 19260 | 0.062 | | |
| 19320 | 0.057 | | |
| 19380 | 0.058 | | |
| 19440 | 0.059 | | |
| 19500 | 0.057 | | |
| 19560 | 0.057 | | |
| 19620 | 0.057 | | |
| 19680 | 0.057 | | |
| 19740 | 0.057 | | |
| 19800 | 0.058 | | |
| 19860 | 0.057 | | |
| 19920 | 0.057 | | |
| 19980 | 0.057 | | |
| 20040 | 0.058 | | |
| 20100 | 0.058 | | |
| 20160 | 0.06 | | |
| 20220 | 0.058 | | |
| 20280 | 0.058 | | |
| 20340 | 0.057 | | |
| 20400 | 0.058 | | |
| 20460 | 0.058 | | |
| 20520 | 0.058 | | |
| 20580 | 0.062 | | |
| 20640 | 0.064 | | |
| 20700 | 0.065 | | |
| 20760 | 0.066 | | |
| 20820 | 0.067 | | |
| 20880 | 0.067 | | |
| 20940 | 0.067 | | |
| 21000 | 0.067 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.074 | | |
| 21120 | 0.067 | | |
| 21180 | 0.067 | | |
| 21240 | 0.067 | | |
| 21300 | 0.068 | | |
| 21360 | 0.067 | | |
| 21420 | 0.067 | | |
| 21480 | 0.067 | | |
| 21540 | 0.067 | | |
| 21600 | 0.068 | | |
| 21660 | 0.069 | | |
| 21720 | 0.068 | | |
| 21780 | 0.067 | | |
| 21840 | 0.067 | | |
| 21900 | 0.067 | | |
| 21960 | 0.067 | | |
| 22020 | 0.067 | | |
| 22080 | 0.067 | | |
| 22140 | 0.067 | | |
| 22200 | 0.067 | | |
| 22260 | 0.067 | | |
| 22320 | 0.067 | | |
| 22380 | 0.066 | | |
| 22440 | 0.066 | | |
| 22500 | 0.066 | | |
| 22560 | 0.067 | | |
| 22620 | 0.067 | | |
| 22680 | 0.066 | | |
| 22740 | 0.066 | | |
| 22800 | 0.066 | | |
| 22860 | 0.066 | | |
| 22920 | 0.066 | | |
| 22980 | 0.066 | | |
| 23040 | 0.065 | | |
| 23100 | 0.065 | | |
| 23160 | 0.065 | | |
| 23220 | 0.065 | | |
| 23280 | 0.065 | | |
| 23340 | 0.065 | | |
| 23400 | 0.066 | | |
| 23460 | 0.066 | | |
| 23520 | 0.065 | | |
| 23580 | 0.064 | | |
| 23640 | 0.064 | | |
| 23700 | 0.065 | | |
| 23760 | 0.065 | | |
| 23820 | 0.065 | | |
| 23880 | 0.064 | | |
| 23940 | 0.08 | | |
| 24000 | 0.07 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(DOWNWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530173226 |
| Firmware Version | 3.1 |
| Calibration Date | 7/16/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:39:50 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:07:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.057 |
| Mass Minimum [mg/m3] | 0.05 |
| Mass Maximum [mg/m3] | 0.178 |
| Mass TWA [mg/m3] | 0.05 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 425 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.069 | | |
| 24120 | 0.065 | | |
| 24180 | 0.072 | | |
| 24240 | 0.065 | | |
| 24300 | 0.064 | | |
| 24360 | 0.063 | | |
| 24420 | 0.064 | | |
| 24480 | 0.065 | | |
| 24540 | 0.066 | | |
| 24600 | 0.067 | | |
| 24660 | 0.065 | | |
| 24720 | 0.066 | | |
| 24780 | 0.063 | | |
| 24840 | 0.064 | | |
| 24900 | 0.066 | | |
| 24960 | 0.064 | | |
| 25020 | 0.066 | | |
| 25080 | 0.065 | | |
| 25140 | 0.066 | | |
| 25200 | 0.066 | | |
| 25260 | 0.064 | | |
| 25320 | 0.066 | | |
| 25380 | 0.103 | | |
| 25440 | 0.178 | | |
| 25500 | 0.157 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.022 | | |
| 120 | 0.011 | | |
| 180 | 0.011 | | |
| 240 | 0.01 | | |
| 300 | 0.009 | | |
| 360 | 0.008 | | |
| 420 | 0.008 | | |
| 480 | 0.007 | | |
| 540 | 0.007 | | |
| 600 | 0.007 | | |
| 660 | 0.007 | | |
| 720 | 0.008 | | |
| 780 | 0.01 | | |
| 840 | 0.007 | | |
| 900 | 0.006 | | |
| 960 | 0.007 | | |
| 1020 | 0.008 | | |
| 1080 | 0.008 | | |
| 1140 | 0.01 | | |
| 1200 | 0.005 | | |
| 1260 | 0.005 | | |
| 1320 | 0.005 | | |
| 1380 | 0.004 | | |
| 1440 | 0.008 | | |
| 1500 | 0.01 | | |
| 1560 | 0.007 | | |
| 1620 | 0.004 | | |
| 1680 | 0.005 | | |
| 1740 | 0.006 | | |
| 1800 | 0.004 | | |
| 1860 | 0.003 | | |
| 1920 | 0.003 | | |
| 1980 | 0.004 | | |
| 2040 | 0.003 | | |
| 2100 | 0.003 | | |
| 2160 | 0.004 | | |
| 2220 | 0.003 | | |
| 2280 | 0.003 | | |
| 2340 | 0.003 | | |
| 2400 | 0.002 | | |
| 2460 | 0.002 | | |
| 2520 | 0.002 | | |
| 2580 | 0.001 | | |
| 2640 | 0.002 | | |
| 2700 | 0.001 | | |
| 2760 | 0.001 | | |
| 2820 | 0.001 | | |
| 2880 | 0.001 | | |
| 2940 | 0.001 | | |
| 3000 | 0.001 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.001 | | |
| 3120 | 0.001 | | |
| 3180 | 0.001 | | |
| 3240 | 0.001 | | |
| 3300 | 0.001 | | |
| 3360 | 0.001 | | |
| 3420 | 0.001 | | |
| 3480 | 0.001 | | |
| 3540 | 0.001 | | |
| 3600 | 0.001 | | |
| 3660 | 0.001 | | |
| 3720 | 0.001 | | |
| 3780 | 0.002 | | |
| 3840 | 0.001 | | |
| 3900 | 0.001 | | |
| 3960 | 0.002 | | |
| 4020 | 0.002 | | |
| 4080 | 0.002 | | |
| 4140 | 0.002 | | |
| 4200 | 0.002 | | |
| 4260 | 0.001 | | |
| 4320 | 0.002 | | |
| 4380 | 0.002 | | |
| 4440 | 0.002 | | |
| 4500 | 0.002 | | |
| 4560 | 0.002 | | |
| 4620 | 0.002 | | |
| 4680 | 0.003 | | |
| 4740 | 0.002 | | |
| 4800 | 0.003 | | |
| 4860 | 0.002 | | |
| 4920 | 0.002 | | |
| 4980 | 0.002 | | |
| 5040 | 0.002 | | |
| 5100 | 0.002 | | |
| 5160 | 0.002 | | |
| 5220 | 0.002 | | |
| 5280 | 0.003 | | |
| 5340 | 0.002 | | |
| 5400 | 0.002 | | |
| 5460 | 0.003 | | |
| 5520 | 0.003 | | |
| 5580 | 0.002 | | |
| 5640 | 0.003 | | |
| 5700 | 0.002 | | |
| 5760 | 0.002 | | |
| 5820 | 0.003 | | |
| 5880 | 0.002 | | |
| 5940 | 0.002 | | |
| 6000 | 0.001 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.001 | | |
| 6120 | 0.001 | | |
| 6180 | 0.002 | | |
| 6240 | 0.003 | | |
| 6300 | 0.003 | | |
| 6360 | 0.001 | | |
| 6420 | 0.001 | | |
| 6480 | 0.001 | | |
| 6540 | 0.001 | | |
| 6600 | 0.001 | | |
| 6660 | 0.001 | | |
| 6720 | 0.001 | | |
| 6780 | 0.001 | | |
| 6840 | 0.001 | | |
| 6900 | 0.001 | | |
| 6960 | 0.002 | | |
| 7020 | 0.001 | | |
| 7080 | 0 | | |
| 7140 | 0 | | |
| 7200 | 0.001 | | |
| 7260 | 0 | | |
| 7320 | 0.001 | | |
| 7380 | 0.001 | | |
| 7440 | 0.001 | | |
| 7500 | 0.001 | | |
| 7560 | 0.001 | | |
| 7620 | 0.003 | | |
| 7680 | 0.006 | | |
| 7740 | 0.005 | | |
| 7800 | 0.002 | | |
| 7860 | 0.003 | | |
| 7920 | 0 | | |
| 7980 | 0.001 | | |
| 8040 | 0.002 | | |
| 8100 | 0 | | |
| 8160 | 0.001 | | |
| 8220 | 0 | | |
| 8280 | 0 | | |
| 8340 | 0 | | |
| 8400 | 0 | | |
| 8460 | 0 | | |
| 8520 | 0.001 | | |
| 8580 | 0.003 | | |
| 8640 | 0.001 | | |
| 8700 | 0 | | |
| 8760 | 0 | | |
| 8820 | 0 | | |
| 8880 | 0 | | |
| 8940 | 0 | | |
| 9000 | 0 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0 | | |
| 9120 | 0 | | |
| 9180 | 0 | | |
| 9240 | 0 | | |
| 9300 | 0.001 | | |
| 9360 | 0 | | |
| 9420 | 0 | | |
| 9480 | 0 | | |
| 9540 | 0 | | |
| 9600 | 0 | | |
| 9660 | 0 | | |
| 9720 | 0 | | |
| 9780 | 0 | | |
| 9840 | 0 | | |
| 9900 | 0 | | |
| 9960 | 0 | | |
| 10020 | 0 | | |
| 10080 | 0 | | |
| 10140 | 0.001 | | |
| 10200 | 0 | | |
| 10260 | 0 | | |
| 10320 | 0 | | |
| 10380 | 0 | | |
| 10440 | 0 | | |
| 10500 | 0 | | |
| 10560 | 0 | | |
| 10620 | 0 | | |
| 10680 | 0 | | |
| 10740 | 0.001 | | |
| 10800 | 0 | | |
| 10860 | 0 | | |
| 10920 | 0 | | |
| 10980 | 0 | | |
| 11040 | 0 | | |
| 11100 | 0 | | |
| 11160 | 0 | | |
| 11220 | 0 | | |
| 11280 | 0 | | |
| 11340 | 0 | | |
| 11400 | 0 | | |
| 11460 | 0 | | |
| 11520 | 0 | | |
| 11580 | 0 | | |
| 11640 | 0 | | |
| 11700 | 0 | | |
| 11760 | 0 | | |
| 11820 | 0 | | |
| 11880 | 0 | | |
| 11940 | 0 | | |
| 12000 | 0 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0 | | |
| 12120 | 0 | | |
| 12180 | 0 | | |
| 12240 | 0 | | |
| 12300 | 0 | | |
| 12360 | 0 | | |
| 12420 | 0 | | |
| 12480 | 0 | | |
| 12540 | 0 | | |
| 12600 | 0 | | |
| 12660 | 0 | | |
| 12720 | 0 | | |
| 12780 | 0.001 | | |
| 12840 | 0.001 | | |
| 12900 | 0 | | |
| 12960 | 0 | | |
| 13020 | 0 | | |
| 13080 | 0 | | |
| 13140 | 0 | | |
| 13200 | 0 | | |
| 13260 | 0 | | |
| 13320 | 0 | | |
| 13380 | 0 | | |
| 13440 | 0 | | |
| 13500 | 0 | | |
| 13560 | 0 | | |
| 13620 | 0 | | |
| 13680 | 0 | | |
| 13740 | 0 | | |
| 13800 | 0 | | |
| 13860 | 0 | | |
| 13920 | 0 | | |
| 13980 | 0 | | |
| 14040 | 0 | | |
| 14100 | 0 | | |
| 14160 | 0 | | |
| 14220 | 0 | | |
| 14280 | 0 | | |
| 14340 | 0 | | |
| 14400 | 0 | | |
| 14460 | 0 | | |
| 14520 | 0 | | |
| 14580 | 0 | | |
| 14640 | 0 | | |
| 14700 | 0 | | |
| 14760 | 0 | | |
| 14820 | 0 | | |
| 14880 | 0 | | |
| 14940 | 0 | | |
| 15000 | 0 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0 | | |
| 15120 | 0 | | |
| 15180 | 0 | | |
| 15240 | 0 | | |
| 15300 | 0 | | |
| 15360 | 0.001 | | |
| 15420 | 0.001 | | |
| 15480 | 0 | | |
| 15540 | 0 | | |
| 15600 | 0.003 | | |
| 15660 | 0 | | |
| 15720 | 0.001 | | |
| 15780 | 0 | | |
| 15840 | 0 | | |
| 15900 | 0 | | |
| 15960 | 0 | | |
| 16020 | 0 | | |
| 16080 | 0 | | |
| 16140 | 0.003 | | |
| 16200 | 0.002 | | |
| 16260 | 0 | | |
| 16320 | 0 | | |
| 16380 | 0 | | |
| 16440 | 0 | | |
| 16500 | 0 | | |
| 16560 | 0 | | |
| 16620 | 0.001 | | |
| 16680 | 0 | | |
| 16740 | 0 | | |
| 16800 | 0 | | |
| 16860 | 0 | | |
| 16920 | 0 | | |
| 16980 | 0 | | |
| 17040 | 0 | | |
| 17100 | 0 | | |
| 17160 | 0 | | |
| 17220 | 0 | | |
| 17280 | 0 | | |
| 17340 | 0.001 | | |
| 17400 | 0 | | |
| 17460 | 0 | | |
| 17520 | 0.001 | | |
| 17580 | 0 | | |
| 17640 | 0.001 | | |
| 17700 | 0 | | |
| 17760 | 0 | | |
| 17820 | 0 | | |
| 17880 | 0 | | |
| 17940 | 0 | | |
| 18000 | 0 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0 | | |
| 18120 | 0 | | |
| 18180 | 0 | | |
| 18240 | 0 | | |
| 18300 | 0 | | |
| 18360 | 0 | | |
| 18420 | 0 | | |
| 18480 | 0 | | |
| 18540 | 0 | | |
| 18600 | 0 | | |
| 18660 | 0 | | |
| 18720 | 0 | | |
| 18780 | 0 | | |
| 18840 | 0 | | |
| 18900 | 0 | | |
| 18960 | 0 | | |
| 19020 | 0 | | |
| 19080 | 0 | | |
| 19140 | 0 | | |
| 19200 | 0 | | |
| 19260 | 0 | | |
| 19320 | 0 | | |
| 19380 | 0 | | |
| 19440 | 0 | | |
| 19500 | 0 | | |
| 19560 | 0 | | |
| 19620 | 0 | | |
| 19680 | 0 | | |
| 19740 | 0 | | |
| 19800 | 0 | | |
| 19860 | 0 | | |
| 19920 | 0 | | |
| 19980 | 0 | | |
| 20040 | 0 | | |
| 20100 | 0 | | |
| 20160 | 0 | | |
| 20220 | 0 | | |
| 20280 | 0 | | |
| 20340 | 0 | | |
| 20400 | 0 | | |
| 20460 | 0 | | |
| 20520 | 0 | | |
| 20580 | 0 | | |
| 20640 | 0 | | |
| 20700 | 0 | | |
| 20760 | 0 | | |
| 20820 | 0 | | |
| 20880 | 0 | | |
| 20940 | 0 | | |
| 21000 | 0 | | |

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_001 |
| Test Start Time | 8:48:48 AM |
| Test Start Date | 8/8/2025 |
| Test Length [D:H:M] | 0:06:26 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.001 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0.001 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 386 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0 | | |
| 21120 | 0 | | |
| 21180 | 0 | | |
| 21240 | 0 | | |
| 21300 | 0 | | |
| 21360 | 0 | | |
| 21420 | 0 | | |
| 21480 | 0 | | |
| 21540 | 0 | | |
| 21600 | 0 | | |
| 21660 | 0 | | |
| 21720 | 0 | | |
| 21780 | 0 | | |
| 21840 | 0.001 | | |
| 21900 | 0.001 | | |
| 21960 | 0.001 | | |
| 22020 | 0 | | |
| 22080 | 0 | | |
| 22140 | 0 | | |
| 22200 | 0 | | |
| 22260 | 0 | | |
| 22320 | 0 | | |
| 22380 | 0 | | |
| 22440 | 0 | | |
| 22500 | 0 | | |
| 22560 | 0 | | |
| 22620 | 0 | | |
| 22680 | 0 | | |
| 22740 | 0 | | |
| 22800 | 0 | | |
| 22860 | 0.002 | | |
| 22920 | 0.004 | | |
| 22980 | 0 | | |
| 23040 | 0 | | |
| 23100 | 0 | | |
| 23160 | 0 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.043 | | |
| 120 | 0.044 | | |
| 180 | 0.033 | | |
| 240 | 0.034 | | |
| 300 | 0.034 | | |
| 360 | 0.029 | | |
| 420 | 0.028 | | |
| 480 | 0.034 | | |
| 540 | 0.034 | | |
| 600 | 0.027 | | |
| 660 | 0.027 | | |
| 720 | 0.028 | | |
| 780 | 0.027 | | |
| 840 | 0.026 | | |
| 900 | 0.026 | | |
| 960 | 0.026 | | |
| 1020 | 0.026 | | |
| 1080 | 0.026 | | |
| 1140 | 0.028 | | |
| 1200 | 0.026 | | |
| 1260 | 0.026 | | |
| 1320 | 0.028 | | |
| 1380 | 0.026 | | |
| 1440 | 0.03 | | |
| 1500 | 0.03 | | |
| 1560 | 0.025 | | |
| 1620 | 0.025 | | |
| 1680 | 0.026 | | |
| 1740 | 0.027 | | |
| 1800 | 0.027 | | |
| 1860 | 0.024 | | |
| 1920 | 0.025 | | |
| 1980 | 0.026 | | |
| 2040 | 0.025 | | |
| 2100 | 0.025 | | |
| 2160 | 0.025 | | |
| 2220 | 0.025 | | |
| 2280 | 0.026 | | |
| 2340 | 0.025 | | |
| 2400 | 0.024 | | |
| 2460 | 0.026 | | |
| 2520 | 0.025 | | |
| 2580 | 0.024 | | |
| 2640 | 0.025 | | |
| 2700 | 0.033 | | |
| 2760 | 0.025 | | |
| 2820 | 0.022 | | |
| 2880 | 0.022 | | |
| 2940 | 0.022 | | |
| 3000 | 0.022 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.023 | | |
| 3120 | 0.022 | | |
| 3180 | 0.021 | | |
| 3240 | 0.021 | | |
| 3300 | 0.02 | | |
| 3360 | 0.02 | | |
| 3420 | 0.02 | | |
| 3480 | 0.02 | | |
| 3540 | 0.019 | | |
| 3600 | 0.019 | | |
| 3660 | 0.019 | | |
| 3720 | 0.019 | | |
| 3780 | 0.019 | | |
| 3840 | 0.018 | | |
| 3900 | 0.019 | | |
| 3960 | 0.019 | | |
| 4020 | 0.018 | | |
| 4080 | 0.018 | | |
| 4140 | 0.018 | | |
| 4200 | 0.018 | | |
| 4260 | 0.018 | | |
| 4320 | 0.017 | | |
| 4380 | 0.018 | | |
| 4440 | 0.018 | | |
| 4500 | 0.018 | | |
| 4560 | 0.019 | | |
| 4620 | 0.018 | | |
| 4680 | 0.018 | | |
| 4740 | 0.017 | | |
| 4800 | 0.017 | | |
| 4860 | 0.018 | | |
| 4920 | 0.015 | | |
| 4980 | 0.015 | | |
| 5040 | 0.015 | | |
| 5100 | 0.017 | | |
| 5160 | 0.017 | | |
| 5220 | 0.016 | | |
| 5280 | 0.017 | | |
| 5340 | 0.016 | | |
| 5400 | 0.041 | | |
| 5460 | 0.028 | | |
| 5520 | 0.017 | | |
| 5580 | 0.016 | | |
| 5640 | 0.016 | | |
| 5700 | 0.017 | | |
| 5760 | 0.018 | | |
| 5820 | 0.019 | | |
| 5880 | 0.017 | | |
| 5940 | 0.015 | | |
| 6000 | 0.015 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.014 | | |
| 6120 | 0.014 | | |
| 6180 | 0.014 | | |
| 6240 | 0.014 | | |
| 6300 | 0.014 | | |
| 6360 | 0.014 | | |
| 6420 | 0.014 | | |
| 6480 | 0.015 | | |
| 6540 | 0.021 | | |
| 6600 | 0.019 | | |
| 6660 | 0.016 | | |
| 6720 | 0.016 | | |
| 6780 | 0.016 | | |
| 6840 | 0.016 | | |
| 6900 | 0.015 | | |
| 6960 | 0.016 | | |
| 7020 | 0.015 | | |
| 7080 | 0.014 | | |
| 7140 | 0.014 | | |
| 7200 | 0.014 | | |
| 7260 | 0.014 | | |
| 7320 | 0.014 | | |
| 7380 | 0.014 | | |
| 7440 | 0.016 | | |
| 7500 | 0.017 | | |
| 7560 | 0.017 | | |
| 7620 | 0.016 | | |
| 7680 | 0.017 | | |
| 7740 | 0.015 | | |
| 7800 | 0.014 | | |
| 7860 | 0.014 | | |
| 7920 | 0.014 | | |
| 7980 | 0.014 | | |
| 8040 | 0.015 | | |
| 8100 | 0.029 | | |
| 8160 | 0.027 | | |
| 8220 | 0.017 | | |
| 8280 | 0.015 | | |
| 8340 | 0.015 | | |
| 8400 | 0.014 | | |
| 8460 | 0.014 | | |
| 8520 | 0.015 | | |
| 8580 | 0.016 | | |
| 8640 | 0.016 | | |
| 8700 | 0.015 | | |
| 8760 | 0.016 | | |
| 8820 | 0.016 | | |
| 8880 | 0.016 | | |
| 8940 | 0.016 | | |
| 9000 | 0.015 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.018 | | |
| 9120 | 0.014 | | |
| 9180 | 0.014 | | |
| 9240 | 0.014 | | |
| 9300 | 0.015 | | |
| 9360 | 0.018 | | |
| 9420 | 0.018 | | |
| 9480 | 0.015 | | |
| 9540 | 0.014 | | |
| 9600 | 0.014 | | |
| 9660 | 0.014 | | |
| 9720 | 0.013 | | |
| 9780 | 0.013 | | |
| 9840 | 0.013 | | |
| 9900 | 0.013 | | |
| 9960 | 0.013 | | |
| 10020 | 0.013 | | |
| 10080 | 0.013 | | |
| 10140 | 0.018 | | |
| 10200 | 0.015 | | |
| 10260 | 0.016 | | |
| 10320 | 0.014 | | |
| 10380 | 0.014 | | |
| 10440 | 0.014 | | |
| 10500 | 0.034 | | |
| 10560 | 0.023 | | |
| 10620 | 0.016 | | |
| 10680 | 0.014 | | |
| 10740 | 0.014 | | |
| 10800 | 0.013 | | |
| 10860 | 0.013 | | |
| 10920 | 0.014 | | |
| 10980 | 0.015 | | |
| 11040 | 0.018 | | |
| 11100 | 0.014 | | |
| 11160 | 0.014 | | |
| 11220 | 0.013 | | |
| 11280 | 0.014 | | |
| 11340 | 0.013 | | |
| 11400 | 0.02 | | |
| 11460 | 0.02 | | |
| 11520 | 0.023 | | |
| 11580 | 0.016 | | |
| 11640 | 0.014 | | |
| 11700 | 0.013 | | |
| 11760 | 0.013 | | |
| 11820 | 0.013 | | |
| 11880 | 0.013 | | |
| 11940 | 0.012 | | |
| 12000 | 0.013 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.014 | | |
| 12120 | 0.015 | | |
| 12180 | 0.016 | | |
| 12240 | 0.016 | | |
| 12300 | 0.015 | | |
| 12360 | 0.014 | | |
| 12420 | 0.014 | | |
| 12480 | 0.014 | | |
| 12540 | 0.015 | | |
| 12600 | 0.015 | | |
| 12660 | 0.014 | | |
| 12720 | 0.016 | | |
| 12780 | 0.014 | | |
| 12840 | 0.014 | | |
| 12900 | 0.015 | | |
| 12960 | 0.015 | | |
| 13020 | 0.015 | | |
| 13080 | 0.014 | | |
| 13140 | 0.015 | | |
| 13200 | 0.015 | | |
| 13260 | 0.015 | | |
| 13320 | 0.014 | | |
| 13380 | 0.015 | | |
| 13440 | 0.015 | | |
| 13500 | 0.014 | | |
| 13560 | 0.015 | | |
| 13620 | 0.016 | | |
| 13680 | 0.015 | | |
| 13740 | 0.015 | | |
| 13800 | 0.014 | | |
| 13860 | 0.015 | | |
| 13920 | 0.014 | | |
| 13980 | 0.015 | | |
| 14040 | 0.014 | | |
| 14100 | 0.015 | | |
| 14160 | 0.015 | | |
| 14220 | 0.015 | | |
| 14280 | 0.015 | | |
| 14340 | 0.016 | | |
| 14400 | 0.015 | | |
| 14460 | 0.015 | | |
| 14520 | 0.016 | | |
| 14580 | 0.015 | | |
| 14640 | 0.015 | | |
| 14700 | 0.014 | | |
| 14760 | 0.014 | | |
| 14820 | 0.015 | | |
| 14880 | 0.015 | | |
| 14940 | 0.015 | | |
| 15000 | 0.014 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.014 | | |
| 15120 | 0.015 | | |
| 15180 | 0.015 | | |
| 15240 | 0.015 | | |
| 15300 | 0.015 | | |
| 15360 | 0.016 | | |
| 15420 | 0.015 | | |
| 15480 | 0.016 | | |
| 15540 | 0.015 | | |
| 15600 | 0.016 | | |
| 15660 | 0.014 | | |
| 15720 | 0.014 | | |
| 15780 | 0.015 | | |
| 15840 | 0.015 | | |
| 15900 | 0.015 | | |
| 15960 | 0.015 | | |
| 16020 | 0.014 | | |
| 16080 | 0.014 | | |
| 16140 | 0.016 | | |
| 16200 | 0.015 | | |
| 16260 | 0.016 | | |
| 16320 | 0.015 | | |
| 16380 | 0.015 | | |
| 16440 | 0.014 | | |
| 16500 | 0.015 | | |
| 16560 | 0.015 | | |
| 16620 | 0.014 | | |
| 16680 | 0.014 | | |
| 16740 | 0.015 | | |
| 16800 | 0.016 | | |
| 16860 | 0.015 | | |
| 16920 | 0.015 | | |
| 16980 | 0.016 | | |
| 17040 | 0.015 | | |
| 17100 | 0.015 | | |
| 17160 | 0.015 | | |
| 17220 | 0.015 | | |
| 17280 | 0.014 | | |
| 17340 | 0.014 | | |
| 17400 | 0.014 | | |
| 17460 | 0.015 | | |
| 17520 | 0.015 | | |
| 17580 | 0.015 | | |
| 17640 | 0.015 | | |
| 17700 | 0.015 | | |
| 17760 | 0.014 | | |
| 17820 | 0.014 | | |
| 17880 | 0.014 | | |
| 17940 | 0.016 | | |
| 18000 | 0.015 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.016 | | |
| 18120 | 0.016 | | |
| 18180 | 0.014 | | |
| 18240 | 0.016 | | |
| 18300 | 0.014 | | |
| 18360 | 0.015 | | |
| 18420 | 0.015 | | |
| 18480 | 0.015 | | |
| 18540 | 0.014 | | |
| 18600 | 0.014 | | |
| 18660 | 0.015 | | |
| 18720 | 0.015 | | |
| 18780 | 0.014 | | |
| 18840 | 0.015 | | |
| 18900 | 0.014 | | |
| 18960 | 0.014 | | |
| 19020 | 0.016 | | |
| 19080 | 0.015 | | |
| 19140 | 0.015 | | |
| 19200 | 0.015 | | |
| 19260 | 0.015 | | |
| 19320 | 0.015 | | |
| 19380 | 0.015 | | |
| 19440 | 0.016 | | |
| 19500 | 0.015 | | |
| 19560 | 0.016 | | |
| 19620 | 0.014 | | |
| 19680 | 0.014 | | |
| 19740 | 0.015 | | |
| 19800 | 0.014 | | |
| 19860 | 0.015 | | |
| 19920 | 0.014 | | |
| 19980 | 0.015 | | |
| 20040 | 0.015 | | |
| 20100 | 0.015 | | |
| 20160 | 0.015 | | |
| 20220 | 0.015 | | |
| 20280 | 0.014 | | |
| 20340 | 0.014 | | |
| 20400 | 0.014 | | |
| 20460 | 0.016 | | |
| 20520 | 0.015 | | |
| 20580 | 0.014 | | |
| 20640 | 0.015 | | |
| 20700 | 0.015 | | |
| 20760 | 0.016 | | |
| 20820 | 0.015 | | |
| 20880 | 0.015 | | |
| 20940 | 0.015 | | |
| 21000 | 0.014 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.016 | | |
| 21120 | 0.014 | | |
| 21180 | 0.014 | | |
| 21240 | 0.015 | | |
| 21300 | 0.016 | | |
| 21360 | 0.014 | | |
| 21420 | 0.015 | | |
| 21480 | 0.014 | | |
| 21540 | 0.014 | | |
| 21600 | 0.015 | | |
| 21660 | 0.015 | | |
| 21720 | 0.014 | | |
| 21780 | 0.016 | | |
| 21840 | 0.014 | | |
| 21900 | 0.015 | | |
| 21960 | 0.016 | | |
| 22020 | 0.015 | | |
| 22080 | 0.016 | | |
| 22140 | 0.015 | | |
| 22200 | 0.015 | | |
| 22260 | 0.015 | | |
| 22320 | 0.016 | | |
| 22380 | 0.015 | | |
| 22440 | 0.014 | | |
| 22500 | 0.014 | | |
| 22560 | 0.014 | | |
| 22620 | 0.016 | | |
| 22680 | 0.014 | | |
| 22740 | 0.015 | | |
| 22800 | 0.015 | | |
| 22860 | 0.014 | | |
| 22920 | 0.015 | | |
| 22980 | 0.015 | | |
| 23040 | 0.014 | | |
| 23100 | 0.015 | | |
| 23160 | 0.014 | | |
| 23220 | 0.014 | | |
| 23280 | 0.016 | | |
| 23340 | 0.015 | | |
| 23400 | 0.014 | | |
| 23460 | 0.015 | | |
| 23520 | 0.016 | | |
| 23580 | 0.014 | | |
| 23640 | 0.016 | | |
| 23700 | 0.015 | | |
| 23760 | 0.015 | | |
| 23820 | 0.015 | | |
| 23880 | 0.016 | | |
| 23940 | 0.015 | | |
| 24000 | 0.014 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.015 | | |
| 24120 | 0.015 | | |
| 24180 | 0.015 | | |
| 24240 | 0.015 | | |
| 24300 | 0.016 | | |
| 24360 | 0.015 | | |
| 24420 | 0.014 | | |
| 24480 | 0.016 | | |
| 24540 | 0.014 | | |
| 24600 | 0.015 | | |
| 24660 | 0.015 | | |
| 24720 | 0.016 | | |
| 24780 | 0.015 | | |
| 24840 | 0.015 | | |
| 24900 | 0.015 | | |
| 24960 | 0.016 | | |
| 25020 | 0.014 | | |
| 25080 | 0.041 | | |
| 25140 | 0.029 | | |
| 25200 | 0.033 | | |
| 25260 | 0.024 | | |
| 25320 | 0.025 | | |
| 25380 | 0.022 | | |
| 25440 | 0.016 | | |
| 25500 | 0.015 | | |
| 25560 | 0.015 | | |
| 25620 | 0.016 | | |
| 25680 | 0.014 | | |
| 25740 | 0.015 | | |
| 25800 | 0.014 | | |
| 25860 | 0.016 | | |
| 25920 | 0.015 | | |
| 25980 | 0.015 | | |
| 26040 | 0.014 | | |
| 26100 | 0.015 | | |
| 26160 | 0.016 | | |
| 26220 | 0.015 | | |
| 26280 | 0.014 | | |
| 26340 | 0.016 | | |
| 26400 | 0.014 | | |
| 26460 | 0.015 | | |
| 26520 | 0.016 | | |
| 26580 | 0.015 | | |
| 26640 | 0.014 | | |
| 26700 | 0.016 | | |
| 26760 | 0.014 | | |
| 26820 | 0.015 | | |
| 26880 | 0.016 | | |
| 26940 | 0.016 | | |
| 27000 | 0.015 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_002 |
| Test Start Time | 7:31:11 AM |
| Test Start Date | 8/11/2025 |
| Test Length [D:H:M] | 0:08:12 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.016 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 492 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.016 | | |
| 27120 | 0.015 | | |
| 27180 | 0.015 | | |
| 27240 | 0.016 | | |
| 27300 | 0.016 | | |
| 27360 | 0.015 | | |
| 27420 | 0.015 | | |
| 27480 | 0.014 | | |
| 27540 | 0.014 | | |
| 27600 | 0.016 | | |
| 27660 | 0.015 | | |
| 27720 | 0.015 | | |
| 27780 | 0.014 | | |
| 27840 | 0.015 | | |
| 27900 | 0.016 | | |
| 27960 | 0.015 | | |
| 28020 | 0.015 | | |
| 28080 | 0.014 | | |
| 28140 | 0.015 | | |
| 28200 | 0.015 | | |
| 28260 | 0.014 | | |
| 28320 | 0.015 | | |
| 28380 | 0.014 | | |
| 28440 | 0.015 | | |
| 28500 | 0.014 | | |
| 28560 | 0.015 | | |
| 28620 | 0.015 | | |
| 28680 | 0.015 | | |
| 28740 | 0.014 | | |
| 28800 | 0.016 | | |
| 28860 | 0.018 | | |
| 28920 | 0.017 | | |
| 28980 | 0.017 | | |
| 29040 | 0.018 | | |
| 29100 | 0.018 | | |
| 29160 | 0.017 | | |
| 29220 | 0.016 | | |
| 29280 | 0.019 | | |
| 29340 | 0.016 | | |
| 29400 | 0.017 | | |
| 29460 | 0.015 | | |
| 29520 | 0.016 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 60 | 0.043 |
| 120 | 0.044 |
| 180 | 0.033 |
| 240 | 0.034 |
| 300 | 0.034 |
| 360 | 0.029 |
| 420 | 0.028 |
| 480 | 0.034 |
| 540 | 0.034 |
| 600 | 0.027 |
| 660 | 0.027 |
| 720 | 0.028 |
| 780 | 0.027 |
| 840 | 0.026 |
| 900 | 0.026 |
| 960 | 0.026 |
| 1020 | 0.026 |
| 1080 | 0.026 |
| 1140 | 0.028 |
| 1200 | 0.026 |
| 1260 | 0.026 |
| 1320 | 0.028 |
| 1380 | 0.026 |
| 1440 | 0.03 |
| 1500 | 0.03 |
| 1560 | 0.025 |
| 1620 | 0.025 |
| 1680 | 0.026 |
| 1740 | 0.027 |
| 1800 | 0.027 |
| 1860 | 0.024 |
| 1920 | 0.025 |
| 1980 | 0.026 |
| 2040 | 0.025 |
| 2100 | 0.025 |
| 2160 | 0.025 |
| 2220 | 0.025 |
| 2280 | 0.026 |
| 2340 | 0.025 |
| 2400 | 0.024 |
| 2460 | 0.026 |
| 2520 | 0.025 |
| 2580 | 0.024 |
| 2640 | 0.025 |
| 2700 | 0.033 |
| 2760 | 0.025 |
| 2820 | 0.022 |
| 2880 | 0.022 |
| 2940 | 0.022 |
| 3000 | 0.022 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 3060 | 0.023 |
| 3120 | 0.022 |
| 3180 | 0.021 |
| 3240 | 0.021 |
| 3300 | 0.02 |
| 3360 | 0.02 |
| 3420 | 0.02 |
| 3480 | 0.02 |
| 3540 | 0.019 |
| 3600 | 0.019 |
| 3660 | 0.019 |
| 3720 | 0.019 |
| 3780 | 0.019 |
| 3840 | 0.018 |
| 3900 | 0.019 |
| 3960 | 0.019 |
| 4020 | 0.018 |
| 4080 | 0.018 |
| 4140 | 0.018 |
| 4200 | 0.018 |
| 4260 | 0.018 |
| 4320 | 0.017 |
| 4380 | 0.018 |
| 4440 | 0.018 |
| 4500 | 0.018 |
| 4560 | 0.019 |
| 4620 | 0.018 |
| 4680 | 0.018 |
| 4740 | 0.017 |
| 4800 | 0.017 |
| 4860 | 0.018 |
| 4920 | 0.015 |
| 4980 | 0.015 |
| 5040 | 0.015 |
| 5100 | 0.017 |
| 5160 | 0.017 |
| 5220 | 0.016 |
| 5280 | 0.017 |
| 5340 | 0.016 |
| 5400 | 0.041 |
| 5460 | 0.028 |
| 5520 | 0.017 |
| 5580 | 0.016 |
| 5640 | 0.016 |
| 5700 | 0.017 |
| 5760 | 0.018 |
| 5820 | 0.019 |
| 5880 | 0.017 |
| 5940 | 0.015 |
| 6000 | 0.015 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 6060 | 0.014 |
| 6120 | 0.014 |
| 6180 | 0.014 |
| 6240 | 0.014 |
| 6300 | 0.014 |
| 6360 | 0.014 |
| 6420 | 0.014 |
| 6480 | 0.015 |
| 6540 | 0.021 |
| 6600 | 0.019 |
| 6660 | 0.016 |
| 6720 | 0.016 |
| 6780 | 0.016 |
| 6840 | 0.016 |
| 6900 | 0.015 |
| 6960 | 0.016 |
| 7020 | 0.015 |
| 7080 | 0.014 |
| 7140 | 0.014 |
| 7200 | 0.014 |
| 7260 | 0.014 |
| 7320 | 0.014 |
| 7380 | 0.014 |
| 7440 | 0.016 |
| 7500 | 0.017 |
| 7560 | 0.017 |
| 7620 | 0.016 |
| 7680 | 0.017 |
| 7740 | 0.015 |
| 7800 | 0.014 |
| 7860 | 0.014 |
| 7920 | 0.014 |
| 7980 | 0.014 |
| 8040 | 0.015 |
| 8100 | 0.029 |
| 8160 | 0.027 |
| 8220 | 0.017 |
| 8280 | 0.015 |
| 8340 | 0.015 |
| 8400 | 0.014 |
| 8460 | 0.014 |
| 8520 | 0.015 |
| 8580 | 0.016 |
| 8640 | 0.016 |
| 8700 | 0.015 |
| 8760 | 0.016 |
| 8820 | 0.016 |
| 8880 | 0.016 |
| 8940 | 0.016 |
| 9000 | 0.015 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 9060 | 0.018 |
| 9120 | 0.014 |
| 9180 | 0.014 |
| 9240 | 0.014 |
| 9300 | 0.015 |
| 9360 | 0.018 |
| 9420 | 0.018 |
| 9480 | 0.015 |
| 9540 | 0.014 |
| 9600 | 0.014 |
| 9660 | 0.014 |
| 9720 | 0.013 |
| 9780 | 0.013 |
| 9840 | 0.013 |
| 9900 | 0.013 |
| 9960 | 0.013 |
| 10020 | 0.013 |
| 10080 | 0.013 |
| 10140 | 0.018 |
| 10200 | 0.015 |
| 10260 | 0.016 |
| 10320 | 0.014 |
| 10380 | 0.014 |
| 10440 | 0.014 |
| 10500 | 0.034 |
| 10560 | 0.023 |
| 10620 | 0.016 |
| 10680 | 0.014 |
| 10740 | 0.014 |
| 10800 | 0.013 |
| 10860 | 0.013 |
| 10920 | 0.014 |
| 10980 | 0.015 |
| 11040 | 0.018 |
| 11100 | 0.014 |
| 11160 | 0.014 |
| 11220 | 0.013 |
| 11280 | 0.014 |
| 11340 | 0.013 |
| 11400 | 0.02 |
| 11460 | 0.02 |
| 11520 | 0.023 |
| 11580 | 0.016 |
| 11640 | 0.014 |
| 11700 | 0.013 |
| 11760 | 0.013 |
| 11820 | 0.013 |
| 11880 | 0.013 |
| 11940 | 0.012 |
| 12000 | 0.013 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 12060 | 0.016 |
| 12120 | 0.017 |
| 12180 | 0.017 |
| 12240 | 0.017 |
| 12300 | 0.015 |
| 12360 | 0.015 |
| 12420 | 0.015 |
| 12480 | 0.015 |
| 12540 | 0.015 |
| 12600 | 0.016 |
| 12660 | 0.014 |
| 12720 | 0.016 |
| 12780 | 0.014 |
| 12840 | 0.016 |
| 12900 | 0.016 |
| 12960 | 0.016 |
| 13020 | 0.016 |
| 13080 | 0.015 |
| 13140 | 0.015 |
| 13200 | 0.015 |
| 13260 | 0.016 |
| 13320 | 0.016 |
| 13380 | 0.016 |
| 13440 | 0.014 |
| 13500 | 0.015 |
| 13560 | 0.015 |
| 13620 | 0.017 |
| 13680 | 0.015 |
| 13740 | 0.016 |
| 13800 | 0.016 |
| 13860 | 0.017 |
| 13920 | 0.015 |
| 13980 | 0.017 |
| 14040 | 0.014 |
| 14100 | 0.017 |
| 14160 | 0.015 |
| 14220 | 0.016 |
| 14280 | 0.017 |
| 14340 | 0.016 |
| 14400 | 0.017 |
| 14460 | 0.016 |
| 14520 | 0.015 |
| 14580 | 0.016 |
| 14640 | 0.014 |
| 14700 | 0.017 |
| 14760 | 0.016 |
| 14820 | 0.016 |
| 14880 | 0.016 |
| 14940 | 0.014 |
| 15000 | 0.016 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 15060 | 0.015 |
| 15120 | 0.014 |
| 15180 | 0.015 |
| 15240 | 0.015 |
| 15300 | 0.015 |
| 15360 | 0.017 |
| 15420 | 0.016 |
| 15480 | 0.015 |
| 15540 | 0.016 |
| 15600 | 0.014 |
| 15660 | 0.014 |
| 15720 | 0.016 |
| 15780 | 0.015 |
| 15840 | 0.017 |
| 15900 | 0.016 |
| 15960 | 0.014 |
| 16020 | 0.016 |
| 16080 | 0.016 |
| 16140 | 0.016 |
| 16200 | 0.015 |
| 16260 | 0.016 |
| 16320 | 0.016 |
| 16380 | 0.015 |
| 16440 | 0.015 |
| 16500 | 0.014 |
| 16560 | 0.016 |
| 16620 | 0.014 |
| 16680 | 0.016 |
| 16740 | 0.015 |
| 16800 | 0.014 |
| 16860 | 0.015 |
| 16920 | 0.015 |
| 16980 | 0.015 |
| 17040 | 0.015 |
| 17100 | 0.015 |
| 17160 | 0.016 |
| 17220 | 0.015 |
| 17280 | 0.015 |
| 17340 | 0.015 |
| 17400 | 0.014 |
| 17460 | 0.017 |
| 17520 | 0.015 |
| 17580 | 0.016 |
| 17640 | 0.016 |
| 17700 | 0.014 |
| 17760 | 0.016 |
| 17820 | 0.014 |
| 17880 | 0.014 |
| 17940 | 0.016 |
| 18000 | 0.014 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 18060 | 0.015 |
| 18120 | 0.016 |
| 18180 | 0.015 |
| 18240 | 0.015 |
| 18300 | 0.016 |
| 18360 | 0.017 |
| 18420 | 0.016 |
| 18480 | 0.017 |
| 18540 | 0.015 |
| 18600 | 0.016 |
| 18660 | 0.016 |
| 18720 | 0.014 |
| 18780 | 0.014 |
| 18840 | 0.017 |
| 18900 | 0.017 |
| 18960 | 0.017 |
| 19020 | 0.016 |
| 19080 | 0.017 |
| 19140 | 0.017 |
| 19200 | 0.016 |
| 19260 | 0.015 |
| 19320 | 0.014 |
| 19380 | 0.015 |
| 19440 | 0.015 |
| 19500 | 0.016 |
| 19560 | 0.015 |
| 19620 | 0.015 |
| 19680 | 0.016 |
| 19740 | 0.014 |
| 19800 | 0.015 |
| 19860 | 0.014 |
| 19920 | 0.014 |
| 19980 | 0.017 |
| 20040 | 0.014 |
| 20100 | 0.015 |
| 20160 | 0.015 |
| 20220 | 0.016 |
| 20280 | 0.016 |
| 20340 | 0.015 |
| 20400 | 0.016 |
| 20460 | 0.015 |
| 20520 | 0.014 |
| 20580 | 0.016 |
| 20640 | 0.016 |
| 20700 | 0.015 |
| 20760 | 0.016 |
| 20820 | 0.015 |
| 20880 | 0.017 |
| 20940 | 0.016 |
| 21000 | 0.017 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 21060 | 0.014 |
| 21120 | 0.015 |
| 21180 | 0.016 |
| 21240 | 0.017 |
| 21300 | 0.015 |
| 21360 | 0.016 |
| 21420 | 0.016 |
| 21480 | 0.017 |
| 21540 | 0.015 |
| 21600 | 0.014 |
| 21660 | 0.016 |
| 21720 | 0.014 |
| 21780 | 0.017 |
| 21840 | 0.015 |
| 21900 | 0.015 |
| 21960 | 0.014 |
| 22020 | 0.015 |
| 22080 | 0.017 |
| 22140 | 0.015 |
| 22200 | 0.015 |
| 22260 | 0.015 |
| 22320 | 0.017 |
| 22380 | 0.015 |
| 22440 | 0.016 |
| 22500 | 0.016 |
| 22560 | 0.015 |
| 22620 | 0.017 |
| 22680 | 0.017 |
| 22740 | 0.015 |
| 22800 | 0.015 |
| 22860 | 0.016 |
| 22920 | 0.015 |
| 22980 | 0.017 |
| 23040 | 0.015 |
| 23100 | 0.015 |
| 23160 | 0.016 |
| 23220 | 0.017 |
| 23280 | 0.014 |
| 23340 | 0.014 |
| 23400 | 0.017 |
| 23460 | 0.016 |
| 23520 | 0.016 |
| 23580 | 0.015 |
| 23640 | 0.015 |
| 23700 | 0.017 |
| 23760 | 0.017 |
| 23820 | 0.016 |
| 23880 | 0.016 |
| 23940 | 0.015 |
| 24000 | 0.017 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 24060 | 0.017 |
| 24120 | 0.017 |
| 24180 | 0.014 |
| 24240 | 0.016 |
| 24300 | 0.017 |
| 24360 | 0.016 |
| 24420 | 0.015 |
| 24480 | 0.015 |
| 24540 | 0.017 |
| 24600 | 0.016 |
| 24660 | 0.014 |
| 24720 | 0.014 |
| 24780 | 0.016 |
| 24840 | 0.016 |
| 24900 | 0.016 |
| 24960 | 0.016 |
| 25020 | 0.015 |
| 25080 | 0.015 |
| 25140 | 0.015 |
| 25200 | 0.015 |
| 25260 | 0.014 |
| 25320 | 0.017 |
| 25380 | 0.015 |
| 25440 | 0.015 |
| 25500 | 0.016 |
| 25560 | 0.016 |
| 25620 | 0.016 |
| 25680 | 0.017 |
| 25740 | 0.015 |
| 25800 | 0.017 |
| 25860 | 0.016 |
| 25920 | 0.016 |
| 25980 | 0.015 |
| 26040 | 0.017 |
| 26100 | 0.017 |
| 26160 | 0.015 |
| 26220 | 0.016 |
| 26280 | 0.014 |
| 26340 | 0.016 |
| 26400 | 0.015 |
| 26460 | 0.016 |
| 26520 | 0.017 |
| 26580 | 0.016 |
| 26640 | 0.014 |
| 26700 | 0.016 |
| 26760 | 0.015 |
| 26820 | 0.016 |
| 26880 | 0.014 |
| 26940 | 0.015 |
| 27000 | 0.016 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:32:11 AM |
| Test Start Date | 8/12/2025 |
| Test Length [D:H:M] | 0:08:11 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.017 |
| Mass Minimum [mg/m3] | 0 |
| Mass Maximum [mg/m3] | 0.044 |
| Mass TWA [mg/m3] | 0.012 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 491 |

| Elapsed Time [s] | Mass [mg/m3] |
|---|---|
| 27060 | 0.015 |
| 27120 | 0.014 |
| 27180 | 0.015 |
| 27240 | 0.016 |
| 27300 | 0.017 |
| 27360 | 0.017 |
| 27420 | 0.017 |
| 27480 | 0.016 |
| 27540 | 0.015 |
| 27600 | 0.014 |
| 27660 | 0.017 |
| 27720 | 0.016 |
| 27780 | 0.014 |
| 27840 | 0.017 |
| 27900 | 0.015 |
| 27960 | 0.016 |
| 28020 | 0.016 |
| 28080 | 0.016 |
| 28140 | 0.016 |
| 28200 | 0.017 |
| 28260 | 0.016 |
| 28320 | 0.017 |
| 28380 | 0.015 |
| 28440 | 0.015 |
| 28500 | 0.016 |
| 28560 | 0.014 |
| 28620 | 0.015 |
| 28680 | 0.014 |
| 28740 | 0.015 |
| 28800 | 0.017 |
| 28860 | 0.016 |
| 28920 | 0.015 |
| 28980 | 0.017 |
| 29040 | 0.014 |
| 29100 | 0.016 |
| 29160 | 0.015 |
| 29220 | 0.016 |
| 29280 | 0.014 |
| 29340 | 0.016 |
| 29400 | 0.016 |
| 29460 | 0.016 |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.084 | | |
| 120 | 0.045 | | |
| 180 | 0.029 | | |
| 240 | 0.031 | | |
| 300 | 0.032 | | |
| 360 | 0.033 | | |
| 420 | 0.031 | | |
| 480 | 0.033 | | |
| 540 | 0.03 | | |
| 600 | 0.032 | | |
| 660 | 0.032 | | |
| 720 | 0.033 | | |
| 780 | 0.033 | | |
| 840 | 0.033 | | |
| 900 | 0.032 | | |
| 960 | 0.031 | | |
| 1020 | 0.032 | | |
| 1080 | 0.032 | | |
| 1140 | 0.031 | | |
| 1200 | 0.032 | | |
| 1260 | 0.033 | | |
| 1320 | 0.032 | | |
| 1380 | 0.031 | | |
| 1440 | 0.033 | | |
| 1500 | 0.031 | | |
| 1560 | 0.031 | | |
| 1620 | 0.033 | | |
| 1680 | 0.034 | | |
| 1740 | 0.03 | | |
| 1800 | 0.034 | | |
| 1860 | 0.031 | | |
| 1920 | 0.034 | | |
| 1980 | 0.031 | | |
| 2040 | 0.031 | | |
| 2100 | 0.031 | | |
| 2160 | 0.033 | | |
| 2220 | 0.033 | | |
| 2280 | 0.033 | | |
| 2340 | 0.034 | | |
| 2400 | 0.03 | | |
| 2460 | 0.034 | | |
| 2520 | 0.032 | | |
| 2580 | 0.033 | | |
| 2640 | 0.033 | | |
| 2700 | 0.031 | | |
| 2760 | 0.032 | | |
| 2820 | 0.033 | | |
| 2880 | 0.032 | | |
| 2940 | 0.033 | | |
| 3000 | 0.03 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.03 | | |
| 3120 | 0.031 | | |
| 3180 | 0.034 | | |
| 3240 | 0.03 | | |
| 3300 | 0.032 | | |
| 3360 | 0.033 | | |
| 3420 | 0.033 | | |
| 3480 | 0.032 | | |
| 3540 | 0.031 | | |
| 3600 | 0.03 | | |
| 3660 | 0.032 | | |
| 3720 | 0.031 | | |
| 3780 | 0.032 | | |
| 3840 | 0.031 | | |
| 3900 | 0.031 | | |
| 3960 | 0.033 | | |
| 4020 | 0.032 | | |
| 4080 | 0.031 | | |
| 4140 | 0.034 | | |
| 4200 | 0.031 | | |
| 4260 | 0.031 | | |
| 4320 | 0.033 | | |
| 4380 | 0.033 | | |
| 4440 | 0.034 | | |
| 4500 | 0.031 | | |
| 4560 | 0.033 | | |
| 4620 | 0.033 | | |
| 4680 | 0.031 | | |
| 4740 | 0.031 | | |
| 4800 | 0.032 | | |
| 4860 | 0.032 | | |
| 4920 | 0.032 | | |
| 4980 | 0.031 | | |
| 5040 | 0.031 | | |
| 5100 | 0.03 | | |
| 5160 | 0.03 | | |
| 5220 | 0.031 | | |
| 5280 | 0.032 | | |
| 5340 | 0.032 | | |
| 5400 | 0.032 | | |
| 5460 | 0.031 | | |
| 5520 | 0.031 | | |
| 5580 | 0.031 | | |
| 5640 | 0.031 | | |
| 5700 | 0.032 | | |
| 5760 | 0.031 | | |
| 5820 | 0.033 | | |
| 5880 | 0.033 | | |
| 5940 | 0.03 | | |
| 6000 | 0.031 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.031 | | |
| 6120 | 0.033 | | |
| 6180 | 0.033 | | |
| 6240 | 0.033 | | |
| 6300 | 0.033 | | |
| 6360 | 0.033 | | |
| 6420 | 0.033 | | |
| 6480 | 0.033 | | |
| 6540 | 0.032 | | |
| 6600 | 0.032 | | |
| 6660 | 0.033 | | |
| 6720 | 0.031 | | |
| 6780 | 0.033 | | |
| 6840 | 0.03 | | |
| 6900 | 0.033 | | |
| 6960 | 0.032 | | |
| 7020 | 0.034 | | |
| 7080 | 0.033 | | |
| 7140 | 0.032 | | |
| 7200 | 0.03 | | |
| 7260 | 0.032 | | |
| 7320 | 0.034 | | |
| 7380 | 0.033 | | |
| 7440 | 0.034 | | |
| 7500 | 0.058 | | |
| 7560 | 0.08 | | |
| 7620 | 0.086 | | |
| 7680 | 0.049 | | |
| 7740 | 0.055 | | |
| 7800 | 0.033 | | |
| 7860 | 0.034 | | |
| 7920 | 0.031 | | |
| 7980 | 0.031 | | |
| 8040 | 0.032 | | |
| 8100 | 0.034 | | |
| 8160 | 0.033 | | |
| 8220 | 0.033 | | |
| 8280 | 0.031 | | |
| 8340 | 0.034 | | |
| 8400 | 0.032 | | |
| 8460 | 0.033 | | |
| 8520 | 0.031 | | |
| 8580 | 0.034 | | |
| 8640 | 0.034 | | |
| 8700 | 0.031 | | |
| 8760 | 0.034 | | |
| 8820 | 0.031 | | |
| 8880 | 0.031 | | |
| 8940 | 0.033 | | |
| 9000 | 0.034 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.034 | | |
| 9120 | 0.034 | | |
| 9180 | 0.033 | | |
| 9240 | 0.033 | | |
| 9300 | 0.032 | | |
| 9360 | 0.033 | | |
| 9420 | 0.033 | | |
| 9480 | 0.03 | | |
| 9540 | 0.03 | | |
| 9600 | 0.032 | | |
| 9660 | 0.031 | | |
| 9720 | 0.033 | | |
| 9780 | 0.029 | | |
| 9840 | 0.03 | | |
| 9900 | 0.03 | | |
| 9960 | 0.032 | | |
| 10020 | 0.031 | | |
| 10080 | 0.032 | | |
| 10140 | 0.031 | | |
| 10200 | 0.03 | | |
| 10260 | 0.03 | | |
| 10320 | 0.031 | | |
| 10380 | 0.03 | | |
| 10440 | 0.029 | | |
| 10500 | 0.03 | | |
| 10560 | 0.03 | | |
| 10620 | 0.031 | | |
| 10680 | 0.032 | | |
| 10740 | 0.029 | | |
| 10800 | 0.03 | | |
| 10860 | 0.03 | | |
| 10920 | 0.03 | | |
| 10980 | 0.029 | | |
| 11040 | 0.03 | | |
| 11100 | 0.031 | | |
| 11160 | 0.029 | | |
| 11220 | 0.031 | | |
| 11280 | 0.029 | | |
| 11340 | 0.03 | | |
| 11400 | 0.031 | | |
| 11460 | 0.031 | | |
| 11520 | 0.03 | | |
| 11580 | 0.029 | | |
| 11640 | 0.029 | | |
| 11700 | 0.031 | | |
| 11760 | 0.03 | | |
| 11820 | 0.029 | | |
| 11880 | 0.031 | | |
| 11940 | 0.03 | | |
| 12000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.031 | | |
| 12120 | 0.031 | | |
| 12180 | 0.031 | | |
| 12240 | 0.032 | | |
| 12300 | 0.03 | | |
| 12360 | 0.029 | | |
| 12420 | 0.03 | | |
| 12480 | 0.031 | | |
| 12540 | 0.031 | | |
| 12600 | 0.03 | | |
| 12660 | 0.03 | | |
| 12720 | 0.031 | | |
| 12780 | 0.03 | | |
| 12840 | 0.03 | | |
| 12900 | 0.031 | | |
| 12960 | 0.03 | | |
| 13020 | 0.031 | | |
| 13080 | 0.031 | | |
| 13140 | 0.031 | | |
| 13200 | 0.03 | | |
| 13260 | 0.031 | | |
| 13320 | 0.029 | | |
| 13380 | 0.031 | | |
| 13440 | 0.032 | | |
| 13500 | 0.029 | | |
| 13560 | 0.03 | | |
| 13620 | 0.03 | | |
| 13680 | 0.031 | | |
| 13740 | 0.032 | | |
| 13800 | 0.03 | | |
| 13860 | 0.03 | | |
| 13920 | 0.03 | | |
| 13980 | 0.031 | | |
| 14040 | 0.031 | | |
| 14100 | 0.03 | | |
| 14160 | 0.031 | | |
| 14220 | 0.03 | | |
| 14280 | 0.031 | | |
| 14340 | 0.03 | | |
| 14400 | 0.03 | | |
| 14460 | 0.031 | | |
| 14520 | 0.031 | | |
| 14580 | 0.03 | | |
| 14640 | 0.031 | | |
| 14700 | 0.03 | | |
| 14760 | 0.03 | | |
| 14820 | 0.03 | | |
| 14880 | 0.028 | | |
| 14940 | 0.033 | | |
| 15000 | 0.03 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.029 | | |
| 15120 | 0.027 | | |
| 15180 | 0.027 | | |
| 15240 | 0.029 | | |
| 15300 | 0.029 | | |
| 15360 | 0.03 | | |
| 15420 | 0.029 | | |
| 15480 | 0.028 | | |
| 15540 | 0.03 | | |
| 15600 | 0.028 | | |
| 15660 | 0.027 | | |
| 15720 | 0.027 | | |
| 15780 | 0.027 | | |
| 15840 | 0.029 | | |
| 15900 | 0.028 | | |
| 15960 | 0.028 | | |
| 16020 | 0.03 | | |
| 16080 | 0.029 | | |
| 16140 | 0.029 | | |
| 16200 | 0.028 | | |
| 16260 | 0.027 | | |
| 16320 | 0.027 | | |
| 16380 | 0.03 | | |
| 16440 | 0.03 | | |
| 16500 | 0.028 | | |
| 16560 | 0.03 | | |
| 16620 | 0.028 | | |
| 16680 | 0.027 | | |
| 16740 | 0.029 | | |
| 16800 | 0.028 | | |
| 16860 | 0.028 | | |
| 16920 | 0.028 | | |
| 16980 | 0.027 | | |
| 17040 | 0.028 | | |
| 17100 | 0.022 | | |
| 17160 | 0.026 | | |
| 17220 | 0.024 | | |
| 17280 | 0.023 | | |
| 17340 | 0.023 | | |
| 17400 | 0.025 | | |
| 17460 | 0.024 | | |
| 17520 | 0.024 | | |
| 17580 | 0.023 | | |
| 17640 | 0.025 | | |
| 17700 | 0.023 | | |
| 17760 | 0.024 | | |
| 17820 | 0.023 | | |
| 17880 | 0.025 | | |
| 17940 | 0.024 | | |
| 18000 | 0.025 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.024 | | |
| 18120 | 0.024 | | |
| 18180 | 0.025 | | |
| 18240 | 0.024 | | |
| 18300 | 0.025 | | |
| 18360 | 0.024 | | |
| 18420 | 0.023 | | |
| 18480 | 0.023 | | |
| 18540 | 0.025 | | |
| 18600 | 0.024 | | |
| 18660 | 0.025 | | |
| 18720 | 0.025 | | |
| 18780 | 0.024 | | |
| 18840 | 0.023 | | |
| 18900 | 0.025 | | |
| 18960 | 0.024 | | |
| 19020 | 0.025 | | |
| 19080 | 0.024 | | |
| 19140 | 0.024 | | |
| 19200 | 0.024 | | |
| 19260 | 0.024 | | |
| 19320 | 0.023 | | |
| 19380 | 0.024 | | |
| 19440 | 0.023 | | |
| 19500 | 0.024 | | |
| 19560 | 0.024 | | |
| 19620 | 0.023 | | |
| 19680 | 0.024 | | |
| 19740 | 0.024 | | |
| 19800 | 0.024 | | |
| 19860 | 0.025 | | |
| 19920 | 0.024 | | |
| 19980 | 0.025 | | |
| 20040 | 0.025 | | |
| 20100 | 0.024 | | |
| 20160 | 0.024 | | |
| 20220 | 0.025 | | |
| 20280 | 0.023 | | |
| 20340 | 0.024 | | |
| 20400 | 0.023 | | |
| 20460 | 0.023 | | |
| 20520 | 0.025 | | |
| 20580 | 0.023 | | |
| 20640 | 0.02 | | |
| 20700 | 0.024 | | |
| 20760 | 0.024 | | |
| 20820 | 0.025 | | |
| 20880 | 0.024 | | |
| 20940 | 0.024 | | |
| 21000 | 0.022 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.024 | | |
| 21120 | 0.025 | | |
| 21180 | 0.024 | | |
| 21240 | 0.024 | | |
| 21300 | 0.024 | | |
| 21360 | 0.024 | | |
| 21420 | 0.025 | | |
| 21480 | 0.023 | | |
| 21540 | 0.018 | | |
| 21600 | 0.016 | | |
| 21660 | 0.014 | | |
| 21720 | 0.018 | | |
| 21780 | 0.02 | | |
| 21840 | 0.025 | | |
| 21900 | 0.024 | | |
| 21960 | 0.024 | | |
| 22020 | 0.025 | | |
| 22080 | 0.024 | | |
| 22140 | 0.024 | | |
| 22200 | 0.024 | | |
| 22260 | 0.024 | | |
| 22320 | 0.024 | | |
| 22380 | 0.025 | | |
| 22440 | 0.023 | | |
| 22500 | 0.023 | | |
| 22560 | 0.024 | | |
| 22620 | 0.023 | | |
| 22680 | 0.024 | | |
| 22740 | 0.025 | | |
| 22800 | 0.024 | | |
| 22860 | 0.024 | | |
| 22920 | 0.023 | | |
| 22980 | 0.025 | | |
| 23040 | 0.024 | | |
| 23100 | 0.023 | | |
| 23160 | 0.025 | | |
| 23220 | 0.023 | | |
| 23280 | 0.025 | | |
| 23340 | 0.023 | | |
| 23400 | 0.025 | | |
| 23460 | 0.024 | | |
| 23520 | 0.024 | | |
| 23580 | 0.023 | | |
| 23640 | 0.025 | | |
| 23700 | 0.024 | | |
| 23760 | 0.024 | | |
| 23820 | 0.023 | | |
| 23880 | 0.024 | | |
| 23940 | 0.024 | | |
| 24000 | 0.024 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.024 | | |
| 24120 | 0.025 | | |
| 24180 | 0.024 | | |
| 24240 | 0.024 | | |
| 24300 | 0.024 | | |
| 24360 | 0.024 | | |
| 24420 | 0.023 | | |
| 24480 | 0.024 | | |
| 24540 | 0.023 | | |
| 24600 | 0.024 | | |
| 24660 | 0.024 | | |
| 24720 | 0.024 | | |
| 24780 | 0.023 | | |
| 24840 | 0.023 | | |
| 24900 | 0.024 | | |
| 24960 | 0.024 | | |
| 25020 | 0.024 | | |
| 25080 | 0.025 | | |
| 25140 | 0.024 | | |
| 25200 | 0.024 | | |
| 25260 | 0.025 | | |
| 25320 | 0.023 | | |
| 25380 | 0.024 | | |
| 25440 | 0.024 | | |
| 25500 | 0.025 | | |
| 25560 | 0.024 | | |
| 25620 | 0.024 | | |
| 25680 | 0.024 | | |
| 25740 | 0.025 | | |
| 25800 | 0.024 | | |
| 25860 | 0.023 | | |
| 25920 | 0.024 | | |
| 25980 | 0.023 | | |
| 26040 | 0.024 | | |
| 26100 | 0.024 | | |
| 26160 | 0.025 | | |
| 26220 | 0.024 | | |
| 26280 | 0.025 | | |
| 26340 | 0.024 | | |
| 26400 | 0.023 | | |
| 26460 | 0.025 | | |
| 26520 | 0.024 | | |
| 26580 | 0.024 | | |
| 26640 | 0.024 | | |
| 26700 | 0.024 | | |
| 26760 | 0.025 | | |
| 26820 | 0.024 | | |
| 26880 | 0.024 | | |
| 26940 | 0.023 | | |
| 27000 | 0.024 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.025 | | |
| 27120 | 0.025 | | |
| 27180 | 0.024 | | |
| 27240 | 0.024 | | |
| 27300 | 0.023 | | |
| 27360 | 0.024 | | |
| 27420 | 0.025 | | |
| 27480 | 0.025 | | |
| 27540 | 0.024 | | |
| 27600 | 0.024 | | |
| 27660 | 0.024 | | |
| 27720 | 0.025 | | |
| 27780 | 0.025 | | |
| 27840 | 0.024 | | |
| 27900 | 0.024 | | |
| 27960 | 0.025 | | |
| 28020 | 0.024 | | |
| 28080 | 0.024 | | |
| 28140 | 0.025 | | |
| 28200 | 0.023 | | |
| 28260 | 0.024 | | |
| 28320 | 0.023 | | |
| 28380 | 0.024 | | |
| 28440 | 0.024 | | |
| 28500 | 0.024 | | |
| 28560 | 0.024 | | |
| 28620 | 0.024 | | |
| 28680 | 0.025 | | |
| 28740 | 0.023 | | |
| 28800 | 0.024 | | |
| 28860 | 0.025 | | |
| 28920 | 0.023 | | |
| 28980 | 0.024 | | |
| 29040 | 0.023 | | |
| 29100 | 0.024 | | |
| 29160 | 0.024 | | |
| 29220 | 0.024 | | |
| 29280 | 0.024 | | |
| 29340 | 0.025 | | |
| 29400 | 0.024 | | |
| 29460 | 0.024 | | |
| 29520 | 0.023 | | |
| 29580 | 0.024 | | |
| 29640 | 0.024 | | |
| 29700 | 0.023 | | |
| 29760 | 0.023 | | |
| 29820 | 0.024 | | |
| 29880 | 0.024 | | |
| 29940 | 0.023 | | |
| 30000 | 0.024 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 7:09:54 AM |
| Test Start Date | 8/13/2025 |
| Test Length [D:H:M] | 0:08:33 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.028 |
| Mass Minimum [mg/m3] | 0.014 |
| Mass Maximum [mg/m3] | 0.086 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error;Max Concentration |
| Number of Samples | 512 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 30060 | 0.023 | | |
| 30120 | 0.024 | | |
| 30180 | 0.021 | | |
| 30240 | 0.02 | | |
| 30300 | 0.022 | | |
| 30360 | 0.022 | | |
| 30420 | 0.021 | | |
| 30480 | 0.019 | | |
| 30540 | 0.019 | | |
| 30600 | 0.02 | | |
| 30660 | 0.022 | | |
| 30720 | 0.026 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.052 | | |
| 120 | 0.039 | | |
| 180 | 0.042 | | |
| 240 | 0.044 | | |
| 300 | 0.04 | | |
| 360 | 0.042 | | |
| 420 | 0.04 | | |
| 480 | 0.043 | | |
| 540 | 0.04 | | |
| 600 | 0.042 | | |
| 660 | 0.041 | | |
| 720 | 0.043 | | |
| 780 | 0.04 | | |
| 840 | 0.043 | | |
| 900 | 0.041 | | |
| 960 | 0.044 | | |
| 1020 | 0.043 | | |
| 1080 | 0.044 | | |
| 1140 | 0.04 | | |
| 1200 | 0.042 | | |
| 1260 | 0.043 | | |
| 1320 | 0.041 | | |
| 1380 | 0.043 | | |
| 1440 | 0.043 | | |
| 1500 | 0.04 | | |
| 1560 | 0.04 | | |
| 1620 | 0.04 | | |
| 1680 | 0.042 | | |
| 1740 | 0.043 | | |
| 1800 | 0.043 | | |
| 1860 | 0.041 | | |
| 1920 | 0.04 | | |
| 1980 | 0.041 | | |
| 2040 | 0.041 | | |
| 2100 | 0.042 | | |
| 2160 | 0.043 | | |
| 2220 | 0.044 | | |
| 2280 | 0.044 | | |
| 2340 | 0.042 | | |
| 2400 | 0.042 | | |
| 2460 | 0.042 | | |
| 2520 | 0.044 | | |
| 2580 | 0.043 | | |
| 2640 | 0.041 | | |
| 2700 | 0.041 | | |
| 2760 | 0.042 | | |
| 2820 | 0.042 | | |
| 2880 | 0.041 | | |
| 2940 | 0.041 | | |
| 3000 | 0.041 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 3060 | 0.042 | | |
| 3120 | 0.043 | | |
| 3180 | 0.04 | | |
| 3240 | 0.041 | | |
| 3300 | 0.044 | | |
| 3360 | 0.04 | | |
| 3420 | 0.04 | | |
| 3480 | 0.043 | | |
| 3540 | 0.04 | | |
| 3600 | 0.041 | | |
| 3660 | 0.042 | | |
| 3720 | 0.043 | | |
| 3780 | 0.043 | | |
| 3840 | 0.041 | | |
| 3900 | 0.042 | | |
| 3960 | 0.042 | | |
| 4020 | 0.043 | | |
| 4080 | 0.041 | | |
| 4140 | 0.041 | | |
| 4200 | 0.042 | | |
| 4260 | 0.041 | | |
| 4320 | 0.039 | | |
| 4380 | 0.04 | | |
| 4440 | 0.039 | | |
| 4500 | 0.04 | | |
| 4560 | 0.04 | | |
| 4620 | 0.04 | | |
| 4680 | 0.038 | | |
| 4740 | 0.038 | | |
| 4800 | 0.038 | | |
| 4860 | 0.039 | | |
| 4920 | 0.038 | | |
| 4980 | 0.039 | | |
| 5040 | 0.038 | | |
| 5100 | 0.04 | | |
| 5160 | 0.039 | | |
| 5220 | 0.038 | | |
| 5280 | 0.039 | | |
| 5340 | 0.038 | | |
| 5400 | 0.04 | | |
| 5460 | 0.039 | | |
| 5520 | 0.039 | | |
| 5580 | 0.039 | | |
| 5640 | 0.039 | | |
| 5700 | 0.038 | | |
| 5760 | 0.039 | | |
| 5820 | 0.038 | | |
| 5880 | 0.039 | | |
| 5940 | 0.038 | | |
| 6000 | 0.038 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 6060 | 0.039 | | |
| 6120 | 0.039 | | |
| 6180 | 0.039 | | |
| 6240 | 0.038 | | |
| 6300 | 0.04 | | |
| 6360 | 0.038 | | |
| 6420 | 0.038 | | |
| 6480 | 0.038 | | |
| 6540 | 0.039 | | |
| 6600 | 0.039 | | |
| 6660 | 0.04 | | |
| 6720 | 0.038 | | |
| 6780 | 0.04 | | |
| 6840 | 0.04 | | |
| 6900 | 0.038 | | |
| 6960 | 0.04 | | |
| 7020 | 0.039 | | |
| 7080 | 0.039 | | |
| 7140 | 0.039 | | |
| 7200 | 0.04 | | |
| 7260 | 0.038 | | |
| 7320 | 0.038 | | |
| 7380 | 0.04 | | |
| 7440 | 0.038 | | |
| 7500 | 0.039 | | |
| 7560 | 0.039 | | |
| 7620 | 0.039 | | |
| 7680 | 0.039 | | |
| 7740 | 0.039 | | |
| 7800 | 0.039 | | |
| 7860 | 0.039 | | |
| 7920 | 0.04 | | |
| 7980 | 0.039 | | |
| 8040 | 0.039 | | |
| 8100 | 0.039 | | |
| 8160 | 0.039 | | |
| 8220 | 0.039 | | |
| 8280 | 0.039 | | |
| 8340 | 0.04 | | |
| 8400 | 0.04 | | |
| 8460 | 0.039 | | |
| 8520 | 0.038 | | |
| 8580 | 0.04 | | |
| 8640 | 0.038 | | |
| 8700 | 0.039 | | |
| 8760 | 0.04 | | |
| 8820 | 0.038 | | |
| 8880 | 0.039 | | |
| 8940 | 0.04 | | |
| 9000 | 0.039 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 9060 | 0.039 | | |
| 9120 | 0.039 | | |
| 9180 | 0.039 | | |
| 9240 | 0.039 | | |
| 9300 | 0.04 | | |
| 9360 | 0.038 | | |
| 9420 | 0.038 | | |
| 9480 | 0.039 | | |
| 9540 | 0.04 | | |
| 9600 | 0.039 | | |
| 9660 | 0.04 | | |
| 9720 | 0.038 | | |
| 9780 | 0.04 | | |
| 9840 | 0.039 | | |
| 9900 | 0.039 | | |
| 9960 | 0.039 | | |
| 10020 | 0.039 | | |
| 10080 | 0.04 | | |
| 10140 | 0.04 | | |
| 10200 | 0.04 | | |
| 10260 | 0.038 | | |
| 10320 | 0.036 | | |
| 10380 | 0.036 | | |
| 10440 | 0.035 | | |
| 10500 | 0.035 | | |
| 10560 | 0.038 | | |
| 10620 | 0.036 | | |
| 10680 | 0.035 | | |
| 10740 | 0.036 | | |
| 10800 | 0.035 | | |
| 10860 | 0.037 | | |
| 10920 | 0.036 | | |
| 10980 | 0.036 | | |
| 11040 | 0.036 | | |
| 11100 | 0.036 | | |
| 11160 | 0.038 | | |
| 11220 | 0.038 | | |
| 11280 | 0.037 | | |
| 11340 | 0.037 | | |
| 11400 | 0.037 | | |
| 11460 | 0.036 | | |
| 11520 | 0.036 | | |
| 11580 | 0.035 | | |
| 11640 | 0.037 | | |
| 11700 | 0.037 | | |
| 11760 | 0.037 | | |
| 11820 | 0.038 | | |
| 11880 | 0.037 | | |
| 11940 | 0.035 | | |
| 12000 | 0.035 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 12060 | 0.037 | | |
| 12120 | 0.035 | | |
| 12180 | 0.036 | | |
| 12240 | 0.038 | | |
| 12300 | 0.038 | | |
| 12360 | 0.037 | | |
| 12420 | 0.037 | | |
| 12480 | 0.036 | | |
| 12540 | 0.037 | | |
| 12600 | 0.037 | | |
| 12660 | 0.037 | | |
| 12720 | 0.036 | | |
| 12780 | 0.036 | | |
| 12840 | 0.035 | | |
| 12900 | 0.033 | | |
| 12960 | 0.033 | | |
| 13020 | 0.036 | | |
| 13080 | 0.035 | | |
| 13140 | 0.034 | | |
| 13200 | 0.036 | | |
| 13260 | 0.034 | | |
| 13320 | 0.033 | | |
| 13380 | 0.036 | | |
| 13440 | 0.034 | | |
| 13500 | 0.035 | | |
| 13560 | 0.035 | | |
| 13620 | 0.035 | | |
| 13680 | 0.034 | | |
| 13740 | 0.034 | | |
| 13800 | 0.036 | | |
| 13860 | 0.034 | | |
| 13920 | 0.035 | | |
| 13980 | 0.035 | | |
| 14040 | 0.036 | | |
| 14100 | 0.034 | | |
| 14160 | 0.035 | | |
| 14220 | 0.034 | | |
| 14280 | 0.036 | | |
| 14340 | 0.035 | | |
| 14400 | 0.036 | | |
| 14460 | 0.034 | | |
| 14520 | 0.035 | | |
| 14580 | 0.035 | | |
| 14640 | 0.036 | | |
| 14700 | 0.036 | | |
| 14760 | 0.034 | | |
| 14820 | 0.034 | | |
| 14880 | 0.034 | | |
| 14940 | 0.036 | | |
| 15000 | 0.035 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 15060 | 0.035 | | |
| 15120 | 0.036 | | |
| 15180 | 0.036 | | |
| 15240 | 0.035 | | |
| 15300 | 0.035 | | |
| 15360 | 0.034 | | |
| 15420 | 0.036 | | |
| 15480 | 0.035 | | |
| 15540 | 0.035 | | |
| 15600 | 0.034 | | |
| 15660 | 0.036 | | |
| 15720 | 0.033 | | |
| 15780 | 0.036 | | |
| 15840 | 0.035 | | |
| 15900 | 0.033 | | |
| 15960 | 0.033 | | |
| 16020 | 0.034 | | |
| 16080 | 0.036 | | |
| 16140 | 0.035 | | |
| 16200 | 0.035 | | |
| 16260 | 0.033 | | |
| 16320 | 0.035 | | |
| 16380 | 0.034 | | |
| 16440 | 0.036 | | |
| 16500 | 0.034 | | |
| 16560 | 0.033 | | |
| 16620 | 0.034 | | |
| 16680 | 0.033 | | |
| 16740 | 0.033 | | |
| 16800 | 0.035 | | |
| 16860 | 0.034 | | |
| 16920 | 0.033 | | |
| 16980 | 0.035 | | |
| 17040 | 0.035 | | |
| 17100 | 0.034 | | |
| 17160 | 0.033 | | |
| 17220 | 0.034 | | |
| 17280 | 0.033 | | |
| 17340 | 0.035 | | |
| 17400 | 0.035 | | |
| 17460 | 0.035 | | |
| 17520 | 0.034 | | |
| 17580 | 0.036 | | |
| 17640 | 0.033 | | |
| 17700 | 0.036 | | |
| 17760 | 0.034 | | |
| 17820 | 0.034 | | |
| 17880 | 0.036 | | |
| 17940 | 0.034 | | |
| 18000 | 0.035 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 18060 | 0.035 | | |
| 18120 | 0.034 | | |
| 18180 | 0.036 | | |
| 18240 | 0.036 | | |
| 18300 | 0.034 | | |
| 18360 | 0.035 | | |
| 18420 | 0.033 | | |
| 18480 | 0.035 | | |
| 18540 | 0.036 | | |
| 18600 | 0.035 | | |
| 18660 | 0.034 | | |
| 18720 | 0.036 | | |
| 18780 | 0.035 | | |
| 18840 | 0.034 | | |
| 18900 | 0.034 | | |
| 18960 | 0.035 | | |
| 19020 | 0.036 | | |
| 19080 | 0.035 | | |
| 19140 | 0.034 | | |
| 19200 | 0.035 | | |
| 19260 | 0.034 | | |
| 19320 | 0.036 | | |
| 19380 | 0.034 | | |
| 19440 | 0.035 | | |
| 19500 | 0.034 | | |
| 19560 | 0.035 | | |
| 19620 | 0.035 | | |
| 19680 | 0.033 | | |
| 19740 | 0.034 | | |
| 19800 | 0.033 | | |
| 19860 | 0.035 | | |
| 19920 | 0.035 | | |
| 19980 | 0.033 | | |
| 20040 | 0.034 | | |
| 20100 | 0.034 | | |
| 20160 | 0.034 | | |
| 20220 | 0.034 | | |
| 20280 | 0.034 | | |
| 20340 | 0.034 | | |
| 20400 | 0.034 | | |
| 20460 | 0.034 | | |
| 20520 | 0.036 | | |
| 20580 | 0.035 | | |
| 20640 | 0.035 | | |
| 20700 | 0.036 | | |
| 20760 | 0.033 | | |
| 20820 | 0.033 | | |
| 20880 | 0.035 | | |
| 20940 | 0.035 | | |
| 21000 | 0.035 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 21060 | 0.034 | | |
| 21120 | 0.035 | | |
| 21180 | 0.035 | | |
| 21240 | 0.034 | | |
| 21300 | 0.033 | | |
| 21360 | 0.034 | | |
| 21420 | 0.035 | | |
| 21480 | 0.034 | | |
| 21540 | 0.036 | | |
| 21600 | 0.034 | | |
| 21660 | 0.033 | | |
| 21720 | 0.033 | | |
| 21780 | 0.035 | | |
| 21840 | 0.033 | | |
| 21900 | 0.033 | | |
| 21960 | 0.035 | | |
| 22020 | 0.033 | | |
| 22080 | 0.035 | | |
| 22140 | 0.034 | | |
| 22200 | 0.033 | | |
| 22260 | 0.033 | | |
| 22320 | 0.034 | | |
| 22380 | 0.035 | | |
| 22440 | 0.036 | | |
| 22500 | 0.036 | | |
| 22560 | 0.034 | | |
| 22620 | 0.035 | | |
| 22680 | 0.035 | | |
| 22740 | 0.035 | | |
| 22800 | 0.034 | | |
| 22860 | 0.032 | | |
| 22920 | 0.032 | | |
| 22980 | 0.034 | | |
| 23040 | 0.032 | | |
| 23100 | 0.032 | | |
| 23160 | 0.031 | | |
| 23220 | 0.031 | | |
| 23280 | 0.031 | | |
| 23340 | 0.031 | | |
| 23400 | 0.031 | | |
| 23460 | 0.034 | | |
| 23520 | 0.033 | | |
| 23580 | 0.032 | | |
| 23640 | 0.031 | | |
| 23700 | 0.034 | | |
| 23760 | 0.032 | | |
| 23820 | 0.03 | | |
| 23880 | 0.034 | | |
| 23940 | 0.034 | | |
| 24000 | 0.032 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 24060 | 0.031 | | |
| 24120 | 0.034 | | |
| 24180 | 0.034 | | |
| 24240 | 0.033 | | |
| 24300 | 0.031 | | |
| 24360 | 0.033 | | |
| 24420 | 0.031 | | |
| 24480 | 0.034 | | |
| 24540 | 0.032 | | |
| 24600 | 0.032 | | |
| 24660 | 0.03 | | |
| 24720 | 0.033 | | |
| 24780 | 0.033 | | |
| 24840 | 0.033 | | |
| 24900 | 0.032 | | |
| 24960 | 0.031 | | |
| 25020 | 0.034 | | |
| 25080 | 0.032 | | |
| 25140 | 0.031 | | |
| 25200 | 0.031 | | |
| 25260 | 0.031 | | |
| 25320 | 0.033 | | |
| 25380 | 0.03 | | |
| 25440 | 0.034 | | |
| 25500 | 0.032 | | |
| 25560 | 0.033 | | |
| 25620 | 0.031 | | |
| 25680 | 0.033 | | |
| 25740 | 0.031 | | |
| 25800 | 0.032 | | |
| 25860 | 0.034 | | |
| 25920 | 0.031 | | |
| 25980 | 0.032 | | |
| 26040 | 0.03 | | |
| 26100 | 0.012 | | |
| 26160 | 0.019 | | |
| 26220 | 0.024 | | |
| 26280 | 0.019 | | |
| 26340 | 0.027 | | |
| 26400 | 0.024 | | |
| 26460 | 0.025 | | |
| 26520 | 0.026 | | |
| 26580 | 0.024 | | |
| 26640 | 0.025 | | |
| 26700 | 0.026 | | |
| 26760 | 0.025 | | |
| 26820 | 0.026 | | |
| 26880 | 0.026 | | |
| 26940 | 0.025 | | |
| 27000 | 0.026 | | |

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 27060 | 0.024 | | |
| 27120 | 0.025 | | |
| 27180 | 0.026 | | |
| 27240 | 0.026 | | |
| 27300 | 0.025 | | |
| 27360 | 0.024 | | |
| 27420 | 0.024 | | |
| 27480 | 0.025 | | |
| 27540 | 0.026 | | |
| 27600 | 0.027 | | |
| 27660 | 0.025 | | |
| 27720 | 0.026 | | |
| 27780 | 0.026 | | |
| 27840 | 0.025 | | |
| 27900 | 0.024 | | |
| 27960 | 0.026 | | |
| 28020 | 0.025 | | |
| 28080 | 0.026 | | |
| 28140 | 0.024 | | |
| 28200 | 0.026 | | |
| 28260 | 0.026 | | |
| 28320 | 0.026 | | |
| 28380 | 0.025 | | |
| 28440 | 0.027 | | |
| 28500 | 0.025 | | |
| 28560 | 0.026 | | |
| 28620 | 0.025 | | |
| 28680 | 0.024 | | |
| 28740 | 0.025 | | |
| 28800 | 0.024 | | |
| 28860 | 0.025 | | |
| 28920 | 0.026 | | |
| 28980 | 0.024 | | |
| 29040 | 0.026 | | |
| 29100 | 0.027 | | |
| 29160 | 0.025 | | |
| 29220 | 0.027 | | |
| 29280 | 0.026 | | |
| 29340 | 0.026 | | |
| 29400 | 0.025 | | |
| 29460 | 0.025 | | |
| 29520 | 0.026 | | |
| 29580 | 0.025 | | |
| 29640 | 0.026 | | |
| 29700 | 0.024 | | |
| 29760 | 0.025 | | |
| 29820 | 0.027 | | |
| 29880 | 0.026 | | |
| 29940 | 0.025 | | |
| 30000 | 0.027 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | |
| Test Start Time | 8:03:43 AM |
| Test Start Date | 8/14/2025 |
| Test Length [D:H:M] | 0:08:22 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.035 |
| Mass Minimum [mg/m3] | 0.012 |
| Mass Maximum [mg/m3] | 0.005 |
| Mass TWA [mg/m3] | 0.052 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | |
| Number of Samples | 502 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 30060 | 0.026 | | |
| 30120 | 0.025 | | |

SESI
CONSULTING ENGINEERS

**REMEDIAL INVESTIGATION REPORT**

COMMUNITY AIR MONITORING DATA
(UPWIND)

C241283
163-25 Archer Avenue
Jamaica, Queens, NY

| | |
|---|---|
| Instrument Name | DustTrak II |
| Model Number | 8530 |
| Serial Number | 8530152610 |
| Firmware Version | 3.1 |
| Calibration Date | 1/29/2025 |
| Test Name | MANUAL_005 |
| Test Start Time | 7:36:31 AM |
| Test Start Date | 8/15/2025 |
| Test Length [D:H:M] | 0:00:05 |
| Test Interval [M:S] | 1:00 |
| Mass Average [mg/m3] | 0.013 |
| Mass Minimum [mg/m3] | 0.008 |
| Mass Maximum [mg/m3] | 0.022 |
| Mass TWA [mg/m3] | 0 |
| Photometric User Cal | 1 |
| Flow User Cal | 0 |
| Errors | Flow Error |
| Number of Samples | 5 |

| Elapsed Time [s] | Mass [mg/m3] | Alarms | Errors |
|---|---|---|---|
| 60 | 0.021 | | |
| 120 | 0.022 | | |
| 180 | 0.014 | | |
| 240 | 0.008 | | Flow Error |
| 300 | 0.013 | | Flow Error |