**COLLEGE POINT 3 SITE**

# INTERIM PERIODIC REVIEW REPORT

**For**

**Block 3916 Lot 27 and Block 3916 Lot 265**

**June 2024 through June 2025**

**SITE # 241122**

**QUEENS COUNTY, COLLEGE POINT, NEW YORK**

**PREPARED FOR:**

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

**DEPARTMENT OF ENVIRONMENTAL REMEDIATION**

**WORK ASSIGNMENT D009803-10**

**PREPARED BY:**

**AECOM USA, INC.**

**605 3rd Avenue, 3rd Floor**

**NEW YORK, NEW YORK 10158**

**October 2025**

## TABLE OF CONTENTS


Page No.

1.0 INTRODUCTION ..... 1-1

1.1 General ..... 1-1
1.2 Remedial Work Completed at the Site ..... 1-2
1.3 Institutional and Engineering Controls ..... 1-3

2.0 SITE DESCRIPTION ..... 2-1

3.0 MONITORING ACTIVITIES ..... 3-1

3.1 Monthly Well Gauging ..... 3-1
3.2 Groundwater Sampling ..... 3-2
3.3 Waste Disposal (2024-2025) ..... 3-3

4.0 SITE INSPECTIONS AND MAINTENANCE ..... 4-1

4.1 Monitoring Well Inspections ..... 4-1
4.2 Site Cover Inspection ..... 4-1

5.0 SUMMARY AND RECOMMENDATIONS ..... 5-1

5.1 Monthly Well Gauging ..... 5-1
5.2 Groundwater Monitoring ..... 5-2
5.3 Site Cover System ..... 5-3
5.4 Certification of Institutional/Engineering Controls ..... 5-3

## TABLES


Table 1 Summary of Total Product Recovery (Through June 23, 2025)

Table 2 May 2025 Groundwater Data Summary


## FIGURES


Figure 1 Site Location

Figure 2 Site Plan

Figure 3 Groundwater Elevation and Product Thickness (May 27, 2025)

Figure 4 Groundwater Analytical Exceedances (May 2025)


## APPENDICES


Appendix A Environmental Easements

Appendix B Data Usability Summary Reports and Purge Logs

Appendix C Waste Manifests

Appendix D Site Inspection Photographs (June 23, 2025)

## CERTIFICATION STATEMENT

For each engineering control identified for the site, I, Robert Forstner, certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the engineering controls required by the remedial program was performed under my direction;
- The engineering control employed at this site is unchanged from the date the control was put in place, or last approved by the Department;
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any site management plan for this control;
- Access to the site will continue to be provided to the Department to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- The engineering control systems are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices; and
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Robert Forstner, of AECOM USA, Inc., am certifying as the Remedial Party's Designated Site Representative.

I certify that the New York State Education Department has granted a Certificate of Authorization to provide Professional Engineering services to the firm that prepared this Periodic Review Report.




_____ P.E.

License No. 080989 _____ DATE

# 1.0 INTRODUCTION

## 1.1 General

This Interim Periodic Review Report for the period June 2024 through June 2025 has been prepared by AECOM USA, Inc. (AECOM) under New York State Department of Environmental Conservation (NYSDEC) Work Assignment No. D009803-10 for the College Pt 3 Site (Site) (Figure 1). The purpose of this report is to summarize site monitoring and remedial activities, provide an assessment of site conditions, and evaluate the overall performance of the remedy for the reporting period from June 2024 through June 2025.

The College Point 3 site consists of the following properties: New York City-owned lots: Block 3916 Lot 27 and Block 3916 Lot 265 and condominium properties: Block 3916 Lot 108 (partial), Block 3916 Lot 250 (partial), and Block 3916 Lot 255. A figure showing the site location and boundaries of the Site is provided as Figure 2.

Prior to construction of the Soundview Condominiums (a.k.a. College Point Properties - NYSDEC Site V00254), Light Non-Aqueous Phase Liquid (LNAPL, or "floating oil") was identified along its eastern site boundary, which is shared with the Site. The floating oil was found to contain polychlorinated biphenyls (PCBs). Based on this information, the NYSDEC conducted an investigation to determine if PCB-containing floating oil was present beneath the College Point 3 Site.

After completion of the remedial work at the Site, some contamination was left and is hereafter referred to as "Remaining Contamination". Section 1.2 provides a brief description of the work completed. Institutional Controls (ICs, written) and Engineering Controls (ECs, physical) have been incorporated into the Site remedy to control exposure to Remaining Contamination to ensure protection of public health and the environment. ICs are in place for the three condominium sites (Block 3916, Lots 108 (partial), 250 (partial), and Lot 255. ECs are in place site-wide on all five properties, including the NYC-owned lots. Each condominium property has its own Site Management Plan and PRR schedule covering certification and maintenance of ICs and ECs. This PRR addresses the NYC-owned lots, where ECs are in place, only.

Environmental Easements granted to the NYSDEC, and recorded with the Queens County Clerk, require compliance with the Site Management Plan (AECOM, 2022) (SMP) and all ECs and ICs placed on the Site. Copies of these Easements are provided in Appendix A.

## 1.2 Remedial Work Completed at the Site

Three Interim Remedial Measures have been conducted by NYSDEC and are summarized in detail in the Final Engineering Report (AECOM, May 2022).

Beginning in 2007, NYSDEC began passive collection of LNAPL utilizing oil-absorbent material (sorbent socks). Sorbent socks were changed out on a bi-weekly and then monthly schedule; all spent sorbent socks were placed in 55-gallon drums for off-site disposal. Different LNAPL removal technologies were evaluated over time, including limited pumping of several wells between July 2016 and March 2019. Two different types of peristaltic pumps and three different sizes of tubing were utilized to try and increase both the amount of LNAPL recovered during each event as well as the amount of LNAPL that entered each well. However, the high viscosity of the LNAPL limited the effectiveness of pumping. Since the measured thickness of LNAPL in wells pumped did not increase over time, and measured LNAPL thickness in each well could be absorbed by the sorbent socks, limited pumping was discontinued. Currently, sorbent socks are changed out on a monthly schedule.

In 2018, Envirotrac under contract with NYSDEC, removed surface soil and installed a soil cover at the Site for all unpaved areas, including planter boxes. Soil cover for each lot was based on the use of each property and the depth of the contamination.

- Block 3916, Lots 250 and 255 (condominium properties) have a two-foot clean soil cover.
- Block 3916, Lot 108 (condominium property), has a previously established deed restriction as a public access park and tidal wetland area that prohibits gardening, agricultural activity, change in site grade or vegetation. This meets the definition of passive recreational or commercial use. This lot has a one-foot clean soil cover.

  Block 3916, Lot 27, while owned by New York City and therefore not a residential use property, is in close proximity to residential areas as it serves as the common courtyard area for two of the privately-owned condominiums. As a result, this lot received a two-foot clean soil cover.

During work to construct the soil cover in 2018, ten steel drums were identified in the subsurface on Block 3916 Lot 255 condominium property. The drums were corroded, but appeared to contain waste oil when they were originally buried. Over time, the drums collapsed from the weight of the fill around them and allowed the waste oil to leak out of the drums into the

surrounding soil. Samples were collected to characterize impacts to the soils and determine remedial requirements for the area. Results indicated the presence of petroleum compounds as well as PCBs, which were detected at a maximum concentration of 3,000 parts per million (ppm), meeting the definition of PCB remediation waste and requiring disposal at a permitted hazardous waste landfill. After delineating the area with additional subsurface investigation, 268.10 tons of PCB-contaminated soil was excavated and disposed off-site from Block 3916, Lot 255 condominium property and a small section of Block 3916 Lot 108 condominium property. A demarcation layer was placed at the base of the excavation and the excavation backfilled. This work was documented in the September 2019 IRM Construction Completion Report.

### 1.3 Institutional and Engineering Controls

| | |
|---|---|
| **Site Identification** | Site No. 241122 College Point 3 Site: Block 3916 Lot 27 – Controlled Property (NYC Owned)<br>Block 3916, Lot 265 – NYC Owned.<br>Block 3916, Lots 108, 250, and 255 – privately owned. These lots have their own SMPs covering certification and maintenance of their ECs. |
| **Institutional Controls:** | 1) The Controlled Property (Block 3916, Lot 27 – NYC Owned) may be used for: Commercial Use as described in 6 NYCRR Part 375- 1.8(g)(2)(iii). No Institutional Controls exist for this property.<br><br>Block 3916, Lot 265 – NYC Owned: may be used for: Commercial Use as described in 6 NYCRR Part 375-1.8(g)(2)(iii). No Institutional Controls exist for this property.<br><br>Block 3916 Lot 108, Block 3916, Lot 250, and Block 3916, Lot 255 – all privately owned: Restricted Residential use as described in 6 NYCRR Part 375-1.8(g)(2)(ii). Institutional Controls are in place for these privately owned lots.<br><br>2) All Engineering Controls must be operated and maintained as specified in the SMP;<br><br>3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP; |

| | |
|---|---|
| | 4) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;<br><br>5) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner as defined in the SMP;<br><br>6) All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;<br><br>7) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;<br><br>8) Operation, maintenance, monitoring, inspection and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP; and<br><br>9) Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement. |
| **Engineering Controls:** | All lots: Cover System, Product Recovery Wells |

| **Inspections:** | **Frequency** |
|---|---|
| Site Wide Inspection | Annually |
| **Monitoring:** | |
| 1. Well Gauging | Monthly |
| 2. Product Recovery | Monthly |
| 3. Sampling (Select Wells) | Annually |
| **Reporting:** | |
| 1. Inspection Report | Annually |
| 2. Periodic Review Report | Annually |

## 2.0 SITE DESCRIPTION

The Site is comprised of the Block 3916, Lot 27 New York City owned property, with four additional lots comprising the off-site areas..

**Block 3916 Lot 27 (On-site)**

This property is an approximately 0.24-acre area that is bounded by the Villas at Riverview Condominium (Lot 255) to the north, Soundview Condominiums to the west (NYSDEC Site V00254), and the Riverview at College Point Condominiums III to the south and east (Lot 250). The current owner of this lot is the NYC Department of Citywide Administrative Services (DCAS).

**Block 3916 Lot 265 (Off-site)**

This is an approximately 0.08-acre area that makes up a small part of the parking area along Capstan Court. The lot is bounded by Powell Cove Estates to the east and north, and Capstan Court and Riverview at College Point Condominiums III to the west and south. The current owner of this lot is the NYC DCAS.

**Block 3916 Lot 108 (Off-site)**

This property is an approximately 1.198-acre area and is bounded by the East River to the north, Riviera Court to the south, the Soundview Condominiums to the west, and the Powell Cove Estates Homeowners Association to the east (see Figure 2 – Site Plan). The owner of this parcel at the time of issuance of this report is Powell Cove Estates Homeowners Association (Powell Cove).

This property is a New York City Waterfront Park. The parcel is zoned residential and is currently utilized as a passive recreational use area with public access from dawn to dusk. The neighborhood is primarily residential, including the adjoining properties.

**Block 3916 Lot 250 (Off-site)**

This property is an approximately 1.597-acre L-shaped area and is bounded by Riviera Court and NYCDCAS property to the north and northwest, the southern side of Cove Court to the south, the eastern side of Capstan Court to the east, and the Soundview Condominiums to the west (see Figure 2 – Site Plan). The owner of this parcel at the time of issuance of this report is Riverview at College Point Condominiums III (Condo III).

The property consists of two condominium buildings, pavement, and grassy areas. The property is zoned residential and is currently utilized for condominiums. Occupants include the

residents of Riverview at College Point Condominiums III. The neighborhood is primarily residential, including the adjoining properties.

**Block 3916 Lot 255 (Off-site)**

This property is an approximately 1.907-acre area and is bounded by a grassy area (Lot 108) to the north and northeast, a grassy area and NYCDCAS property to the south, Capstan Court to the east and southeast, and the Soundview Condominiums to the west (see Figure 2 – Site Plan). The owner of the parcel at the time of issuance of this report is Villas at the Riverview Condominium (The Villas).

The property consists of two two- and three-story condominium buildings, pavement, and grassy areas. The property is zoned residential and is currently utilized for condominiums. Occupants include the residents of the Villas at the Riverview Condominium. The neighborhood is primarily residential, including the adjoining properties.

## 3.0 MONITORING ACTIVITIES

The Site monitoring activities described in this report were performed in 2024 and ongoing in 2025 in accordance with the SMP. Site monitoring consists of:

- Annual Site cover inspections,
- Monthly well gauging and sorbent sock changeouts, and
- Collection of groundwater samples from all wells that do not contain LNAPL. The sampling event documented in this PRR was conducted in May 2025. This report discusses the 2025 groundwater sampling event.

### 3.1 Monthly Well Gauging

Interim Remedial Measures (IRM) to remove LNAPL have been conducted since 2007. Monitoring wells with measurable and/or trace amounts of LNAPL or with a history of measurable and/or trace amounts of LNAPL are gauged monthly for the depth to water and the presence of LNAPL. Wells with measurable or trace amounts of LNAPL have sorbent socks installed to absorb and remove the LNAPL. Monthly well gauging procedures are as follows:

- Water level measurements at Site wells; measurement of the thickness of LNAPL, if present; and retrieval and placement of oil absorbent socks in on-site wells containing evidence of LNAPL. Absorbent socks are changed out monthly in monitoring wells exhibiting an LNAPL layer or sheen.
- Each absorbent sock is weighed prior to placement and after removal to gauge the approximate quantity of LNAPL removal.
- When sufficient LNAPL is present, free product is pumped from recovery and/or monitoring wells using a peristaltic pump or Site-dedicated whale pump.
- All waste (e.g., LNAPL, oil-stained socks, personal protective equipment, pumped free product) is drummed in 55-gallon open top steel drums. Each steel drum is typically set inside an 85 or 95-gallon poly overpack for secondary containment. Drums are stored in a gated and locked fenced enclosure on Site.

Through the June 2025 monthly gauging event, a total of 301.85 gallons of LNAPL have been removed from monitoring wells. Table 1 presents a cumulative summary of the quantities of LNAPL removed since May 2007. Groundwater flow is generally to the east-southeast. Figure 3

shows the groundwater elevations, groundwater elevation contours, and LNAPL thicknesses measured at the Site during the May 2025 sampling event.

## 3.2 Groundwater Sampling

Between May 28, 2025, and May 30, 2025, AECOM collected groundwater samples from 12 monitoring wells and 1 field duplicate quality control (QC) samples using low-flow sampling procedures.

Prior to sample collection, standing water was purged from each well with a GeoPump2 peristaltic pump using dedicated/disposable high-density polyethylene (HDPE) tubing. Wells were purged at rates ranging between 200 and 300 milliliters per minute with the purge rates adjusted to minimize draw down. During purging, water quality parameters (i.e., pH, specific conductivity, temperature, dissolved oxygen, turbidity) were measured using a YSI Pro DSS-4 multi-parameter instrument with a flow-through cell. The water quality parameters were documented on purge logs. Samples were collected after the water quality parameters stabilized. Purge water was disposed into a 55-gallon open top steel drum for subsequent off-site disposal. The samples were transported under chain of custody (COC) to the NYSDEC's callout laboratory, Pace Analytical Services, LLC, a New York State Department of Health (NYSDOH) Environmental Laboratory Approval Program (ELAP) accredited laboratory. The samples were analyzed for Target Compound List (TCL) Volatile Organic Compounds (VOCs) via United States Environmental Protection Agency (EPA) Method 8260C; TCL Semi-volatile Organic Compounds (SVOC) via EPA Method 8270D, and PCBs via EPA Method 8082A.

### Analytical Results

NYSDEC Analytical Services Protocol (ASP) Category B data deliverables were received and validated by AECOM. For each event, the data was reviewed in accordance with the requirements outlined in *Guidance for Data Deliverables and the Development of Data Usability Summary Reports (DUSR), Appendix 2B, DER-10/Technical Guidance for Site Investigation and Remediation* (NYSDEC, May 2010). Data summary tables and Form I's are provided in the DUSR and include the reporting limit for each non-detected compound. A copy of the DUSR and purge logs are provided Appendix B.

Analytical results are compared to the NYSDEC Technical Operational Guidance Series (TOGS) 1.1.1 *Ambient Water Quality Standards and Guidance Values and Groundwater Effluent Limitations*, June 1998 (including subsequent revisions and updates).

May 2025

A summary of the compounds that exceed criteria in groundwater samples is shown on Figure 4. Table 2 shows all compounds that were detected during the May 2025 groundwater sampling event. A summary of the May 2025 groundwater results is shown below.

- Acetone was detected above its criterion in DEC-030 with a concentration of 90 micrograms per liter (ug/L). Acetone was also detected, but below its criterion in 10 of the 11 other wells sampled. All 10 of those detections were qualified J as estimated concentrations. However, acetone is a common laboratory artifact and the acetone exceedance at DEC-030 may be a product of laboratory contamination.
- Benzene was detected above its criterion in four wells, with the highest concentration being 33 ug/L at monitoring well DEC-054.
- Chlorobenzene was detected above its criterion in one well, MW-05, with a concentration of 15 ug/L.
- Isopropylbenzene was detected above its criterion in one well, DEC-038, with a concentration of 6.2 ug/L.
- Naphthalene was reported by the laboratory on both the VOC and SVOC analyses list. One well, DEC-054, had detected naphthalene above its criterion on both the VOC and SVOC analyses with concentrations of 20 ug/L and 13 ug/L, respectively. Two other wells reported naphthalene above its criterion on the VOC analyses list, including DEC-034 (19 ug/L – qualified J as estimated) and RW-A (14 ug/L).
- Total PCBs were detected above its criterion at three locations: DEC-024 (0.28 ug/L – qualified J as estimated), DEC-030 (3.1 ug/L), and MW-14 and its duplicate (0.43 ug/L and 0.17 ug/L – qualified J as estimated).
- Two well locations had detected SVOCs compounds above their criteria, including benzo(a)pyrene (0.89 ug/L – qualified J as estimated) and benzo(b)fluoranthene (0.76 ug/L – qualified J as estimated) at DEC-021. As noted above, naphthalene (13 ug/L) was also detected above its criterion at DEC-054.

### 3.3 Waste Disposal (2024-2025)

Waste was transported off-site on three occasions since the previous PRR: two drums in September 2024 (1 purge water and 1 sorbent materials), one drum in February 2025 (sorbent

materials), and two drums in July 2025 (1 purge water and 1 sorbent materials). Copies of waste manifests are provided in Appendix C.

## 4.0 SITE INSPECTIONS AND MAINTENANCE

Well inspections were performed during monthly gauging events and Site cover inspections were performed annually; these inspections are summarized in the following sections. The inspection report photograph log completed on June 23, 2025 is included in Appendix D.

### 4.1 Monitoring Well Inspections

Well inspections were performed during monthly well gauging events. When deficiencies were observed, they were noted on monthly well gauging field data sheets. Field personnel performed repairs or replaced parts as needed where possible when deficiencies were observed. Typical repairs and replacements included replacement of j-plugs, replacement of manway bolts, rehabilitation of manway bolt threads, and cleaning of manways from debris.

### 4.2 Site Cover Inspection

The site-wide cover system includes paved streets, paved parking areas, sidewalks, and soil where the exposed surface soil meets the applicable soil cleanup objectives (SCOs). The Villas, Condo III, and Powell Cove condominiums inspect and certify maintenance of the cover system on their properties. The cover system inspected and certified as part of the PRR consists of the two NYC-owned properties: Lot 27 and Lot 265. Refer to Figure 2.

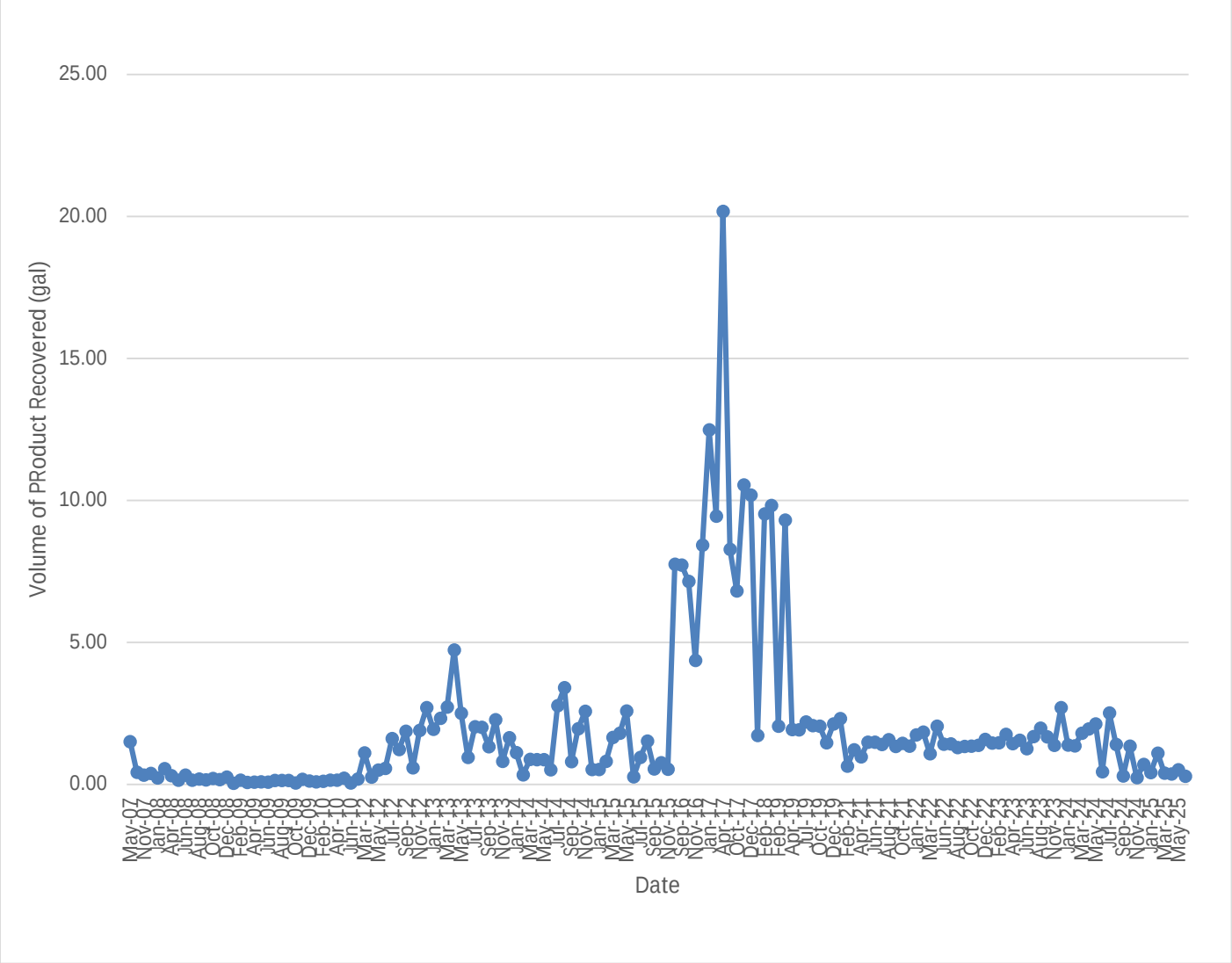
A Site cover inspection was performed on June 23, 2025. The cover was found to be, overall, in good condition. The vegetation was found to be well-established, and the asphalt is in an acceptable condition. A photograph log of the cover system and other site photos are included in Appendix D.

## 5.0 SUMMARY AND RECOMMENDATIONS

A summary of monitoring and recommendations are provided below.

### 5.1 Monthly Well Gauging

AECOM has been collecting monitoring well gauging data since May 2007, typically on a monthly basis. When present, LNAPL is recovered from each well using either an absorbent sock or pump during each monitoring event. The chart below illustrates the quantity of LNAPL recovered during each visit. As shown on the chart and in Table 1, the quantity of LNAPL recovered has ranged from 0.04 gallons to as much as 20.18 gallons. From May 2007 through November 2015, the quantity of LNAPL recovered was consistently below 5 gallons. Beginning in July 2016, limited pumping with peristaltic pump was attempted to try and increase the amount of LNAPL recovered during each event. Due to the highly viscous LNAPL at the site, oil was observed coating the sorbent socks and it was unclear whether LNAPL was being absorbed by the socks. From July 2016 through March 2019, recovered LNAPL quantities were generally higher and ranged from 1.72 gallons in January 2018, to 20.18 gallons in April 2017; the higher quantities were due to the use of a portable pump for product recovery during that time period as well as added water collected during pumping. After March 2019, a portable pump was no longer used for product recovery since it was determined that the amount of LNAPL present in the wells could be removed with the sorbent socks, and the volume of LNAPL recovered since then continued to decrease. For the period of June 2024 through June 2025, the average LNAPL recovered per event has been approximately 0.77 gallons.




Since LNAPL continues to be recovered consistently from Site groundwater monitoring wells, AECOM recommends that LNAPL recovery continue on a monthly basis.

## 5.2 Groundwater Monitoring

Groundwater data shows that there have been consistent exceedances of criteria for VOCs and SVOCs, but unlike the previous PRR, PCBs were detected above criteria at three locations (DEC-024, DEC-030, and MW-14). PCBs were not detected above criteria in the 2021, 2022, or 2024 groundwater sampling events (note that no sampling occurred in 2023). Historically, MW-14 has had periodic detections of trace amounts of LNAPL during well gauging, but DEC-024 and

DEC-030 have not. Future groundwater monitoring will help to determine whether these detections are based on a change in site conditions or a possible off-site source of PCBs that has migrated onto the site. To aid in this determination, AECOM recommends that the 2026 annual groundwater monitoring event include low-level detection methods (8270 SIM for PAHs and for PCBs either EPA Method 608 or EPA 1668 PCB Congeners). Groundwater monitoring will continue on an annual basis.

### 5.3 Site Cover System

The Site cover system is in good condition and does not require any repairs or modifications. AECOM recommends that Site cover system inspections continue on an annual basis.

### 5.4 Certification of Institutional/Engineering Controls

The On-Site and Off-site portions of the site consist of 5 total lots: Block 3916, Lots 27 (On-site), and Off-site lots 108 (partial), 250 (partial), 255 and 265. The privately-owned condominium properties (Block 3916 Lots 108, 250, and 255) each have their own SMP and recorded easements restricting use. Each is required to submit PRRs certifying ICs per their easement and the ECs (i.e., cover system) they are responsible for maintaining. The New York City-owned properties (Lots 27 and 265) do not have recorded easements and are monitored in accordance with their Department-approved-SMPs. To further clarify the on-site and off-site portions covered by the ICs (Block 3916, Lots 108, 250, and 255) and ECs (all lots), AECOM recommends that an updated SMP be issued.

This report covers the ECs under NYSDEC operation and maintenance. Therefore, a Professional Engineer will be required to certify the applicable EC as noted in the SMP (e.g., NAPL recovery). The PRR and certifying schedule recommended by NYSDEC is to be done on an annual basis.

# TABLES

**TABLE 1**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURES**

**SUMMARY OF TOTAL PRODUCT RECOVERY**

| Date | Volume (Gallons) | | | |
|---|---|---|---|---|
| | Portable Pump | Absorbent Socks | Monthly Total | Cumulative Totals |
| May-07 | 1.50 | 0.00 | 1.50 | 1.50 |
| Oct-07 | -- | 0.42 | 0.42 | 1.92 |
| Nov-07 | -- | 0.33 | 0.33 | 2.25 |
| Dec-07 | -- | 0.38 | 0.38 | 2.63 |
| Jan-08 | -- | 0.23 | 0.23 | 2.86 |
| Mar-08 | -- | 0.55 | 0.55 | 3.41 |
| Apr-08 | -- | 0.31 | 0.31 | 3.72 |
| May-08 | -- | 0.15 | 0.15 | 3.87 |
| Jun-08 | -- | 0.33 | 0.33 | 4.20 |
| Jul-08 | -- | 0.15 | 0.15 | 4.35 |
| Aug-08 | -- | 0.19 | 0.19 | 4.54 |
| Sep-08 | -- | 0.16 | 0.16 | 4.70 |
| Oct-08 | -- | 0.21 | 0.21 | 4.91 |
| Nov-08 | -- | 0.17 | 0.17 | 5.08 |
| Dec-08 | -- | 0.26 | 0.26 | 5.34 |
| Jan-09 | -- | 0.04 | 0.04 | 5.38 |
| Feb-09 | -- | 0.15 | 0.15 | 5.53 |
| Mar-09 | -- | 0.07 | 0.07 | 5.60 |
| Apr-09 | -- | 0.08 | 0.08 | 5.68 |
| May-09 | -- | 0.09 | 0.09 | 5.77 |
| Jun-09 | -- | 0.08 | 0.08 | 5.85 |
| Jul-09 | -- | 0.14 | 0.14 | 5.99 |
| Aug-09 | -- | 0.14 | 0.14 | 6.13 |
| Sep-09 | -- | 0.14 | 0.14 | 6.27 |
| Oct-09 | -- | 0.05 | 0.05 | 6.32 |
| Nov-09 | -- | 0.18 | 0.18 | 6.50 |
| Dec-09 | -- | 0.12 | 0.12 | 6.62 |
| Jan-10 | -- | 0.09 | 0.09 | 6.71 |
| Feb-10 | -- | 0.11 | 0.11 | 6.82 |
| Mar-10 | -- | 0.15 | 0.15 | 6.97 |
| Apr-10 | -- | 0.15 | 0.15 | 7.12 |
| May-10 | -- | 0.22 | 0.22 | 7.34 |
| Jun-10 | -- | 0.05 | 0.05 | 7.39 |
| Feb-12 | -- | 0.19 | 0.19 | 7.58 |
| Mar-12 | -- | 1.11 | 1.11 | 8.69 |
| Apr-12 | -- | 0.26 | 0.26 | 8.95 |
| May-12 | -- | 0.50 | 0.50 | 9.45 |
| Jun-12 | -- | 0.56 | 0.56 | 10.01 |
| Jul-12 | -- | 1.61 | 1.61 | 11.62 |
| Aug-12 | -- | 1.23 | 1.23 | 12.85 |
| Sep-12 | -- | 1.87 | 1.87 | 14.72 |
| Oct-12 | -- | 0.58 | 0.58 | 15.30 |
| Nov-12 | -- | 1.90 | 1.90 | 17.20 |
| Dec-12 | -- | 2.70 | 2.70 | 19.90 |
| Jan-13 | -- | 1.94 | 1.94 | 21.84 |
| Feb-13 | -- | 2.33 | 2.33 | 24.17 |
| Mar-13 | -- | 2.72 | 2.72 | 26.89 |
| Apr-13 | -- | 4.73 | 4.73 | 31.62 |
| May-13 | -- | 2.50 | 2.50 | 34.12 |
| Jun-13 | -- | 0.95 | 0.95 | 35.07 |

**TABLE 1**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURES**

**SUMMARY OF TOTAL PRODUCT RECOVERY**

| Date | Volume (Gallons) | | | |
|---|---|---|---|---|
| | Portable Pump | Absorbent Socks | Monthly Total | Cumulative Totals |
| Jul-13 | -- | 2.03 | 2.03 | 37.09 |
| Aug-13 | -- | 2.01 | 2.01 | 39.11 |
| Sep-13 | -- | 1.33 | 1.33 | 40.43 |
| Oct-13 | -- | 2.28 | 2.28 | 42.71 |
| Nov-13 | -- | 0.81 | 0.81 | 43.52 |
| Dec-13 | -- | 1.64 | 1.64 | 45.16 |
| Jan-14 | -- | 1.12 | 1.12 | 46.28 |
| Feb-14 | -- | 0.34 | 0.34 | 46.62 |
| Mar-14 | -- | 0.88 | 0.88 | 47.49 |
| Apr-14 | -- | 0.87 | 0.87 | 48.36 |
| May-14 | -- | 0.87 | 0.87 | 49.23 |
| Jun-14 | -- | 0.51 | 0.51 | 49.74 |
| Jul-14 | -- | 2.77 | 2.77 | 52.51 |
| Aug-14 | -- | 3.41 | 3.41 | 55.92 |
| Sep-14 | -- | 0.80 | 0.80 | 56.72 |
| Oct-14 | -- | 1.96 | 1.96 | 58.68 |
| Nov-14 | -- | 2.58 | 2.58 | 61.26 |
| Dec-14 | -- | 0.53 | 0.53 | 61.78 |
| Jan-15 | -- | 0.52 | 0.52 | 62.30 |
| Feb-15 | -- | 0.81 | 0.81 | 63.12 |
| Mar-15 | -- | 1.66 | 1.66 | 64.77 |
| Apr-15 | -- | 1.80 | 1.80 | 66.57 |
| May-15 | -- | 2.58 | 2.58 | 69.16 |
| Jun-15 | -- | 0.26 | 0.26 | 69.42 |
| Jul-15 | -- | 0.95 | 0.95 | 70.37 |
| Aug-15 | -- | 1.52 | 1.52 | 71.90 |
| Sep-15 | -- | 0.54 | 0.54 | 72.44 |
| Oct-15 | -- | 0.76 | 0.76 | 73.20 |
| Nov-15 | -- | 0.53 | 0.53 | 73.73 |
| Jul-16 | 7.75 | 0.00 | 7.75 | 81.48 |
| Sep-16 | 7 | 0.72 | 7.72 | 89.20 |
| Oct-16 | 6.75 | 0.40 | 7.15 | 96.35 |
| Nov-16 | 3.5 | 0.87 | 4.37 | 100.72 |
| Dec-16 | 7 | 1.42 | 8.42 | 109.13 |
| Jan-17 | 10.5 | 1.98 | 12.48 | 121.62 |
| Feb-17 | 8 | 1.44 | 9.44 | 131.06 |
| Apr-17 | 16.5 | 3.68 | 20.18 | 151.24 |
| Aug-17 | 7.25 | 1.03 | 8.28 | 159.52 |
| Oct-17 | 6 | 0.81 | 6.81 | 166.32 |
| Nov-17 | 9 | 1.55 | 10.55 | 176.87 |
| Dec-17 | 9 | 1.18 | 10.18 | 187.05 |
| Jan-18 | -- | 1.72 | 1.72 | 188.77 |
| Feb-18 | 8 | 1.52 | 9.52 | 198.29 |
| Dec-18 | 7.5 | 2.32 | 9.82 | 208.12 |
| Feb-19 | -- | 2.04 | 2.04 | 210.16 |
| Mar-19 | 7 | 2.30 | 9.30 | 219.47 |
| Apr-19 | -- | 1.92 | 1.92 | 221.39 |
| Jun-19 | -- | 1.92 | 1.92 | 223.31 |
| Jul-19 | -- | 2.19 | 2.19 | 225.51 |
| Sep-19 | -- | 2.07 | 2.07 | 227.58 |

**TABLE 1**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURES**

**SUMMARY OF TOTAL PRODUCT RECOVERY**

| Date | Volume (Gallons) | | | |
|---|---|---|---|---|
| | Portable Pump | Absorbent Socks | Monthly Total | Cumulative Totals |
| Oct-19 | -- | 2.05 | 2.05 | 229.63 |
| Nov-19 | -- | 1.46 | 1.46 | 231.09 |
| Dec-19 | -- | 2.13 | 2.13 | 233.22 |
| Jan-21 | -- | 2.32 | 2.32 | 235.54 |
| Feb-21 | -- | 0.64 | 0.64 | 236.18 |
| Mar-21 | -- | 1.22 | 1.22 | 237.40 |
| Apr-21 | -- | 0.97 | 0.97 | 238.37 |
| May-21 | -- | 1.48 | 1.48 | 239.85 |
| Jun-21 | -- | 1.48 | 1.48 | 241.33 |
| Jul-21 | -- | 1.40 | 1.40 | 242.74 |
| Aug-21 | -- | 1.57 | 1.57 | 244.31 |
| Sep-21 | -- | 1.33 | 1.33 | 245.64 |
| Oct-21 | -- | 1.44 | 1.44 | 247.08 |
| Dec-21 | -- | 1.34 | 1.34 | 248.43 |
| Jan-22 | -- | 1.74 | 1.74 | 250.16 |
| Feb-22 | -- | 1.84 | 1.84 | 252.00 |
| Mar-22 | -- | 1.08 | 1.08 | 253.08 |
| May-22 | -- | 2.05 | 2.05 | 255.13 |
| Jun-22 | -- | 1.41 | 1.41 | 256.54 |
| Jul-22 | -- | 1.42 | 1.42 | 257.96 |
| Aug-22 | -- | 1.29 | 1.29 | 259.26 |
| Sep-22 | -- | 1.34 | 1.34 | 260.59 |
| Oct-22 | -- | 1.34 | 1.34 | 261.94 |
| Nov-22 | -- | 1.37 | 1.37 | 263.31 |
| Dec-22 | -- | 1.58 | 1.58 | 264.89 |
| Feb-23 | -- | 1.45 | 1.45 | 266.35 |
| Feb-23 | -- | 1.47 | 1.47 | 267.81 |
| Mar-23 | -- | 1.76 | 1.76 | 269.57 |
| Apr-23 | -- | 1.44 | 1.44 | 271.01 |
| May-23 | -- | 1.56 | 1.56 | 272.57 |
| Jun-23 | -- | 1.26 | 1.26 | 273.82 |
| Jul-23 | -- | 1.68 | 1.68 | 275.51 |
| Aug-23 | -- | 1.98 | 1.98 | 277.49 |
| Sep-23 | -- | 1.67 | 1.67 | 279.16 |
| Nov-23 | -- | 1.37 | 1.37 | 280.53 |
| Dec-23 | -- | 2.70 | 2.70 | 283.23 |
| Jan-24 | -- | 1.38 | 1.38 | 284.61 |
| Feb-24 | -- | 1.35 | 1.35 | 285.96 |
| Mar-24 | -- | 1.80 | 1.80 | 287.76 |
| Apr-24 | -- | 1.95 | 1.95 | 289.71 |
| May-24 | -- | 2.13 | 2.13 | 291.84 |
| Jun-24 | -- | 0.44 | 0.44 | 292.29 |
| Jul-24 | -- | 2.52 | 2.52 | 294.80 |
| Aug-24 | -- | 1.41 | 1.41 | 296.21 |
| Sep-24 | -- | 0.29 | 0.29 | 296.50 |
| Oct-24 | -- | 1.34 | 1.34 | 297.85 |
| Nov-24 | -- | 0.24 | 0.24 | 298.08 |
| Dec-24 | -- | 0.70 | 0.70 | 298.78 |
| Jan-25 | -- | 0.41 | 0.41 | 299.20 |
| Feb-25 | -- | 1.10 | 1.10 | 300.29 |

**TABLE 1**

**COLLEGE POINT 3 INTERIM REMEDIAL MEASURES**

**SUMMARY OF TOTAL PRODUCT RECOVERY**

| Date | Volume (Gallons) | | | |
|---|---|---|---|---|
| | Portable Pump | Absorbent Socks | Monthly Total | Cumulative Totals |
| Mar-25 | -- | 0.40 | 0.40 | 300.69 |
| Apr-25 | -- | 0.36 | 0.36 | 301.05 |
| May-25 | -- | 0.51 | 0.51 | 301.57 |
| Jun-25 | -- | 0.29 | 0.29 | 301.85 |
| **Totals** | **122.25** | **179.60** | **301.85** | **301.85** |

Note: Sock replacement and/or product removal only conducted for months shown.
Product recovery starting in July 2016 also includes water volume drawn up during pumping.

Table 2
May 2025 Groundwater Data Summary
College Pt 3 - NYSDEC Site No. 241122

| | | Location ID | DEC-21 | DEC-24 | DEC-25 | DEC-27 | DEC-30 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | DEC-21 | DEC-024 | DEC-25 | DEC-27 | DEC-030 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14DUP |
| | | Matrix | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG |
| | | Date Sampled | 5/28/2025 | 5/29/2025 | 5/30/2025 | 5/28/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 | 5/30/2025 | 5/29/2025 | 5/29/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | FD |
| Parameter | Units | AWQSGVs Class GA | | | | | | | | | | | | | |
| Volatile Organic Compounds (VOCs) | | | | | | | | | | | | | | | |
| 1,1,1-Trichloroethane | ug/l | 5 | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 5 | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 5 | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U |
| 1,1,2-Trichloroethane | ug/l | 1 | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U |
| 1,1-Dichloroethane | ug/l | 5 | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U |
| 1,1-Dichloroethylene | ug/l | 5 | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U | < 0.21 U |
| 1,2,3-Trichloropropane | ug/l | 0.04 | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U |
| 1,2,4-Trichlorobenzene | ug/l | 5 | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U |
| 1,2,4-Trimethylbenzene | ug/l | 5 | 0.56 J | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | 1.9 | 1.4 | < 0.15 U | < 0.15 U | 1.5 | < 0.15 U | < 0.15 U | < 0.15 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 0.04 | < 0.62 U | < 0.62 U | < 0.62 U | < 0.62 UJ | < 0.62 UJ | < 0.62 UJ | < 0.62 U | < 0.62 U | < 0.62 U | < 0.62 U | < 0.62 UJ | < 0.62 U | < 0.62 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.0006 | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U |
| 1,2-Dichlorobenzene | ug/l | 3 | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | 0.38 J | 1.1 | < 0.13 U | < 0.13 U | < 0.13 U | 1.8 | < 0.13 U | 0.26 J |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 0.6 | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U | < 0.28 U |
| 1,2-Dichloropropane | ug/l | 1 | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U | < 0.2 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 5 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| 1,3-Dichlorobenzene | ug/l | 3 | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | 0.37 J | < 0.14 U | < 0.14 U |
| 1,4-Dichlorobenzene | ug/l | 3 | < 0.14 U | < 0.14 U | 0.20 J | < 0.14 U | < 0.14 U | 0.28 J | 0.63 J | < 0.14 U | 1.4 | < 0.14 U | 1.0 | < 0.14 U | < 0.14 U |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 50 | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U |
| Acetone | ug/l | 50 | < 1.9 U | 4.8 J | 3.3 J | 2.2 J | 93 | 2.4 J | 6.1 J | 4.3 J | 4.7 J | 10 J | 3.3 J | 7.6 J | 5.9 J |
| Benzene | ug/l | 1 | 0.32 J | 0.28 J | < 0.19 U | < 0.19 U | < 0.19 U | 2.1 | 14 | < 0.19 U | < 0.19 U | 33 | < 0.19 U | < 0.19 U | < 0.19 U |
| Bromochloromethane | ug/l | 5 | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U | < 0.34 U |
| Bromodichloromethane | ug/l | 50 | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U |
| Bromoform | ug/l | 50 | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U | < 0.32 U |
| Bromomethane | ug/l | 5 | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U | < 0.91 U |
| Carbon disulfide | ug/l | 60 | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.6 U |
| Carbon tetrachloride | ug/l | 5 | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U | < 0.18 U |
| Chlorobenzene | ug/l | 5 | 1.2 | < 0.12 U | 0.69 J | 0.30 J | < 0.12 U | 3.7 | 5.0 | < 0.12 U | 2.6 | 1.4 | 15 | 1.5 | 1.4 |
| Chloroethane | ug/l | 5 | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U | < 0.43 U |
| Chloroform | ug/l | 7 | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | 5.1 | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U |
| Chloromethane (Methyl chloride) | ug/l | 5 | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U | < 0.39 U |
| cis-1,2-Dichloroethylene | ug/l | 5 | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | 0.31 J | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U |
| cis-1,3-Dichloropropene | ug/l | 0.4 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| CYCLOHEXANE | ug/l | | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U |
| Dibromochloromethane | ug/l | 50 | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U |
| Dichlorodifluoromethane | ug/l | 5 | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U | < 0.23 U |
| Ethylbenzene | ug/l | 5 | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | 3.3 | < 0.11 U | < 0.11 U | < 0.11 U | 1.1 | < 0.11 U | < 0.11 U | < 0.11 U |
| Isopropylbenzene (Cumene) | ug/l | 5 | 0.30 J | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | 1.2 | 6.2 | < 0.16 U | < 0.16 U | 2.2 | < 0.16 U | < 0.16 U | < 0.16 U |
| m,p-Xylenes | ug/l | 5 | 0.53 J | < 0.3 U | < 0.3 U | < 0.3 U | < 0.3 U | 0.74 J | 0.35 J | < 0.3 U | < 0.3 U | 0.53 J | < 0.3 U | < 0.3 U | < 0.3 U |
| METHYL ACETATE | ug/l | | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U | < 0.4 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 50 | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U | 1.9 J | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U | < 1.5 U |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U | < 1.2 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 10 | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U |
| METHYLCYCLOHEXANE | ug/l | | 2.0 | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | 0.85 J | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | 2.0 J | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U | < 0.17 U |
| Naphthalene | ug/l | 10 | < 0.21 U | < 0.21 U | 0.62 J | < 0.21 U | < 0.21 U | 19 J | 0.22 J | < 0.21 U | 1.0 J | 20 | < 0.21 U | < 0.21 U | < 0.21 U |
| n-Butylbenzene | ug/l | 5 | 0.17 J | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | 0.91 J | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U |
| n-Propylbenzene | ug/l | 5 | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | 0.28 J | 0.62 J | < 0.11 U | < 0.11 U | 0.59 J | < 0.11 U | < 0.11 U | < 0.11 U |
| o-Xylene (1,2-Xylene) | ug/l | 5 | 0.21 J | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | 2.3 | 0.29 J | < 0.16 U | < 0.16 U | 1.4 | < 0.16 U | < 0.16 U | < 0.16 U |
| p-Isopropyltoluene (Cymene) | ug/l | 5 | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U |
| sec-Butylbenzene | ug/l | 5 | 0.21 J | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | < 0.14 U | 1.3 | < 0.14 U | < 0.14 U | 0.29 J | 0.37 J | 0.15 J | < 0.14 U |
| Styrene | ug/l | 5 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| tert-Butylbenzene | ug/l | 5 | 0.14 J | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | 0.24 J | < 0.13 U | < 0.13 U | 0.52 J | 0.23 J | < 0.13 U | < 0.13 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 5 | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U | < 0.15 U |
| Toluene | ug/l | 5 | 0.12 J | < 0.11 U | 1.0 | < 0.11 U | 0.42 J | 0.14 J | 0.81 J | < 0.11 U | 1.3 | < 0.11 U | 0.14 J | < 0.11 U | < 0.11 U |
| trans-1,2-Dichloroethylene | ug/l | 5 | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U | < 0.19 U |
| trans-1,3-Dichloropropene | ug/l | 0.4 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| Trichloroethylene (TCE) | ug/l | 5 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | 0.22 J | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| Trichlorofluoromethane | ug/l | 5 | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U | < 0.16 U |
| Vinyl chloride | ug/l | 2 | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U | < 0.22 U |
| Xylenes | ug/l | 5 | < 1 U | < 1 U | < 1 U | < 1 U | < 1 U | 2.3 | < 1 U | < 1 U | < 1 U | 1.4 | < 1 U | < 1 U | < 1 U |

Table 2
May 2025 Groundwater Data Summary
College Pt 3 - NYSDEC Site No. 241122

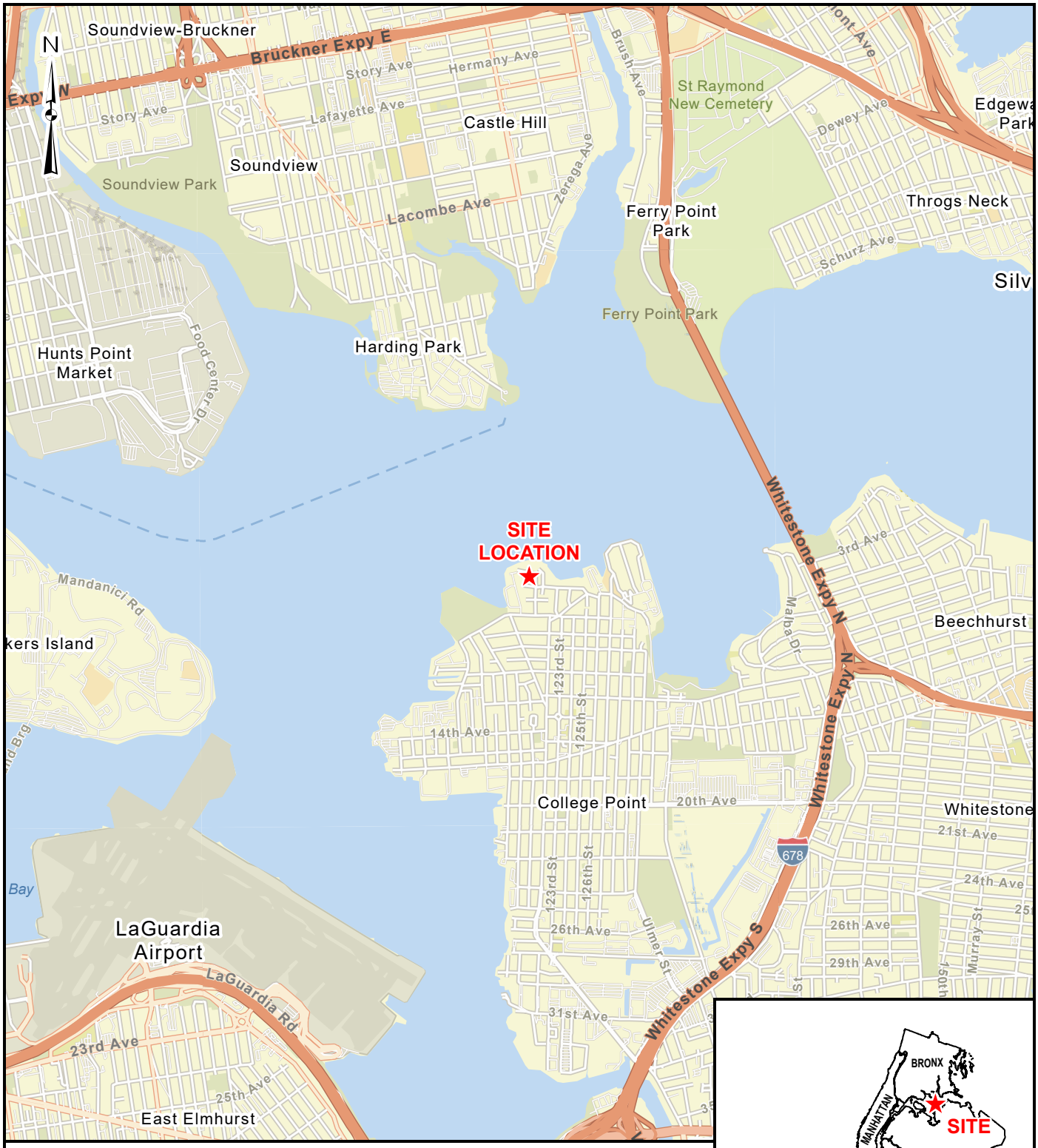
| | | Location ID | DEC-21 | DEC-24 | DEC-25 | DEC-27 | DEC-30 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Sample ID | DEC-21 | DEC-024 | DEC-25 | DEC-27 | DEC-030 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14DUP |
| | | Matrix | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG |
| | | Date Sampled | 5/28/2025 | 5/29/2025 | 5/30/2025 | 5/28/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 | 5/30/2025 | 5/29/2025 | 5/29/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | FD |
| Parameter | Units | AWQSGVs Class GA | | | | | | | | | | | | | |
| Semi-volatile Organic Compounds | | | | | | | | | | | | | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 5 | < 1.2 U | < 1.1 U | < 1.1 U | < 1.1 U | < 1 U | < 1 UJ | < 1.1 U | < 1.1 U | < 1 U | < 1.1 U | < 1.1 U | < 1.2 U | < 1.2 U |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 5 | < 1.2 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.1 UJ | < 1.2 UJ | < 1.2 UJ |
| 1-METHYLNAPHTHALENE | ug/l | | < 1.1 U | < 1 UJ | < 1 UJ | < 1 U | < 0.98 U | 3.4 J | 2.0 J | < 1.1 UJ | < 0.99 UJ | 8.0 | < 1 U | < 1.1 U | < 1.1 U |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | | < 5.5 U | < 5.3 U | < 5 U | < 5.1 U | < 4.9 U | < 5 U | < 5.3 U | < 5.4 U | < 5 U | < 5.2 U | < 5.2 U | < 5.5 U | < 5.5 U |
| 2,4,5-Trichlorophenol | ug/l | 1 | < 0.91 U | < 0.88 U | < 0.83 U | < 0.85 U | < 0.82 U | < 0.83 U | < 0.87 U | < 0.89 U | < 0.83 U | < 0.87 U | < 0.87 U | < 0.92 U | < 0.91 U |
| 2,4,6-Trichlorophenol | ug/l | 1 | < 0.69 U | < 0.66 U | < 0.63 U | < 0.64 U | < 0.62 U | < 0.62 U | < 0.66 U | < 0.67 U | < 0.62 U | < 0.65 U | < 0.65 U | < 0.69 U | < 0.69 U |
| 2,4-Dichlorophenol | ug/l | 1 | < 2.6 U | < 2.5 U | < 2.3 U | < 2.4 U | < 2.3 U | < 2.3 U | < 2.5 U | < 2.5 U | < 2.3 U | < 2.4 U | < 2.4 U | < 2.6 U | < 2.6 U |
| 2,4-Dimethylphenol | ug/l | 1 | < 0.78 U | < 0.75 U | < 0.71 U | < 0.73 U | < 0.7 U | < 0.71 U | < 0.75 U | < 0.76 U | < 0.71 U | < 0.74 U | < 0.74 U | < 0.78 U | < 0.78 U |
| 2,4-Dinitrophenol | ug/l | 1 | < 3.7 U | < 3.6 UJ | < 3.4 UJ | < 3.5 U | < 3.3 U | < 3.4 UJ | < 3.6 U | < 3.6 UJ | < 3.4 UJ | < 3.5 U | < 3.5 U | < 3.7 U | < 3.7 U |
| 2,4-Dinitrotoluene | ug/l | 5 | < 2.1 U | < 2 U | < 1.9 U | < 2 U | < 1.9 U | < 1.9 U | < 2 U | < 2.1 U | < 1.9 U | < 2 U | < 2 U | < 2.1 U | < 2.1 U |
| 2,6-Dinitrotoluene | ug/l | 5 | < 2.1 U | < 2 U | < 1.9 U | < 1.9 U | < 1.9 U | < 1.9 U | < 2 U | < 2 U | < 1.9 U | < 2 U | < 2 U | < 2.1 U | < 2.1 U |
| 2-Chloronaphthalene | ug/l | 10 | < 0.87 UJ | < 0.83 U | < 0.79 U | < 0.81 UJ | < 0.78 UJ | < 0.78 UJ | < 0.83 UJ | < 0.85 U | < 0.79 U | < 0.83 UJ | < 0.82 UJ | < 0.87 UJ | < 0.87 UJ |
| 2-Chlorophenol | ug/l | 1 | < 0.91 U | < 0.87 U | < 0.83 U | < 0.85 U | < 0.82 U | < 0.82 U | < 0.87 U | < 0.89 U | < 0.83 U | < 0.87 U | < 0.86 U | < 0.91 U | < 0.91 U |
| 2-Methylnaphthalene | ug/l | | < 1 UJ | < 0.98 UJ | < 0.94 UJ | < 0.96 UJ | < 0.92 UJ | < 0.93 UJ | < 0.98 UJ | < 1 UJ | < 0.93 UJ | < 0.98 UJ | < 0.97 UJ | < 1 UJ | < 1 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | | < 0.83 U | < 0.8 U | < 0.76 U | < 0.78 U | < 0.74 U | < 0.75 U | < 0.79 U | < 0.81 U | < 0.75 U | < 0.79 U | < 0.79 U | < 0.83 U | < 0.83 U |
| 2-Nitroaniline | ug/l | 5 | < 3.7 U | < 3.6 U | < 3.4 U | < 3.5 U | < 3.3 U | < 3.3 U | < 3.5 U | < 3.6 U | < 3.4 U | < 3.5 U | < 3.5 U | < 3.7 U | < 3.7 U |
| 2-Nitrophenol | ug/l | 1 | < 3.2 U | < 3.1 U | < 2.9 U | < 3 U | < 2.9 U | < 2.9 U | < 3.1 U | < 3.1 U | < 2.9 U | < 3.1 U | < 3.1 U | < 3.2 U | < 3.2 U |
| 3,3'-Dichlorobenzidine | ug/l | 5 | < 4 U | < 3.8 U | < 3.6 U | < 3.7 U | < 3.6 U | < 3.6 U | < 3.8 U | < 3.9 U | < 3.6 U | < 3.8 U | < 3.8 U | < 4 U | < 4 U |
| 3-Nitroaniline | ug/l | 5 | < 2.9 U | < 2.8 U | < 2.7 U | < 2.7 U | < 2.6 U | < 2.6 U | < 2.8 U | < 2.8 U | < 2.6 U | < 2.8 U | < 2.8 U | < 2.9 U | < 2.9 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 1 | < 3 U | < 2.9 U | < 2.8 U | < 2.8 U | < 2.7 U | < 2.7 U | < 2.9 U | < 2.9 U | < 2.7 U | < 2.9 U | < 2.9 U | < 3 U | < 3 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | | < 0.84 U | < 0.8 U | < 0.77 U | < 0.78 U | < 0.75 U | < 0.76 U | < 0.8 U | < 0.82 U | < 0.76 U | < 0.8 U | < 0.8 U | < 0.84 U | < 0.84 U |
| 4-Chloro-3-methylphenol | ug/l | 1 | < 2.8 U | < 2.7 U | < 2.6 U | < 2.6 U | < 2.5 U | < 2.5 U | < 2.7 U | < 2.7 U | < 2.6 U | < 2.7 U | < 2.7 U | < 2.8 U | < 2.8 U |
| 4-Chloroaniline | ug/l | 5 | < 4.7 U | < 4.5 U | < 4.3 U | < 4.4 U | < 4.3 U | < 4.3 U | < 4.5 U | < 4.6 U | < 4.3 U | < 4.5 U | < 4.5 U | < 4.8 U | < 4.7 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | | < 0.96 U | < 0.92 U | < 0.88 U | < 0.9 U | < 0.86 U | < 0.87 U | < 0.92 U | < 0.94 U | < 0.87 U | < 0.92 U | < 0.91 U | < 0.97 U | < 0.96 U |
| 4-Nitroaniline | ug/l | 5 | < 2.7 U | < 2.6 U | < 2.5 U | < 2.5 U | < 2.4 U | < 2.4 U | < 2.6 U | < 2.6 U | < 2.4 U | < 2.6 U | < 2.6 U | < 2.7 U | < 2.7 U |
| 4-Nitrophenol | ug/l | 1 | < 1.4 U | < 1.4 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.4 U | < 1.4 U | < 1.3 U | < 1.3 U | < 1.3 U | < 1.4 U | < 1.4 U |
| Acenaphthene | ug/l | 20 | 4.2 J | < 0.95 U | 4.6 J | 1.4 J | < 0.89 U | 5.9 | 14 | < 0.97 U | < 0.9 U | 5.1 J | 4.0 J | 2.3 J | 2.2 J |
| Acenaphthylene | ug/l | | < 0.84 U | < 0.81 U | < 0.77 U | < 0.79 U | < 0.75 U | < 0.76 U | < 0.8 U | < 0.82 U | < 0.76 U | < 0.8 U | < 0.8 U | < 0.84 U | < 0.84 U |
| ACETOPHENONE | ug/l | | < 0.82 U | < 0.79 U | < 0.75 U | < 0.77 U | < 0.74 U | < 0.74 U | < 0.79 U | < 0.8 U | < 0.75 U | < 0.78 U | < 0.78 U | < 0.83 U | < 0.83 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 5 | < 14 U | < 14 U | < 13 U | < 14 U | < 13 U | < 13 U | < 14 U | < 14 U | < 13 U | < 14 U | < 14 U | < 15 U | < 14 U |
| Anthracene | ug/l | 50 | < 0.74 U | < 0.71 U | < 0.67 U | < 0.69 U | < 0.66 U | < 0.67 U | 0.91 J | < 0.72 U | < 0.67 U | < 0.7 U | < 0.7 U | < 0.74 U | < 0.74 U |
| Atrazine | ug/l | 7.5 | < 3.2 U | < 3 U | < 2.9 U | < 3 U | < 2.9 U | < 2.9 U | < 3 U | < 3.1 U | < 2.9 U | < 3 U | < 3 U | < 3.2 U | < 3.2 U |
| Benz(a)anthracene | ug/l | 0.002 | < 0.69 U | < 0.66 U | < 0.63 U | < 0.65 U | < 0.62 U | < 0.62 U | < 0.66 U | < 0.67 U | < 0.63 U | < 0.66 U | < 0.65 U | < 0.69 U | < 0.69 U |
| BENZALDEHYDE | ug/l | | < 4.9 U | < 4.7 U | < 4.5 U | < 4.6 U | < 4.4 U | < 4.4 U | < 4.7 U | < 4.8 U | < 4.4 U | < 4.6 U | < 4.6 U | < 4.9 U | < 4.9 U |
| Benzo(a)pyrene | ug/l | ND | 0.89 J | < 0.79 U | < 0.76 U | < 0.77 U | < 0.74 U | < 0.75 U | < 0.79 U | < 0.81 U | < 0.75 U | < 0.79 U | < 0.79 U | < 0.83 U | < 0.83 U |
| Benzo(b)fluoranthene | ug/l | 0.002 | 0.76 J | < 0.67 U | < 0.64 U | < 0.65 U | < 0.63 U | < 0.63 U | < 0.67 U | < 0.68 U | < 0.63 U | < 0.66 U | < 0.66 U | < 0.7 U | < 0.7 U |
| Benzo(g,h,i)perylene | ug/l | | < 0.97 U | < 0.93 U | < 0.88 U | < 0.9 U | < 0.87 U | < 0.87 U | < 0.92 U | < 0.94 U | < 0.87 U | < 0.92 U | < 0.92 U | < 0.97 U | < 0.97 U |
| Benzo(k)fluoranthene | ug/l | 0.002 | < 0.76 U | < 0.73 U | < 0.7 U | < 0.71 U | < 0.68 U | < 0.69 U | < 0.73 U | < 0.74 U | < 0.69 U | < 0.72 U | < 0.72 U | < 0.76 U | < 0.76 U |
| Benzyl butyl phthalate | ug/l | 50 | < 0.91 U | < 0.87 U | < 0.83 U | < 0.85 U | < 0.81 U | < 0.82 U | < 0.87 U | < 0.88 U | < 0.82 U | < 0.86 U | < 0.86 U | < 0.91 U | < 0.91 U |
| Bis(2-chloroethoxy)methane | ug/l | 5 | < 0.84 U | < 0.81 U | < 0.77 U | < 0.79 U | < 0.75 U | < 0.76 U | < 0.8 U | < 0.82 U | < 0.76 U | < 0.8 U | < 0.8 U | < 0.84 U | < 0.84 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 1 | < 0.96 U | < 0.92 U | < 0.88 U | < 0.9 U | < 0.86 U | < 0.87 U | < 0.92 U | < 0.94 U | < 0.87 U | < 0.91 U | < 0.91 U | < 0.96 U | < 0.96 U |
| Bis(2-chloroisopropyl)ether | ug/l | 5 | < 0.74 U | < 0.71 U | < 0.68 U | < 0.69 U | < 0.67 U | < 0.67 U | < 0.71 U | < 0.72 U | < 0.67 U | < 0.71 U | < 0.7 U | < 0.74 U | < 0.74 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 5 | < 2.5 U | < 2.4 U | < 2.3 U | < 2.3 U | < 2.2 U | < 2.2 U | < 2.4 U | < 2.4 U | < 2.2 U | < 2.3 U | < 2.3 U | < 2.5 U | < 2.5 U |
| CAPROLACTAM | ug/l | | < 5.2 UJ | < 4.9 UJ | < 4.7 UJ | < 4.8 UJ | < 4.6 UJ | < 4.7 UJ | < 4.9 UJ | < 5 UJ | < 4.7 UJ | < 4.9 UJ | < 4.9 UJ | 5.2 J | < 5.2 UJ |
| CARBAZOLE | ug/l | | < 0.77 U | < 0.74 U | < 0.71 U | < 0.72 U | < 0.7 U | < 0.7 U | < 0.74 U | < 0.75 U | < 0.7 U | < 0.74 U | < 0.73 U | < 0.78 U | < 0.78 U |
| Chrysene | ug/l | 0.002 | < 0.85 U | < 0.82 U | < 0.78 U | < 0.8 U | < 0.77 U | < 0.77 U | < 0.82 U | < 0.83 U | < 0.77 U | < 0.81 U | < 0.81 U | < 0.85 U | < 0.85 U |
| Dibenz(a,h)anthracene | ug/l | | < 0.93 U | < 0.89 U | < 0.85 U | < 0.87 U | < 0.84 U | < 0.84 U | < 0.89 U | < 0.91 U | < 0.84 U | < 0.89 U | < 0.88 U | < 0.93 U | < 0.93 U |
| Dibenzofuran | ug/l | | < 0.89 U | < 0.86 U | < 0.82 U | < 0.84 U | < 0.8 U | < 0.81 U | 1.1 J | < 0.87 U | < 0.81 U | < 0.85 U | < 0.85 U | < 0.9 U | < 0.9 U |
| Diethyl phthalate | ug/l | 50 | < 1.9 U | < 1.8 U | < 1.7 U | < 1.8 U | < 1.7 U | < 1.7 U | < 1.8 U | < 1.9 U | < 1.7 U | < 1.8 U | < 1.8 U | < 1.9 U | < 1.9 U |
| Dimethyl phthalate | ug/l | 50 | < 0.75 U | < 0.72 U | < 0.68 U | < 0.7 U | < 0.67 U | < 0.68 U | < 0.72 U | < 0.73 U | < 0.68 U | < 0.71 U | < 0.71 U | < 0.75 U | < 0.75 U |
| Di-n-butyl phthalate | ug/l | 50 | < 5.4 U | < 5.1 U | < 4.9 U | < 5 U | < 4.8 U | < 4.8 U | < 5.1 U | < 5.2 U | < 4.8 U | < 5.1 U | < 5.1 U | < 5.4 U | < 5.4 U |
| Di-n-octyl phthalate | ug/l | 50 | < 3.4 U | < 3.3 U | < 3.1 U | < 3.2 U | < 3.1 U | < 3.1 U | < 3.3 U | < 3.4 U | < 3.1 U | < 3.3 U | < 3.3 U | < 3.5 U | < 3.4 U |
| Fluoranthene | ug/l | 50 | < 0.9 U | < 0.86 U | < 0.82 U | < 0.84 U | < 0.81 U | < 0.81 U | < 0.86 U | < 0.87 U | < 0.81 U | < 0.85 U | < 0.85 U | < 0.9 U | < 0.9 U |
| Fluorene | ug/l | 50 | 1.3 J | < 0.78 U | < 0.75 U | < 0.76 U | < 0.73 U | 0.90 J | 2.3 J | < 0.8 U | < 0.74 U | < 0.78 U | < 0.77 U | 1.1 J | 1.0 J |
| Hexachlorobenzene | ug/l | 0.04 | < 0.86 U | < 0.83 U | < 0.79 U | < 0.81 U | < 0.77 U | < 0.78 U | < 0.82 U | < 0.84 U | < 0.78 U | < 0.82 U | < 0.82 U | < 0.86 U | < 0.86 U |
| Hexachlorobutadiene | ug/l | 0.5 | < 5.4 UJ | < 5.2 UJ | < 4.9 UJ | < 5 UJ | < 4.8 UJ | < 4.9 UJ | < 5.2 UJ | < 5.2 UJ | < 4.9 UJ | < 5.1 UJ | < 5.1 UJ | < 5.4 UJ | < 5.4 UJ |
| Hexachlorocyclopentadiene | ug/l | 5 | < 5.1 UJ | < 4.9 UJ | < 4.6 UJ | < 4.7 UJ | < 4.5 UJ | < 4.6 UJ | < 4.8 UJ | < 4.9 UJ | < 4.6 UJ | < 4.8 UJ | < 4.8 UJ | < 5.1 UJ | < 5.1 UJ |
| Hexachloroethane | ug/l | 5 | < 5.5 UJ | < 5.3 UJ | < 5 UJ | < 5.1 UJ | < 4.9 UJ | < 5 UJ | < 5.3 UJ | < 5.4 UJ | < 5 UJ | < 5.2 UJ | < 5.2 UJ | < 5.5 UJ | < 5.5 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 0.002 | < 0.94 U | < 0.9 U | < 0.85 U | < 0.87 U | < 0.84 U | < 0.84 U | < 0.9 U | < 0.91 U | < 0.85 U | < 0.89 U | < 0.89 U | < 0.94 U | < 0.94 U |
| Isophorone | ug/l | | < 0.99 U | < 0.95 U | < 0.91 U | < 0.93 U | < 0.89 U | < 0.9 U | < 0.95 U | < 0.97 U | < 0.9 U | < 0.95 U | < 0.94 U | < 1 U | < 1 U |
| Methylphenols (Cresols) (total) | ug/l | | < 2.4 U | < 2.3 U | < 2.2 U | < 2.3 U | < 2.2 U | < 2.2 U | < 2.3 U | < 2.4 U | < 2.2 U | < 2.3 U | < 2.3 U | < 2.4 U | < 2.4 U |
| Naphthalene | ug/l | 10 | < 1.1 U | < 1 UJ | < 0.97 UJ | < 1 U | < 0.96 U | 1.7 J | < 1 U | < 1 UJ | < 0.96 UJ | 13 | < 1 U | < 1.1 U | < 1.1 U |
| Nitrobenzene | ug/l | 0.4 | < 1.1 U | < 1 U | < 0.97 U | < 1 U | < 0.96 U | < 0.96 U | < 1 U | < 1 U | < 0.97 U | < 1 U | < 1 U | < 1.1 U | < 1.1 U |
| N-NITROSODI-N-PROPYLAMINE | ug/l | | < 2.6 U | < 2.5 U | < 2.4 U | < 2.5 U | < 2.4 U | < 2.4 U | < 2.5 U | < 2.6 U | < 2.4 U | < 2.5 U | < 2.5 U | < 2.6 U | < 2.6 U |
| N-Nitrosodiphenylamine | ug/l | 50 | < 0.65 U | < 0.63 U | < 0.6 U | < 0.61 U | < 0.59 U | < 0.59 U | 0.85 J | < 0.64 U | < 0.59 U | < 0.62 U | < 0.62 U | < 0.66 U | < 0.66 U |
| Pentachlorophenol | ug/l | 1 | < 3.9 U | < 3.8 U | < 3.6 U | < 3.7 U | < 3.5 U | < 3.5 U | < 3.8 U | < 3.8 U | < 3.6 U | < 3.7 U | < 3.7 U | < 3.9 U | < 3.9 U |
| Phenanthrene | ug/l | 50 | < 0.8 U | < 0.77 U | < 0.73 U | < 0.75 U | < 0.72 U | < 0.72 U | < 0.77 U | < 0.78 U | < 0.72 U | < 0.76 U | < 0.76 U | < 0.8 U | < 0.8 U |
| Phenol | ug/l | 1 | < 1.7 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.5 U | < 1.5 U | < 1.6 U | < 1.7 U | < 1.6 U | < 1.6 U | < 1.6 U | < 1.7 U | < 1.7 U |
| Pyrene | ug/l | 50 | 1.2 J | < 0.68 U | < 0.65 U | < 0.66 U | < 0.64 U | < 0.64 U | < 0.68 U | < 0.69 U | < 0.64 U | 0.82 J | < 0.67 U | < 0.71 U | < 0.71 U |
| Pyridine | ug/l | 50 | < 8.2 U | < 7.9 U | < 7.5 U | < 7.7 U | < 7.4 U | < 7.4 U | < 7.9 U | < 8 U | < 7.5 U | < 7.8 U | < 7.8 U | < 8.3 U | < 8.2 U |

Table 2
May 2025 Groundwater Data Summary
College Pt 3 - NYSDEC Site No. 241122

| | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Location ID | DEC-21 | DEC-24 | DEC-25 | DEC-27 | DEC-30 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14 |
| | | Sample ID | DEC-21 | DEC-024 | DEC-25 | DEC-27 | DEC-030 | DEC-34 | DEC-38 | DEC-42 | DEC-47 | DEC-54 | MW-05 | MW-14 | MW-14DUP |
| | | Matrix | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG | WG |
| | | Date Sampled | 5/28/2025 | 5/29/2025 | 5/30/2025 | 5/28/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 | 5/30/2025 | 5/29/2025 | 5/29/2025 | 5/28/2025 | 5/29/2025 | 5/29/2025 |
| | | Sample Type | N | N | N | N | N | N | N | N | N | N | N | N | FD |
| Parameter | Units | AWQSGVs Class GA | | | | | | | | | | | | | |
| Polychlorinated Biphenyls (PCBs) | | | | | | | | | | | | | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | | < 0.089 U | < 0.088 U | < 0.09 U | < 0.089 U | < 0.091 U | < 0.087 U | < 0.091 U | < 0.091 U | < 0.094 U | < 0.092 U | < 0.09 U | < 0.089 U | < 0.096 U |
| PCB-1016 (Aroclor 1016) | ug/l | | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.14 U | < 0.13 U | < 0.13 U | < 0.13 U | < 0.14 U |
| PCB-1221 (Aroclor 1221) | ug/l | | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.13 U | < 0.12 U | < 0.12 U | < 0.12 U | < 0.13 U |
| PCB-1232 (Aroclor 1232) | ug/l | | < 0.087 U | < 0.087 U | < 0.088 U | < 0.087 U | < 0.089 U | < 0.086 U | < 0.089 U | < 0.089 U | < 0.092 U | < 0.09 U | < 0.089 U | < 0.087 U | < 0.094 U |
| PCB-1242 (Aroclor 1242) | ug/l | | < 0.1 U | < 0.1 U | < 0.11 U | < 0.1 U | < 0.11 U | < 0.1 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | < 0.11 U | 0.43 | 0.17 J |
| PCB-1248 (Aroclor 1248) | ug/l | | < 0.094 U | < 0.093 U | < 0.095 U | < 0.094 U | 2.2 | < 0.092 U | < 0.096 U | < 0.096 U | < 0.1 U | < 0.097 U | < 0.096 U | < 0.094 U | < 0.1 U |
| PCB-1254 (Aroclor 1254) | ug/l | | < 0.1 U | 0.11 J | < 0.1 U | < 0.1 U | 0.69 | < 0.1 U | < 0.1 U | < 0.1 U | < 0.11 U | < 0.11 U | < 0.1 U | < 0.1 U | < 0.11 U |
| PCB-1260 (Aroclor 1260) | ug/l | | < 0.11 U | 0.17 J | < 0.11 U | < 0.11 U | 0.18 J | < 0.11 U | < 0.12 U | < 0.12 U | < 0.11 U | < 0.12 U | < 0.11 U | < 0.11 U | < 0.12 U |
| PCB-1268 (Aroclor 1268) | ug/l | | < 0.097 U | < 0.096 U | < 0.098 U | < 0.097 U | < 0.099 U | < 0.095 U | < 0.099 U | < 0.099 U | < 0.1 U | < 0.1 U | < 0.098 U | < 0.097 U | < 0.1 U |
| Total PCBs | ug/l | 0.09 | < 0.13 U | 0.28 | < 0.13 U | < 0.13 U | 3.1 | < 0.13 U | < 0.13 U | < 0.13 U | < 0.14 U | < 0.13 U | < 0.13 U | 0.43 | 0.17 |

Notes
J - quantity is estimated
U - compound was not detected above the compounds Method Detection Limit (MDL)
ND - The AWQSGV is any detection above the MDL.
Numbers in bold represent a detected concentration
Numbers highlighted in yellow exceed New York State Ambient Water Quality Standards and Guidance Values (AWQSGV Class GA)

# FIGURES




File Path: L:\DCS\Projects\11174984.00000\DB\GIS\2025 GW Report\2025 GW Report.aprx Date: 08/21/25 Layout: 01 SITE LOCATION

AECOM

COLLEGE POINT 3
SITE LOCATION

FIGURE 1




Source:
ESRI World Imagery

80 0 80 Feet

COLLEGE POINT 3
SITE PLAN

AECOM

FIGURE 2

L:\DCS\Projects\11174984.00000\DB\GIS\2024 GW Report\02 SITE PLAN.mxd 7/12/2024




**Legend**

Groundwater Contour

DEC-47, (2.99), (0.00)

Location ID | Groundwater Elevation | LNAPL Thickness (feet)

**Acronym:**
NM - Not Measured

**Source:**
ESRI World Imagery

80 0 80 Feet

COLLEGE POINT 3
GROUNDWATER ELEVATION
AND PRODUCT THICKNESS
(MAY 27, 2025)

AECOM

FIGURE 3

File Path: L:\DCS\Projects\111749\84.00000\DB\GIS\2025 GW Report\2025 GW Report.aprx Date: 08/21/25 Layout: 03 GW CONTOURS (MAY 2025)




## Legend

- Compound Exceeds Criteria
- No Compound Exceeds Criteria

Location ID | Criteria (TOGS) | Sample Date

DEC-34 | CRIT | 05/25

VOCs:
Benzene | 1 | 2.1

Parameter | Concentration (µg/L)

**Acronyms:**
VOCs - Volatile Organic Compounds
SVOCs - Semi-Volatile Organic Compounds
PCBs - Polychlorinated Biphenyls

**Notes:**
1. TOGS 1.1.1 Class GA exceedances displayed
2. All concentrations are shown in µg/L

**Source:**
ESRI World Imagery

80 0 80 Feet

# COLLEGE POINT 3 GROUNDWATER ANALYTICAL EXCEEDANCES (MAY 2025)

AECOM

FIGURE 4

File Path: L:\DCS\Projects\11174984.00000\DB\GIS\2025 GW Report\2025 GW Report.aprx Date: 08/25/25 Layout: 04 GW ANALYTICAL (MAY 2025)

# APPENDIX A

# ENVIRONMENTAL EASEMENTS

## ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

**THIS INDENTURE** made this 10th day of August, 2021, between Owner(s) Powell Cove Estates Home Owners Association, Inc., having an office at 123-09 Lax Avenue, College Point, New York 11356 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS,** the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS,** Grantor, is the owner of the real property and manager of the common elements for that condominium located at the address of N/A Powells Cove Boulevard in the City of New York, County of Queens and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 3916 Lot 108, being a portion of the property conveyed to Grantor by deed dated December 17, 2009 and recorded in the City Register of the City of New York as CRFN # 2010000096019. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.198 +/- acres, and is hereinafter more fully described in the Land Title Survey dated October 23, 2017 prepared by Richard C. Baron, L.L.S. of Naik Consulting Group, P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS,** the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation

established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining

contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential or Restricted Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i) and (ii), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation**

pursuant to Title 36 of Article 71 of the Environmental Conservation Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 241122
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

**IN WITNESS WHEREOF,** Grantor has caused this instrument to be signed in its name.

Powell Cove Estates Home Owners Association, Inc.:

By: _____

Print Name: Winnie Zhuang

Title: president Date: 7/28/2021

**Grantor's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF Queens )

On the 28th day of July, in the year 2021, before me, the undersigned, personally appeared Winnie Zhuang, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

MENG MENG
Notary Public, State of New York
Reg. No. 01ME6341358
Qualified in Queens County
My Commission Expires 05/02/2024

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF ALBANY )

On the 10th day of August, in the year 2021, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2024

## SCHEDULE "A" PROPERTY DESCRIPTION

## ENVIRONMENTAL EASEMENT DESCRIPTION

PART OF LOT 108 IN BLOCK 3916

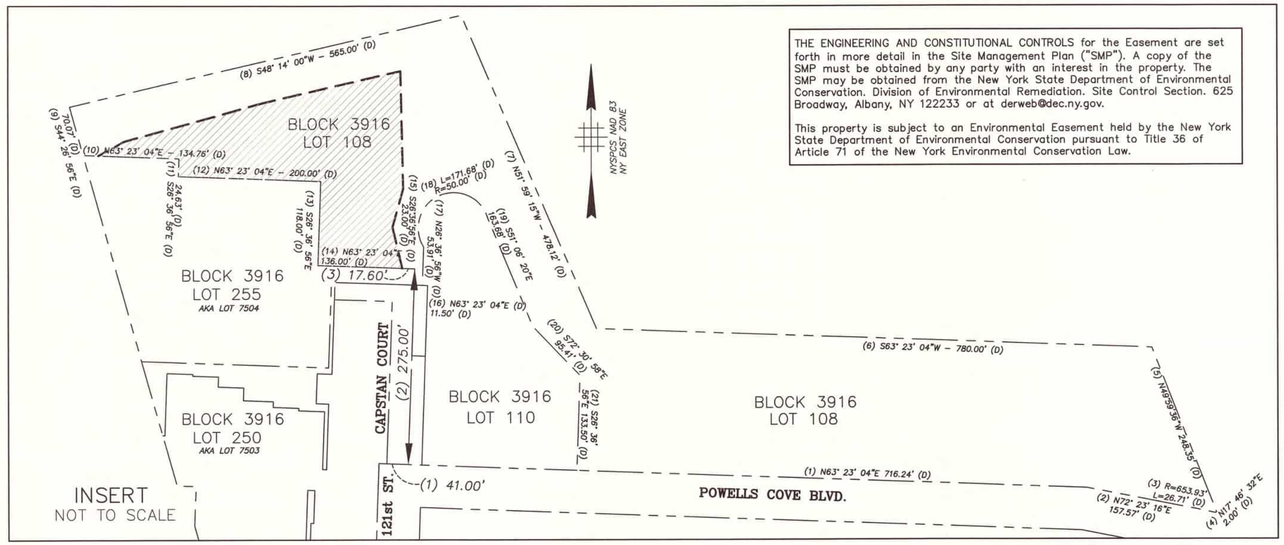
All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point located the following (3) courses and distances from the corner formed by the intersection of the westerly side of 121st Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide) as said streets are laid down on the Final Map of the Borough of Queens, City of New York: (1) easterly along the northerly side of Powells Cove Boulevard, 41.00 feet; (2) northerly at right angles to the northerly side of Powells Cove Boulevard 275.00 feet; (3) westerly at right angles to the previous course, 17.60 feet.

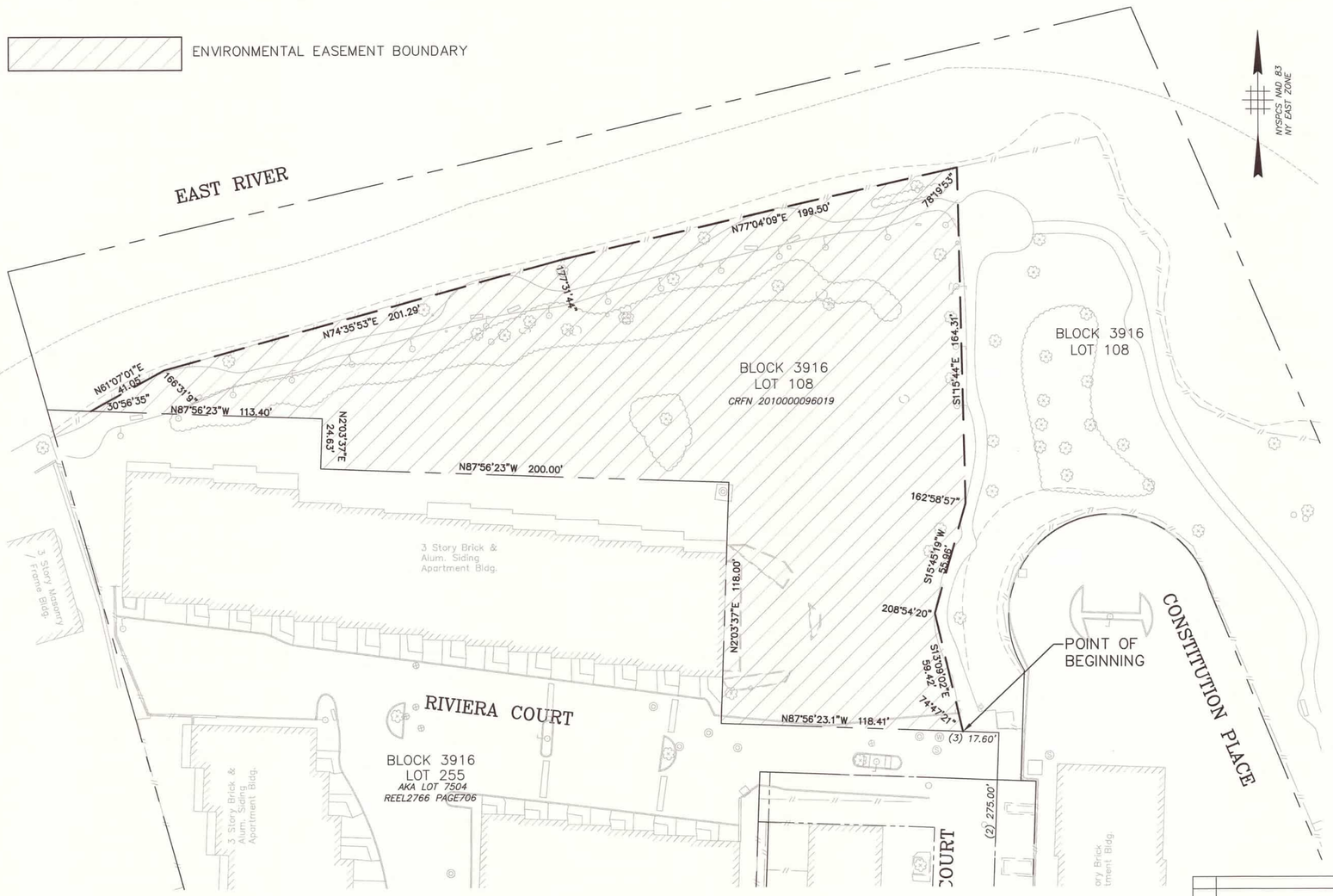
Running thence from this point of beginning, westerly along a line parallel with the northerly side of Powells Cove Boulevard, 118.41 feet; thence northerly at right angle to the previous course, 118.00 feet; thence westerly at right angle to the previous course, 200.00 feet; thence northerly at right angle to the previous course, 24.63 feet; thence westerly at right angle to the previous course, 113.40 feet; thence along a line forming an interior angle of 30°-56'-35" with the previous course, 41.05 feet; thence along a line forming an interior angle of 166°-31'-09" with the previous course, 201.29 feet; thence along a line forming an interior angle of 177°-31'-44" with the previous course, 199.50 feet; thence along a line forming an interior angle of 78°-19'-53" with the previous course, 164.31 feet; thence along a line forming an interior angle of 162°-58'-57" with the previous course, 55.96 feet; thence along a line forming an interior angle of 208°-54'-20" with the previous course, 59.42 feet to the point or place of BEGINNING.

The above described easement has an area of 52,198 square feet or 1.198 acres more or less.

SAID LAND being part of the land known and designated on the Tax Map of the City of New York, County of Queens as Block 3916, Lot 108.




ENVIRONMENTAL EASEMENT BOUNDARY




## LEGEND:

- MANHOLE
- GAS VALVE
- FENCE
- HYDRANT
- SIGN
- TREE
- MH SANITARY
- MH WATER
- LIGHT POLE
- WATER VALVE (WV)
- EDGE OF BUILDING
- DEPRESSED CURB
- PROPERTY LINE
- ENVIRONMENTAL EASEMENT LINE




VICINITY MAP

## NOTES:

1. FIELD SURVEYS PERFORMED ON MARCH 29–30 & APRIL 26, 2007.
2. ADDITIONAL SURVEY WAS DONE ON MARCH 19, 23, APRIL 1, JUNE 16, AUG. 10, 2010, APRIL 21, 25, 26, MAY 31, 2011, JAN. 18, MARCH 02, MAY 09, 2012, SEPT. 05, 06, 07, 2012 (SITE UNDER CONSTRUCTION) AND JUNE 02, 2016 (SURVEYED ADDITIONAL WELLS).
3. HORIZONTAL DATUM IS NORTH AMERICAN DATUM 1983 (NAD83).
4. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
5. APPROXIMATE LOCATION OF FOUNDATION UNDER CONSTRUCTION DRAWN BASED ON THE SITE DRAINAGE PLAN NO. WS-107.00 PREPARED BY MIELE ASSOCIATES, LLP FOR AVR-POWELL C. DEVELOPMENT CORP. ON 2/28/2011.
6. HORIZONTAL AND VERTICAL CONTROL ARE ESTABLISHED FROM NGS MONUMENTS:
7. ALL ANGLES ARE 90 DEGREES EXCEPT WHERE OTHERWISE INDICATED.

NYSPCS NAD83 – NEW YORK EAST ZONE #3101

| NGS MONUMENT | NORTHING | EASTING | NAVD 88 ELEVATION (FT) | NGS ADJUSTMENT DATE |
|---|---|---|---|---|
| NYNR | 725171.0430 | 642081.5331 | 93.97 | JUNE 2013 |
| NYJM | 667108.6508 | 684347.0723 | 63.22 | FEBRUARY 2017 |
| NYQN | 687950.8396 | 705528.3691 | 102.31 | MARCH 2017 |

## ENVIRONMENTAL EASEMENT DESCRIPTION

PART OF LOT 108 IN BLOCK 3916

All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point located the following (3) courses and distances from the corner formed by the intersection of the westerly side of 121st Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide) as said streets are laid down on the Final Map of the Borough of Queens, City of New York: (1) easterly along the northerly side of Powells Cove Boulevard, 41.00 feet; (2) northerly at right angles to the northerly side of Powells Cove Boulevard 275.00 feet; (3) westerly at right angles to the previous course, 17.60 feet.

Running thence from this point of beginning, westerly along a line parallel with the northerly side of Powells Cove Boulevard, 118.41 feet; thence northerly at right angle to the previous course, 118.00 feet; thence westerly at right angle to the previous course, 200.00 feet; thence northerly at right angle to the previous course, 24.63 feet; thence westerly at right angle to the previous course, 113.40 feet; thence along a line forming an interior angle of 30°–56'–35" with the previous course, 41.05 feet; thence along a line forming an interior angle of 166°–31'–09" with the previous course, 201.29 feet; thence along a line forming an interior angle of 177°–31'–44" with the previous course, 199.50 feet; thence along a line forming an interior angle of 78°–19'–53" with the previous course, 164.31 feet; thence along a line forming an interior angle of 162°–58'–57" with the previous course, 55.96 feet; thence along a line forming an interior angle of 208°–54'–20" with the previous course, 59.42 feet to the point or place of BEGINNING.

The above described easement has an area of 52,198 square feet or 1.198 acres more or less.

SAID LAND being part of the land known and designated on the Tax Map of the City of New York, County of Queens as Block 3916, Lot 108.

GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.
1 inch = 9.144 m

*COLLEGE POINT 3 SITE*

*COLLEGE POINT QUEENS COUNTY* *CITY OF NEW YORK*

*DEPARTMENT OF ENVIRONMENTAL CONSERVATION EASEMENT BLOCK 3916 LOT 108*

| Scale | Drawn | Chk'd | Date | Project No. | Drawing No. |
|---|---|---|---|---|---|
| 1" = 30' | VMM | FA | 09-08-17 | 207013 | 1 OF 1 |

| NO. | REVISION DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |

STATE OF NEW YORK · RICHARD CARL BARON · 050551 · LICENSED LAND SURVEYOR

Naik GROUP
Naik Consulting Group, P.C.
200 Metroplex Drive, Suite 403, Edison, N.J. 08817
Tel: 732.777.0030 Fax: 732.777.0040

Richard C. Baron DATE 10-23-17

RICHARD C. BARON
N.Y. PROFESSIONAL LAND SURVEYOR LICENSE NO. 050551-1

## ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

**THIS INDENTURE** made this 27th day of July, 2021, between Owner(s) Riverview at College Point Condominiums III, having a mailing address at P.O. Box 564041, College Point, New York 11356 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS,** the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS,** Grantor, is the owner of the real property and manager of the common elements for that condominium located at the address of 3-16 121st Street in the City of New York, County of Queens and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 3916 Lots 1072 through 1117. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.597 +/- acres, and is hereinafter more fully described in the Land Title Survey dated October 23, 2017 prepared by Richard C. Baron, L.L.S. of Naik Consulting Group, P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS**, the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation**

## Law.

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by

Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 241122
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of

this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

**IN WITNESS WHEREOF,** Grantor has caused this instrument to be signed in its name.

Riverview at College Point Condominiums III:

By: _____

Print Name: Natividad Diaz

Title: President Date: 06/25/2021

**Grantor's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF Queens )

On the 25th day of June, in the year 2021, before me, the undersigned, personally appeared Natividad Diaz, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

_____
Notary Public - State of New York

Grace H. Nam

No. 02NA6333704

My commission expires 11/30/2023

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF ALBANY )

On the 27th day of July, in the year 2021 before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2021

## SCHEDULE "A" PROPERTY DESCRIPTION

### ENVIRONMENTAL EASEMENT DESCRIPTION

PART OF Block 3916 Lots 1072 through 1117.

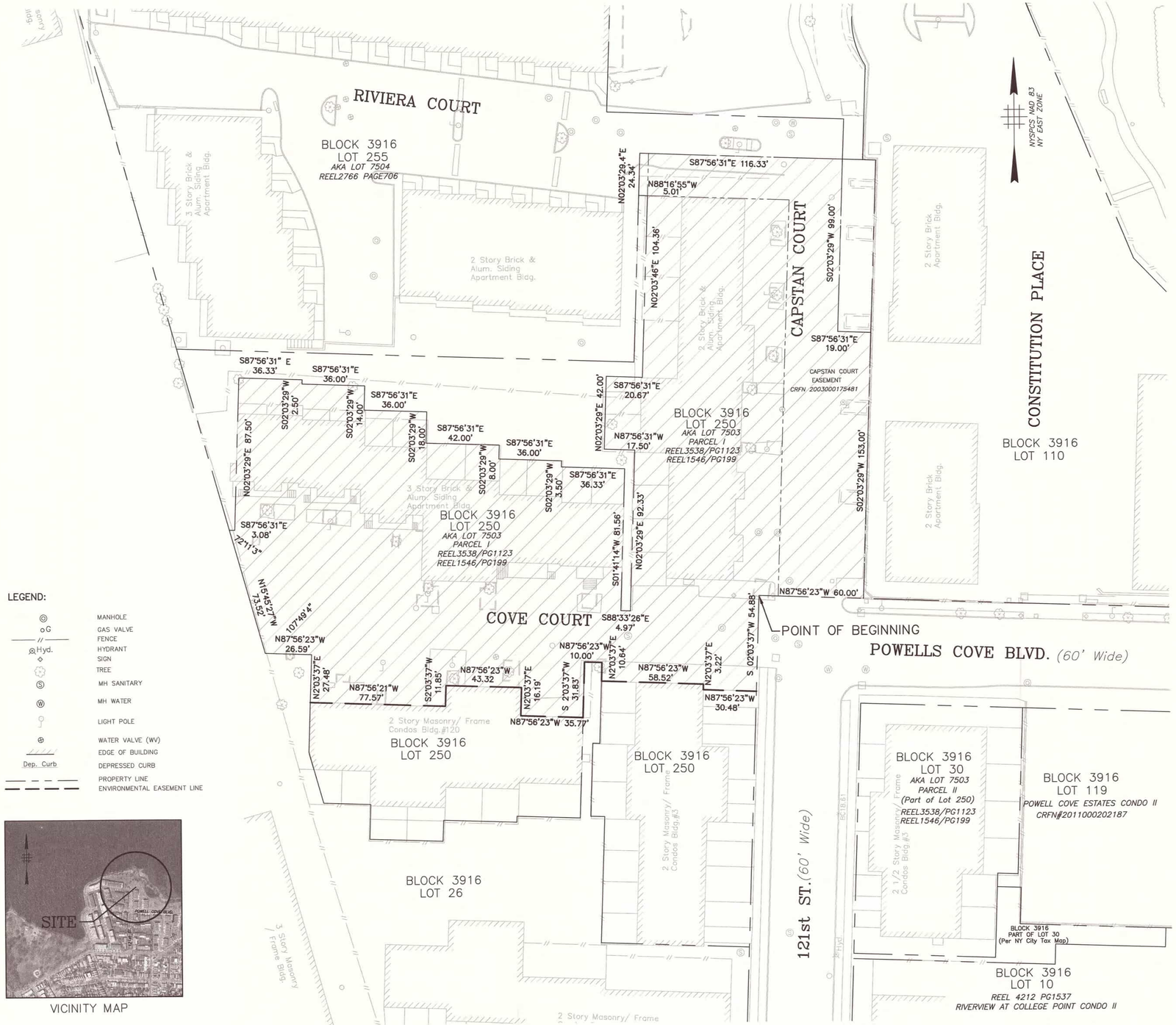
All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point formed by the intersection of the westerly side of 121st Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide), as said streets are laid down on the Final Map of the Borough of Queens, City of New York.

Running thence from said beginning point, southerly along the westerly side of 121st Street, 54.88 feet; thence westerly, at right angle to the preceding course, 30.48 feet; thence northerly at right angle to the preceding course, 3.22 feet, thence westerly, at right angle to the preceding course, 58.52 feet; thence northerly, at right angle to the preceding course, 10.64 feet; thence westerly, at right angle to the preceding course, 10.00 feet; thence southerly, at right angle to the preceding course, 31.83 feet; thence westerly, at right angle to the preceding course, 35.77 feet; thence northerly, at right angle to the preceding course, 16.19 feet; thence westerly, at right angle to the preceding course, 43.32 feet; thence southerly, at right angle to the preceding course, 11.85 feet; thence westerly, at right angle to the preceding course, 77.57 feet; thence northerly, at right angle to the preceding course, 27.48 feet; thence westerly, at right angle to the preceding course, 26.59 feet; thence northwesterly along a line forming an Interior angle of 107 degrees 49 minutes 04 seconds with the preceding course, 73.52 feet; thence easterly, along a line forming an interior angle of 72 degrees 11 minutes 03 seconds with the preceding course, 3.08 feet; thence northeasterly, at right angle to the preceding course, 87.50 feet; thence easterly, at right angle to the preceding course, 36.33 feet; thence southerly, at right angle to the preceding course, 2.50 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 14.00 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 18.00 feet; thence easterly, at right angle to the preceding course 42.00 feet; thence southerly, at right angle to the preceding course, 8.00 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 3.50 feet; thence easterly, at right angle to the preceding course 36.33 feet; thence southerly, at right angle to the preceding course, 81.56 feet; thence easterly, at right angle to the preceding course 4.97 feet; thence northerly, at right angle to the preceding course, 92.33 feet; thence westerly, at right angle to the preceding course 17.50 feet; thence northerly, at right angle to the preceding course, 42.00 feet; thence easterly, at right angle to the preceding course 20.67 feet; thence northerly, at right angle to the preceding course, 104.36 feet; thence westerly, at right angle to the preceding course 5.01 feet; thence northerly, at right angle to the preceding course, 24.34 feet; thence easterly, at right angle to the preceding course 116.33 feet; thence southerly, at right angle to the preceding course, 99.00 feet; thence easterly, at right angle to the preceding course 19.00 feet; thence southerly, at right angle to the preceding course, 153.00 feet; thence westerly, at right angle to the preceding course 60.00 feet to the point or place of BEGINNING.

The above described easement has an area of 69,562 square feet or 1.597 acres more or less.

SAID LAND being part of the land known and designated on the Tax Map of the City of New York, County of Queens as Block 3916 Lots 1072 through 1117..




LEGEND:

- MANHOLE
- GAS VALVE
- FENCE
- HYDRANT
- SIGN
- TREE
- MH SANITARY
- MH WATER
- LIGHT POLE
- WATER VALVE (WV)
- EDGE OF BUILDING
- Dep. Curb — DEPRESSED CURB
- PROPERTY LINE
- ENVIRONMENTAL EASEMENT LINE

VICINITY MAP

THE ENGINEERING AND CONSTITUTIONAL CONTROLS for the Easement are set forth in more detail in the Site Management Plan ("SMP"). A copy of the SMP must be obtained by any party with an interest in the property. The SMP may be obtained from the New York State Department of Environmental Conservation. Division of Environmental Remediation. Site Control Section. 625 Broadway, Albany, NY 122233 or at derweb@dec.ny.gov.

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law.

ENVIRONMENTAL EASEMENT BOUNDARY

NOTES:

1. FIELD SURVEYS PERFORMED ON MARCH 29–30 & APRIL 26, 2007.
2. ADDITIONAL SURVEY WAS DONE ON MARCH 19, 23, APRIL 1, JUNE 16, AUG. 10, 2010, APRIL 21, 25, 26, MAY 31, 2011, JAN. 18, MARCH 02, MAY 09, 2012, SEPT. 05, 06, 07, 2012 (SITE UNDER CONSTRUCTION) AND JUNE 02, 2016 (SURVEYED ADDITIONAL WELLS).
3. HORIZONTAL DATUM IS NORTH AMERICAN DATUM 1983 (NAD83).
4. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
5. APPROXIMATE LOCATION OF FOUNDATION UNDER CONSTRUCTION DRAWN BASED ON THE SITE DRAINAGE PLAN NO. WS–107.00 PREPARED BY MIELE ASSOCIATES, LLP FOR AVR–POWELL C. DEVELOPMENT CORP. ON 2/28/2011.
6. HORIZONTAL AND VERTICAL CONTROL ARE ESTABLISHED FROM NGS MONUMENTS:
7. ALL ANGLES ARE 90 DEGREES EXCEPT WHERE OTHERWISE INDICATED.

NYSPCS NAD83 – NEW YORK EAST ZONE #3101

| NGS MONUMENT | NORTHING | EASTING | NAVD 88 ELEVATION (FT) | NGS ADJUSTMENT DATE |
|---|---|---|---|---|
| NYNR | 725171.0430 | 642081.5331 | 93.97 | JUNE 2013 |
| NYJM | 667108.6508 | 684347.0723 | 63.22 | FEBRUARY 2017 |
| NYQN | 687950.8396 | 705528.3691 | 102.31 | MARCH 2017 |

## ENVIRONMENTAL EASEMENT DESCRIPTION

PART OF LOT 250 IN BLOCK 3916

All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point formed by the intersection of the westerly side of 121st Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide), as said streets are laid down on the Final Map of the Borough of Queens, City of New York.

Running thence from said beginning point, southerly along the westerly side of 121st Street, 54.88 feet; thence westerly, at right angle to the preceding course, 30.48 feet; thence northerly at right angle to the preceding course, 3.22 feet, thence westerly, at right angle to the preceding course, 58.52 feet; thence northerly, at right angle to the preceding course, 10.64 feet; thence westerly, at right angle to the preceding course, 10.00 feet; thence southerly, at right angle to the preceding course, 31.83 feet; thence westerly, at right angle to the preceding course, 35.77 feet; thence northerly, at right angle to the preceding course, 16.19 feet; thence westerly, at right angle to the preceding course, 43.32 feet; thence southerly, at right angle to the preceding course, 11.85 feet; thence westerly, at right angle to the preceding course, 77.57 feet; thence northerly, at right angle to the preceding course, 27.48 feet; thence westerly, at right angle to the preceding course, 26.59 feet; thence northwesterly along a line forming an Interior angle of 107 degrees 49 minutes 04 seconds with the preceding course, 73.52 feet; thence easterly, along a line forming an interior angle of 72 degrees 11 minutes 03 seconds with the preceding course, 3.08 feet; thence northeasterly, at right angle to the preceding course, 87.50 feet; thence easterly, at right angle to the preceding course, 36.33 feet; thence southerly, at right angle to the preceding course, 2.50 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 14.00 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 18.00 feet; thence easterly, at right angle to the preceding course 42.00 feet; thence southerly, at right angle to the preceding course, 8.00 feet; thence easterly, at right angle to the preceding course 36.00 feet; thence southerly, at right angle to the preceding course, 3.50 feet; thence easterly, at right angle to the preceding course 36.33 feet; thence southerly, at right angle to the preceding course, 81.56 feet; thence easterly, at right angle to the preceding course 4.97 feet; thence northerly, at right angle to the preceding course, 92.33 feet; thence westerly, at right angle to the preceding course 17.50 feet; thence northerly, at right angle to the preceding course, 42.00 feet; thence easterly, at right angle to the preceding course 20.67 feet; thence northerly, at right angle to the preceding course, 104.36 feet; thence westerly, at right angle to the preceding course 5.01 feet; thence northerly, at right angle to the preceding course, 24.34 feet; thence easterly, at right angle to the preceding course 116.33 feet; thence southerly, at right angle to the preceding course, 99.00 feet; thence easterly, at right angle to the preceding course 19.00 feet; thence southerly, at right angle to the preceding course, 153.00 feet; thence westerly, at right angle to the preceding course 60.00 feet to the point or place of BEGINNING.

The above described easement has an area of 69,562 square feet or 1.597 acres more or less.

SAID LAND being part of the land known and designated on the Tax Map of the City of New York, County of Queens as Block 3916, Lot 250.

GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.
1 inch = 9.144 m

| NO. | REVISION DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |

*COLLEGE POINT 3 SITE*

*COLLEGE POINT QUEENS COUNTY* — *CITY OF NEW YORK*

*DEPARTMENT OF ENVIRONMENTAL CONSERVATION EASEMENT BLOCK 3916 LOT 250*

| Scale | Drawn | Chk'd | Date | Project No. | Drawing No. |
|---|---|---|---|---|---|
| 1" = 30' | VMM | FA | 09–08–17 | 207013 | 1 OF 1 |

STATE OF NEW YORK · RICHARD CARL BARON · 050551 · LICENSED LAND SURVEYOR


Naik GROUP
Naik Consulting Group, P.C.
200 Metroplex Drive, Suite 403, Edison, N.J. 08817
Tel: 732.777.0030 Fax: 732.777.0040


Richard C. Baron DATE 10-23-17

RICHARD C. BARON
N.Y. PROFESSIONAL LAND SURVEYOR LICENSE NO. 050551–1

## ENVIRONMENTAL EASEMENT GRANTED PURSUANT TO ARTICLE 71, TITLE 36 OF THE NEW YORK STATE ENVIRONMENTAL CONSERVATION LAW

**THIS INDENTURE** made this 27th day of July, 2021, between Owner(s) Villa At The Riverview Condominiums, having a mailing address at 211-08 35th Avenue, Bayside, New York 11361 (the "Grantor"), and The People of the State of New York (the "Grantee."), acting through their Commissioner of the Department of Environmental Conservation (the "Commissioner", or "NYSDEC" or "Department" as the context requires) with its headquarters located at 625 Broadway, Albany, New York 12233,

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to encourage the remediation of abandoned and likely contaminated properties ("sites") that threaten the health and vitality of the communities they burden while at the same time ensuring the protection of public health and the environment; and

**WHEREAS,** the Legislature of the State of New York has declared that it is in the public interest to establish within the Department a statutory environmental remediation program that includes the use of Environmental Easements as an enforceable means of ensuring the performance of operation, maintenance, and/or monitoring requirements and the restriction of future uses of the land, when an environmental remediation project leaves residual contamination at levels that have been determined to be safe for a specific use, but not all uses, or which includes engineered structures that must be maintained or protected against damage to perform properly and be effective, or which requires groundwater use or soil management restrictions; and

**WHEREAS,** the Legislature of the State of New York has declared that Environmental Easement shall mean an interest in real property, created under and subject to the provisions of Article 71, Title 36 of the New York State Environmental Conservation Law ("ECL") which contains a use restriction and/or a prohibition on the use of land in a manner inconsistent with engineering controls which are intended to ensure the long term effectiveness of a site remedial program or eliminate potential exposure pathways to hazardous waste or petroleum; and

**WHEREAS,** Grantor, is the owner of the real property and manager of the common elements for that condominium located at the address of 120-12 Riviera Court in the City of New York, County of Queens and State of New York, known and designated on the tax map of the New York City Department of Finance as tax map parcel number: Block 3916 Lots 1301 through 1352. The property subject to this Environmental Easement (the "Controlled Property") comprises approximately 1.907 +/- acres, and is hereinafter more fully described in the Land Title Survey dated October 23, 2017 prepared by Richard C. Baron, L.L.S. of Naik Consulting Group, P.C., which will be attached to the Site Management Plan. The Controlled Property description is set forth in and attached hereto as Schedule A; and

**WHEREAS,** the Department accepts this Environmental Easement in order to ensure the protection of public health and the environment and to achieve the requirements for remediation established for the Controlled Property until such time as this Environmental Easement is extinguished pursuant to ECL Article 71, Title 36; and

**NOW THEREFORE**, in consideration of the mutual covenants contained herein, Grantor conveys to Grantee a permanent Environmental Easement pursuant to ECL Article 71, Title 36 in, on, over, under, and upon the Controlled Property as more fully described herein ("Environmental Easement").

1. Purposes. Grantor and Grantee acknowledge that the Purposes of this Environmental Easement are: to convey to Grantee real property rights and interests that will run with the land in perpetuity in order to provide an effective and enforceable means of encouraging the reuse and redevelopment of this Controlled Property at a level that has been determined to be safe for a specific use while ensuring the performance of operation, maintenance, and/or monitoring requirements; and to ensure the restriction of future uses of the land that are inconsistent with the above-stated purpose.

2. Institutional and Engineering Controls. The controls and requirements listed in the Department approved Site Management Plan ("SMP") including any and all Department approved amendments to the SMP are incorporated into and made part of this Environmental Easement. These controls and requirements apply to the use of the Controlled Property, run with the land, are binding on the Grantor and the Grantor's successors and assigns, and are enforceable in law or equity against any owner of the Controlled Property, any lessees and any person using the Controlled Property.

A. (1) The Controlled Property may be used for:

**Restricted Residential as described in 6 NYCRR Part 375-1.8(g)(2)(ii), Commercial as described in 6 NYCRR Part 375-1.8(g)(2)(iii) and Industrial as described in 6 NYCRR Part 375-1.8(g)(2)(iv)**

(2) All Engineering Controls must be operated and maintained as specified in the Site Management Plan (SMP);

(3) All Engineering Controls must be inspected at a frequency and in a manner defined in the SMP;

(4) The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the New York City Department of Health and Mental Hygiene to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;

(5) Groundwater and other environmental or public health monitoring must be performed as defined in the SMP;

(6) Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP;

(7) All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with the SMP;

(8) Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;

(9) Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical components of the remedy shall be performed as defined in the SMP;

(10) Access to the site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by this Environmental Easement.

B. The Controlled Property shall not be used for Residential purposes as defined in 6NYCRR 375-1.8(g)(2)(i), and the above-stated engineering controls may not be discontinued without an amendment or extinguishment of this Environmental Easement.

C. The SMP describes obligations that the Grantor assumes on behalf of Grantor, its successors and assigns. The Grantor's assumption of the obligations contained in the SMP which may include sampling, monitoring, and/or operating a treatment system, and providing certified reports to the NYSDEC, is and remains a fundamental element of the Department's determination that the Controlled Property is safe for a specific use, but not all uses. The SMP may be modified in accordance with the Department's statutory and regulatory authority. The Grantor and all successors and assigns, assume the burden of complying with the SMP and obtaining an up-to-date version of the SMP from:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, New York 12233
Phone: (518) 402-9553

D. Grantor must provide all persons who acquire any interest in the Controlled Property a true and complete copy of the SMP that the Department approves for the Controlled Property and all Department-approved amendments to that SMP.

E. Grantor covenants and agrees that until such time as the Environmental Easement is extinguished in accordance with the requirements of ECL Article 71, Title 36 of the ECL, the property deed and all subsequent instruments of conveyance relating to the Controlled Property shall state in at least fifteen-point bold-faced type:

**This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the Environmental Conservation Law.**

F. Grantor covenants and agrees that this Environmental Easement shall be incorporated in full or by reference in any leases, licenses, or other instruments granting a right to use the Controlled Property.

G. Grantor covenants and agrees that it shall, at such time as NYSDEC may require, submit to NYSDEC a written statement by an expert the NYSDEC may find acceptable certifying under penalty of perjury, in such form and manner as the Department may require, that:

(1) the inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under the direction of the individual set forth at 6 NYCRR Part 375-1.8(h)(3).

(2) the institutional controls and/or engineering controls employed at such site:

(i) are in-place;

(ii) are unchanged from the previous certification, or that any identified changes to the controls employed were approved by the NYSDEC and that all controls are in the Department-approved format; and

(iii) that nothing has occurred that would impair the ability of such control to protect the public health and environment;

(3) the owner will continue to allow access to such real property to evaluate the continued maintenance of such controls;

(4) nothing has occurred that would constitute a violation or failure to comply with any site management plan for such controls;

(5) the report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

(6) to the best of his/her knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and

(7) the information presented is accurate and complete.

3. Right to Enter and Inspect. Grantee, its agents, employees, or other representatives of the State may enter and inspect the Controlled Property in a reasonable manner and at reasonable times to assure compliance with the above-stated restrictions.

4. Reserved Grantor's Rights. Grantor reserves for itself, its assigns, representatives, and successors in interest with respect to the Property, all rights as fee owner of the Property, including:

A. Use of the Controlled Property for all purposes not inconsistent with, or limited by the terms of this Environmental Easement;

B. The right to give, sell, assign, or otherwise transfer part or all of the underlying fee interest to the Controlled Property, subject and subordinate to this Environmental Easement;

5. Enforcement

A. This Environmental Easement is enforceable in law or equity in perpetuity by Grantor, Grantee, or any affected local government, as defined in ECL Section 71-3603, against the owner of the Property, any lessees, and any person using the land. Enforcement shall not be

defeated because of any subsequent adverse possession, laches, estoppel, or waiver. It is not a defense in any action to enforce this Environmental Easement that: it is not appurtenant to an interest in real property; it is not of a character that has been recognized traditionally at common law; it imposes a negative burden; it imposes affirmative obligations upon the owner of any interest in the burdened property; the benefit does not touch or concern real property; there is no privity of estate or of contract; or it imposes an unreasonable restraint on alienation.

B. If any person violates this Environmental Easement, the Grantee may revoke the Certificate of Completion with respect to the Controlled Property.

C. Grantee shall notify Grantor of a breach or suspected breach of any of the terms of this Environmental Easement. Such notice shall set forth how Grantor can cure such breach or suspected breach and give Grantor a reasonable amount of time from the date of receipt of notice in which to cure. At the expiration of such period of time to cure, or any extensions granted by Grantee, the Grantee shall notify Grantor of any failure to adequately cure the breach or suspected breach, and Grantee may take any other appropriate action reasonably necessary to remedy any breach of this Environmental Easement, including the commencement of any proceedings in accordance with applicable law.

D. The failure of Grantee to enforce any of the terms contained herein shall not be deemed a waiver of any such term nor bar any enforcement rights.

6. Notice. Whenever notice to the Grantee (other than the annual certification) or approval from the Grantee is required, the Party providing such notice or seeking such approval shall identify the Controlled Property by referencing the following information:

County, NYSDEC Site Number, NYSDEC Brownfield Cleanup Agreement, State Assistance Contract or Order Number, and the County tax map number or the Liber and Page or computerized system identification number.

Parties shall address correspondence to:

Site Number: 241122
Office of General Counsel
NYSDEC
625 Broadway
Albany New York 12233-5500

With a copy to:

Site Control Section
Division of Environmental Remediation
NYSDEC
625 Broadway
Albany, NY 12233

All notices and correspondence shall be delivered by hand, by registered mail or by Certified mail and return receipt requested. The Parties may provide for other means of receiving and communicating notices and responses to requests for approval.

7. Recordation. Grantor shall record this instrument, within thirty (30) days of execution of this instrument by the Commissioner or her/his authorized representative in the office of the recording officer for the county or counties where the Property is situated in the manner prescribed

by Article 9 of the Real Property Law.

8. Amendment. Any amendment to this Environmental Easement may only be executed by the Commissioner of the New York State Department of Environmental Conservation or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

9. Extinguishment. This Environmental Easement may be extinguished only by a release by the Commissioner of the New York State Department of Environmental Conservation, or the Commissioner's Designee, and filed with the office of the recording officer for the county or counties where the Property is situated in the manner prescribed by Article 9 of the Real Property Law.

10. Joint Obligation. If there are two or more parties identified as Grantor herein, the obligations imposed by this instrument upon them shall be joint and several.

11. Consistency with the SMP. To the extent there is any conflict or inconsistency between the terms of this Environmental Easement and the SMP, regarding matters specifically addressed by the SMP, the terms of the SMP will control.

**Remainder of Page Intentionally Left Blank**

**IN WITNESS WHEREOF,** Grantor has caused this instrument to be signed in its name.

Villas At The Riverview Condominiums:

By: Brian O. Freeman

Print Name: BRIAN O. FREEMAN

Title: PRESIDENT Date: 6/21/2021

**Grantor's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF )

On the 21 day of June, in the year 2021, before me, the undersigned, personally appeared Brian Freeman, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their capacity(ies), and that by his/her/their signature(s) on the instrument, the individual(s), or the person upon behalf of which the individual(s) acted, executed the instrument.

Notary Public - State of New York

Michael P. Jennings
Notary Public, State of New York
No. 01JE6027583
Qualified in Queens County
Commission Expires July 12, 2021

**THIS ENVIRONMENTAL EASEMENT IS HEREBY ACCEPTED BY THE PEOPLE OF THE STATE OF NEW YORK**, Acting By and Through the Department of Environmental Conservation as Designee of the Commissioner,

By: _____
Michael J. Ryan, Director
Division of Environmental Remediation

**Grantee's Acknowledgment**

STATE OF NEW YORK )
) ss:
COUNTY OF ALBANY )

On the 27th day of July, in the year 2021, before me, the undersigned, personally appeared Michael J. Ryan, personally known to me or proved to me on the basis of satisfactory evidence to be the individual(s) whose name is (are) subscribed to the within instrument and acknowledged to me that he/she/ executed the same in his/her/ capacity as Designee of the Commissioner of the State of New York Department of Environmental Conservation, and that by his/her/ signature on the instrument, the individual, or the person upon behalf of which the individual acted, executed the instrument.

_____
Notary Public - State of New York

David J. Chiusano
Notary Public, State of New York
No. 01CH5032146
Qualified in Schenectady County
Commission Expires August 22, 2024

## SCHEDULE "A" PROPERTY DESCRIPTION

## ENVIRONMENTAL EASEMENT DESCRIPTION

Block 3916 Lots 1301 through 1352

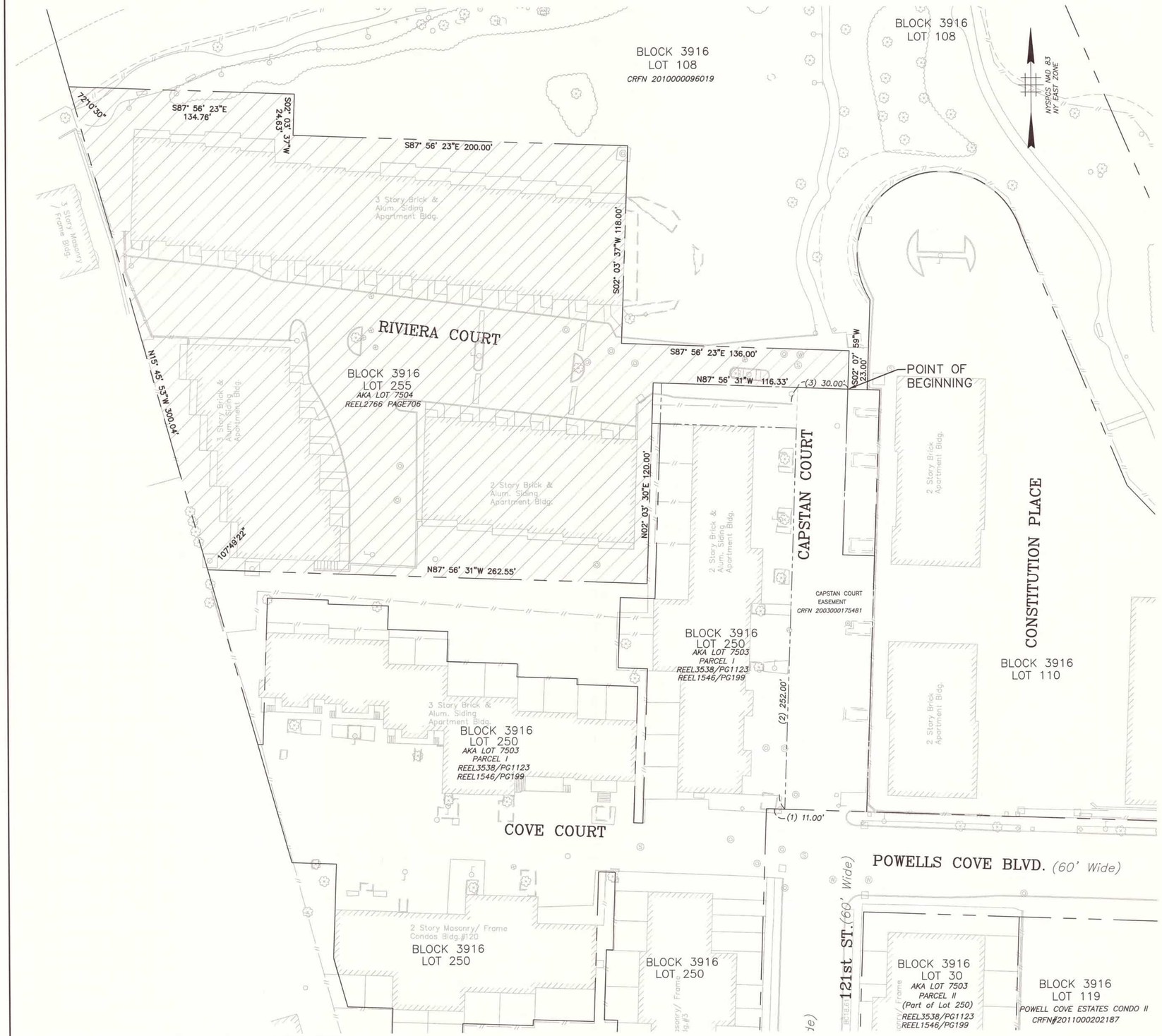
All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point located the following (3) courses and distances from the corner formed by the intersection of the westerly side of 12lst Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide) as said streets are laid down on the Final Map of the Borough of Queens, City of New York: (1) easterly along the northerly side of Powells Cove Boulevard, 11.00 feet; (2) northerly at right angles to the northerly side of Powells Cove Boulevard, 252.00 feet; (3) easterly at right angles to the previous course, 30.00 feet.

Running thence from this point of beginning, westerly along a line parallel with the northerly side of Powells Cove Boulevard, 116.33 feet; thence southerly at right angles to the previous course, 120.00 feet; thence westerly at right angles to the previous course, 262.55 feet; thence northerly along a line forming an interior angle of 107°-49'-22" with the previous course, 300.04 feet; thence easterly along a line forming an interior angle of 72°-10'-30" with the last mentioned course, 134.76 feet; thence southerly at right angles to the previous course, 24.63 feet; thence easterly at right angles to the previous course, 200.00 feet; thence southerly at right angles to the previous course, 118.00 feet; thence easterly at right angles to the previous course, 136.00 feet; thence southerly at right angles to the previous course, 23.00 feet to the point or place of BEGINNING.

The above described easement has an area of 83,072 square feet or 1.907 acres more or less.

Block 3916 Lots 1301 through 1352, Metes and Bounds and Environmental Easement Metes and Bounds are the same.




LEGEND:

- MANHOLE
- GAS VALVE
- FENCE
- HYDRANT
- SIGN
- TREE
- MH SANITARY
- MH WATER
- LIGHT POLE
- WATER VALVE (WV)
- EDGE OF BUILDING
- DEPRESSED CURB
- PROPERTY LINE
- ENVIRONMENTAL EASEMENT LINE




VICINITY MAP

NOTES:

1. FIELD SURVEYS PERFORMED ON MARCH 29–30 & APRIL 26, 2007.
2. ADDITIONAL SURVEY WAS DONE ON MARCH 19, 23, APRIL 1, JUNE 16, AUG. 10, 2010, APRIL 21, 25, 26, MAY 31, 2011, JAN. 18, MARCH 02, MAY 09, 2012, SEPT. 05, 06, 07, 2012 (SITE UNDER CONSTRUCTION) AND JUNE 02, 2016 (SURVEYED ADDITIONAL WELLS).
3. HORIZONTAL DATUM IS NORTH AMERICAN DATUM 1983 (NAD83).
4. VERTICAL DATUM IS NORTH AMERICAN VERTICAL DATUM 1988 (NAVD88).
5. APPROXIMATE LOCATION OF FOUNDATION UNDER CONSTRUCTION DRAWN BASED ON THE SITE DRAINAGE PLAN NO. WS–107.00 PREPARED BY MIELE ASSOCIATES, LLP FOR AVR–POWELL C. DEVELOPMENT CORP. ON 2/28/2011.
6. HORIZONTAL AND VERTICAL CONTROL ARE ESTABLISHED FROM NGS MONUMENTS:
7. ALL ANGLES ARE 90 DEGREES EXCEPT WHERE OTHERWISE INDICATED.

NYSPCS NAD83 – NEW YORK EAST ZONE #3101

| NGS MONUMENT | NORTHING | EASTING | NAVD 88 ELEVATION (FT) | NGS ADJUSTMENT DATE |
|---|---|---|---|---|
| NYNR | 725171.0430 | 642081.533 | 10.97 | JUNE 2013 |
| NYJM | 667108.6508 | 684347.075 | 13.22 | FEBRUARY 2017 |
| NYQN | 687950.8396 | 705528.369 | 02.31 | MARCH 2017 |

## ENVIRONMENTAL EASEMENT DESCRIPTION

LOT 255 IN BLOCK 3916

All that certain plot, piece or parcel of land, situated, lying, and being in the Borough and County of Queens, City and State of New York and more particularly bounded and described as follows:

BEGINNING at a point located the following (3) courses and distances from the corner formed by the intersection of the westerly side of 121st Street (60 feet wide) with the northerly side of Powells Cove Boulevard (60 feet wide) as said streets are laid down on the Final Map of the Borough of Queens, City of New York: (1) easterly along the northerly side of Powells Cove Boulevard, 11.00 feet; (2) northerly at right angles to the northerly side of Powells Cove Boulevard, 252.00 feet; (3) easterly at right angles to the previous course, 30.00 feet.

Running thence from this point of beginning, westerly along a line parallel with the northerly side of Powells Cove Boulevard, 116.33 feet; thence southerly at right angles to the previous course, 120.00 feet; thence westerly at right angles to the previous course, 262.55 feet; thence northerly along a line forming an interior angle of 107°–49'–22" with the previous course, 300.04 feet; thence easterly along a line forming an interior angle of 72°–10'–30" with the last mentioned course, 134.76 feet; thence southerly at right angles to the previous course, 24.63 feet; thence easterly at right angles to the previous course, 200.00 feet; thence southerly at right angles to the previous course, 118.00 feet; thence easterly at right angles to the previous course, 136.00 feet; thence southerly at right angles to the previous course, 23.00 feet to the point or place of BEGINNING.

The above described easement has an area of 83,072 square feet or 1.907 acres more or less.

Block 3916, Lot 255, Metes and Bounds and Environmental Easement Metes and Bounds are the same.

GRAPHIC SCALE

30 0 15 30 60 120

( IN FEET )
1 inch = 30 ft.
1 inch = 9.144 m

THE ENGINEERING AND CONSTITUTIONAL CONTROLS for the Easement are set forth in more detail in the Site Management Plan ("SMP"). A copy of the SMP must be obtained by any party with an interest in the property. The SMP may be obtained from the New York State Department of Environmental Conservation, Division of Environmental Remediation. Site Control Section. 625 Broadway, Albany, NY 122233 or at derweb@dec.ny.gov.

This property is subject to an Environmental Easement held by the New York State Department of Environmental Conservation pursuant to Title 36 of Article 71 of the New York Environmental Conservation Law.

| NO. | REVISION DESCRIPTION | BY | DATE |
|---|---|---|---|
| | | | |
| | | | |
| | | | |

STATE OF NEW YORK
RICHARD CARL BARON
050551
LICENSED LAND SURVEYOR

*COLLEGE POINT 3 SITE*

*COLLEGE POINT QUEENS COUNTY* *CITY OF NEW YORK*

*DEPARTMENT OF ENVIRONMENTAL CONSERVATION EASEMENT*
*BLOCK 3916 LOT 255*

| Scale | Drawn | Ck'd | Date | Project No. | Drawing No. |
|---|---|---|---|---|---|
| 1" = 30' | VMM | FA | 09–08–17 | 207013 | 1 OF 1 |

Naik GROUP
Naik Consulting Group, P.C.
200 Metroplex Drive, Suite 403, Edison, N.J. 08817
Tel: 732.777.0030 Fax: 732.777.0040

Richard C. Baron DATE 10-23-17
RICHARD C. BARON
N.Y. PROFESSIONAL LAND SURVEYOR LICENSE NO. 050551–1

# APPENDIX B

# DATA USABILITY SUMMARY REPORT AND PURGE LOGS

# DATA USABILITY SUMMARY REPORT

**GROUNDWATER SAMPLING**
**COLLEGE POINT SITE**
**QUEENS, NEW YORK**
**WORK ASSIGNMENT D009803-10**
**SITE #241122**

**Analyses Performed by:**
**CONTEST/PACE ANALYTICAL LABORATORY**
**EAST LONGMEADOW, MASSACHUSETTS**

**Prepared for:**
**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**
**DIVISION OF ENVIRONMENTAL REMEDIATION**

**Prepared by:**

**AECOM**
**50 LAKEFRONT BOULEVARD**
**SUITE 111**
**BUFFALO, NY 14202**

**JULY 2025**

## TABLE OF CONTENTS

Page No.

1.0 INTRODUCTION ..... 1

2.0 ANALYTICAL METHODOLOGIES/DATA VALIDATION PROCEDURES ..... 1

3.0 DATA DELIVERABLE COMPLETENESS ..... 2

4.0 SAMPLE RECEIPT/PRESERVATION/HOLDING TIMES ..... 2

5.0 NON-CONFORMANCES ..... 2

6.0 SAMPLE RESULTS AND REPORTING ..... 4

7.0 SUMMARY ..... 4

## TABLES
## (Following Text)

Table 1 Summary of Data Qualifications

Table 2 Validated Groundwater Sample Results

Table 3 Validated Field QC Sample Results

## ATTACHMENTS

Attachment A Validated Form I's

Attachment B Support Documentation

## 1.0 INTRODUCTION

This Data Usability Summary Report (DUSR) has been prepared following the guidelines provided in New York State Department of Environmental Conservation (NYSDEC) Division of Environmental Remediation *DER-10 Technical Guidance for Site Investigation and Remediation, Appendix 2B, Guidance for Data Deliverables and the Development of Data Usability Summary Reports,* May 2010. Discussed in this DUSR are analytical data for 13 groundwater samples, 1 matrix spike/matrix spike duplicate (MS/MSD) pair, 1 field duplicate (FD), and 2 trip blanks collected by AECOM personnel on May 27-30, 2025 at the College Point site (Site #241122), located in Queens, New York as part of work assignment D009803-10.

## 2.0 ANALYTICAL METHODOLOGIES/DATA VALIDATION PROCEDURES

The analytical laboratory that performed the analyses is Contest/Pace Analytical Laboratory located in East Longmeadow, MA. The samples were analyzed for the following parameters. Not all samples were analyzed for all parameters.

| Parameter | Method |
|---|---|
| Volatile Organic Compounds (VOCs) | SW8260D |
| Semivolatile Organic Compounds (SVOCs) | SW8270E |
| Polychlorinated Biphenyls (PCBs) | SW8082A |

A limited data validation was performed following the guidelines in the following USEPA Region II documents:

- *Validating Volatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8260B & 8260C, SOP HW-24, Rev. 4,* October 2014;
- *Validating Semivolatile Organic Compounds by Gas Chromatography/Mass Spectrometry, SW-846 Method 8270D, SOP HW-22, Rev. 5,* December 2010; and
- *Standard Operating Procedure for Validation of Polychlorinated Biphenyl (PCB) Aroclor Data, QA-HWSS-A-006, Rev. 0,* April/1/2022.

The limited validation included: a review of completeness of all required deliverables; holding times; a review of quality control (QC) results [blanks, surrogate recoveries, internal standard recoveries, instrument tune/calibration standards, MS/MSD recoveries, laboratory control sample (LCS) recoveries, dual-column precision (PCBs only), and field duplicate precision] to determine if the data are within the protocol-required limits and specifications; a determination that all samples were analyzed using established and agreed upon analytical protocols; an evaluation of the raw data to confirm the results provided in the data summary sheets; and a review of laboratory data qualifiers.

Qualifications applied to the data during the limited data validation include 'J' (estimated concentration) and 'UJ' (estimated quantitation limit). Definitions of USEPA data qualifiers are presented at the end of this text. The validated analytical results are presented on Table 2 (groundwater) and Table 3 (field QC). Validated Form I's are presented in Attachment A. Documentation supporting the qualification of data is presented in Attachment B. Only analytical deviations affecting data usability are discussed in this report.

## 3.0 DATA DELIVERABLE COMPLETENESS

Full deliverable data packages (i.e., NYSDEC ASP Category B or equivalent) were provided by the laboratory, which included all reporting forms and raw data necessary to fully evaluate and verify the reported analytical results.

## 4.0 SAMPLE RECEIPT/PRESERVATION/HOLDING TIMES

All samples were received by the laboratory intact, properly preserved, and under proper chain-of-custody (COC). All samples were analyzed within the required holding times, except for the following instances.

- The SVOC re-extractions for samples DEC-024, DEC-25, DEC-42, and DEC-47 were performed outside the 7-day hold time. Re-extractions were performed by the laboratory due to numerous LCS exceedances associated with the initial analyses (see below for further details). Since the re-extraction data were deemed to be "not reportable", no data qualification was necessary due to the hold time exceedance.

## 5.0 NON-CONFORMANCES

- **Instrument Calibration**

  The percent difference (%D) between the initial calibration (ICAL) average relative response factor (RRF) and the RRF in one or more of the continuing calibration standards (CCALs) associated with

the samples exceeded the QC limit of 20% and showed a low bias for VOC 1,2-dibromo-3-chloropropane. The results for these compounds in the associated samples were qualified 'UJ', as listed on Table 1.

- **Laboratory Control Samples (LCS)**

  The percent recoveries (%R) of one or more of the following SVOCs were below QC limits in the LCSs and/or LCSDs: caprolactam, 2-chloronaphthalene, 2,4-dinitrophenol, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and 1,2,4,5-tetrachlorobenzene. The results for these compounds in the associated samples were qualified 'J' or 'UJ', as listed on Table 1.

- **Matrix Spike/Matrix Spike Duplicates**

  The %R of VOCs 1,2-dibromo-3-chloropropane and naphthalene in the MS performed on sample DEC-34 were below QC limits. The %R of these compounds in the LCS were acceptable. The results for these compounds in sample DEC-34 have been qualified 'J' or 'UJ', as listed on Table 1.

  The %R of the following SVOCs in the MS and/or MSD performed on sample DEC-34 were below the QC limits: biphenyl, caprolactam, 2-chloronaphthalene, 2,4-dinitrophenol, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 1-methylnaphthalene, 2-methylnaphthalene, and 1,2,4,5-tetrachlorobenzene. The %R of several of these compounds in the LCS were also below QC limits. The results for these compounds in sampled DEC-34 have been qualified 'J' or 'UJ', as listed on Table 1.

- **Field Duplicates**

  A field duplicate was collected at location MW-14. The results between the sample and field duplicate exhibited good field and analytical precision [i.e., relative percent difference (RPD) < 20% for results greater than the reporting limit].

- **Dual-Column Precision (PCBs only)**

  The dual-column RPD for AR1254 was >40% for sample DEC-024. The result was qualified 'J', as listed on Table 1. Note, the lower of the two values was reported by the laboratory due to chromatographic interference associated with the higher value.

## 6.0 SAMPLE RESULTS AND REPORTING

All quantitation/detection limits were reported in accordance with method requirements and were adjusted for sample volume and dilution factors.

## 7.0 SUMMARY

All sample analyses were found to be compliant with the method criteria, except where previously noted. Those results qualified ‘J’ or ‘UJ’ are considered conditionally usable. All other sample results are usable as reported. AECOM does not recommend the recollection of any samples at this time.

**Prepared By:** Peter R. Fairbanks, Senior Chemist **Date:** 07/09/2025

**Reviewed By:** Linda Waters, Chemist **Date:** 07/14/2025

## DEFINITIONS OF USEPA DATA QUALIFIERS

| | |
|---|---|
| U – | The analyte was analyzed for, but was not detected above the level of the reported sample quantitation limit. |
| J – | The result is an estimated quantity. The associated numerical value is the approximate concentration of the analyte in the sample. |
| J + – | The result is an estimated quantity, but the result may be biased high. |
| UJ – | The analyte was analyzed for, but not detected. The reported quantitation limit is approximate and may be inaccurate or imprecise. |
| R – | The data are unusable. The sample results are rejected due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample. |
| D – | The sample result was reported from a secondary dilution analysis. |
| NJ – | The analysis indicates the presence of an analyte that has been “tentatively identified´ and the associated numerical value represents its approximate concentration. |

**TABLE 1**
**SUMMARY OF DATA QUALIFICATIONS**
**COLLEGE POINT SITE**

| SAMPLE ID | FRACTION | ANALYTICAL DEVIATION | QUALIFICATION |
|---|---|---|---|
| DEC-27, DEC-030, DEC-34, MW-05 | VOCs | CCAL %D > 20% (low bias) for 1,2-dibromo-3-chloropropane | Qualify non-detect results 'UJ' |
| DEC-34 | VOCs | MS/MSD %Rs < QC limits for 1,2-dibromo-3-chloropropane and naphthalene | Qualify detected results 'J' and non-detect results 'UJ' |
| DEC-21, DEC-27, DEC-030, DEC-34, DEC-38, DEC-54, MW-05, MW-14, MW-14-DUP, and RW-A | SVOCs | LCS %R < QC limit for caprolactam, 2-chloronaphthalene, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 2-methylnaphthalene, and 1,2,4,5-tetrachlorobenzene | Qualify detected results 'J' and non-detect results 'UJ' |
| DEC-024, DEC-25, DEC-42, and DEC-47 | SVOCs | LCS %R < QC limit for caprolactam, 2, 4-dinitrophenol, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 1-methylnaphthalene, 2-methylnaphthalene, naphthalene, and 1,2,4,5-tetrachlorobenzene | Qualify non-detect results 'UJ' |
| DEC-34 | SVOCs | MS/MSD %Rs < QC limit for biphenyl, caprolactam, 2-chloronaphthalene, 2,4-dinitrophenol, hexachlorobutadiene, hexachlorocyclopentadiene, hexachloroethane, 1-methylnaphthalene, 2-methylnaphthalene, and 1,2,4,5-tetrachlorobenzene | Qualify detected results 'J' and non-detect results 'UJ' |
| DEC-024 | PCBs | Dual-column RPD >40% for AR1254 | Qualify detected result 'J' |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-21 | DEC-24 | DEC-25 |
|---|---|---|---|---|
| Sample ID | | DEC-21 | DEC-024 | DEC-25 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/29/2025 | 5/30/2025 |
| **Parameter** | **Units** | | | |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 0.56 J | 1 U | 1 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 U | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 1 U | 1 U | 0.20 J |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U | 10 U |
| Acetone | ug/l | 50 U | 4.8 J | 3.3 J |
| Benzene | ug/l | 0.32 J | 0.28 J | 1 U |
| Bromochloromethane | ug/l | 1 U | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U | 5 U |
| Carbon tetrachloride | ug/l | 5 U | 5 U | 5 U |
| Chlorobenzene | ug/l | 1.2 | 1 U | 0.69 J |
| Chloroethane | ug/l | 2 U | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 2 U | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U | 2 U |
| Ethylbenzene | ug/l | 1 U | 1 U | 1 U |
| Isopropylbenzene (Cumene) | ug/l | 0.30 J | 1 U | 1 U |
| m,p-Xylenes | ug/l | 0.53 J | 2 U | 2 U |
| METHYL ACETATE | ug/l | 1 U | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 20 U | 20 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-21 | DEC-24 | DEC-25 |
|---|---|---|---|---|
| Sample ID | | DEC-21 | DEC-024 | DEC-25 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/29/2025 | 5/30/2025 |
| **Parameter** | **Units** | | | |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 2.0 | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 5 U | 5 U |
| Naphthalene | ug/l | 2 U | 2 U | 0.62 J |
| n-Butylbenzene | ug/l | 0.17 J | 1 U | 1 U |
| n-Propylbenzene | ug/l | 1 U | 1 U | 1 U |
| o-Xylene (1,2-Xylene) | ug/l | 0.21 J | 1 U | 1 U |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 0.21 J | 1 U | 1 U |
| Styrene | ug/l | 1 U | 1 U | 1 U |
| tert-Butylbenzene | ug/l | 0.14 J | 1 U | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U | 1 U |
| Toluene | ug/l | 0.12 J | 1 U | 1.0 |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 1 U | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U | 2 U |
| Xylenes | ug/l | 1 U | 1 U | 1 U |
| **Semivolatile Organic Compounds** | | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 23 U | 22 U | 21 U |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| 1-METHYLNAPHTHALENE | ug/l | 5.7 U | 5.5 UJ | 5.2 UJ |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | 23 U | 22 U | 21 U |
| 2,4,5-Trichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4,6-Trichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dimethylphenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dinitrophenol | ug/l | 23 U | 22 UJ | 21 UJ |
| 2,4-Dinitrotoluene | ug/l | 11 U | 11 U | 10 U |
| 2,6-Dinitrotoluene | ug/l | 11 U | 11 U | 10 U |
| 2-Chloronaphthalene | ug/l | 11 UJ | 11 U | 10 U |
| 2-Chlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2-Methylnaphthalene | ug/l | 5.7 UJ | 5.5 UJ | 5.2 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | 11 U | 11 U | 10 U |
| 2-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 2-Nitrophenol | ug/l | 11 U | 11 U | 10 U |
| 3,3'-Dichlorobenzidine | ug/l | 11 U | 11 U | 10 U |
| 3-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 23 U | 22 U | 21 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-21 | DEC-24 | DEC-25 |
|---|---|---|---|---|
| Sample ID | | DEC-21 | DEC-024 | DEC-25 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/29/2025 | 5/30/2025 |
| Parameter | Units | | | |
| 4-Chloro-3-methylphenol | ug/l | 11 U | 11 U | 10 U |
| 4-Chloroaniline | ug/l | 11 U | 11 U | 10 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 10 U |
| 4-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 4-Nitrophenol | ug/l | 11 U | 11 U | 10 U |
| Acenaphthene | ug/l | 4.2 J | 5.5 U | 4.6 J |
| Acenaphthylene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| ACETOPHENONE | ug/l | 11 U | 11 U | 10 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 23 U | 22 U | 21 U |
| Anthracene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Atrazine | ug/l | 23 U | 22 U | 21 U |
| Benz(a)anthracene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| BENZALDEHYDE | ug/l | 11 U | 11 U | 10 U |
| Benzo(a)pyrene | ug/l | 0.89 J | 5.5 U | 5.2 U |
| Benzo(b)fluoranthene | ug/l | 0.76 J | 5.5 U | 5.2 U |
| Benzo(g,h,i)perylene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Benzo(k)fluoranthene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Benzyl butyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroethoxy)methane | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroisopropyl)ether | ug/l | 11 U | 11 U | 10 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 11 U | 11 U | 10 U |
| CAPROLACTAM | ug/l | 11 UJ | 11 UJ | 10 UJ |
| CARBAZOLE | ug/l | 11 U | 11 U | 10 U |
| Chrysene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Dibenz(a,h)anthracene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Dibenzofuran | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Diethyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Dimethyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Di-n-butyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Di-n-octyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Fluoranthene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Fluorene | ug/l | 1.3 J | 5.5 U | 5.2 U |
| Hexachlorobenzene | ug/l | 11 U | 11 U | 10 U |
| Hexachlorobutadiene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Hexachlorocyclopentadiene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Hexachloroethane | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Isophorone | ug/l | 11 U | 11 U | 10 U |
| Methylphenols (Cresols) (total) | ug/l | 11 U | 11 U | 10 U |
| Naphthalene | ug/l | 5.7 U | 5.5 UJ | 5.2 UJ |
| Nitrobenzene | ug/l | 11 U | 11 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-21 | DEC-24 | DEC-25 |
|---|---|---|---|---|
| Sample ID | | DEC-21 | DEC-024 | DEC-25 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/29/2025 | 5/30/2025 |
| **Parameter** | **Units** | | | |
| N-NITROSODI-N-PROPYLAMINE | ug/l | 11 U | 11 U | 10 U |
| N-Nitrosodiphenylamine | ug/l | 11 U | 11 U | 10 U |
| Pentachlorophenol | ug/l | 11 U | 11 U | 10 U |
| Phenanthrene | ug/l | 5.7 U | 5.5 U | 5.2 U |
| Phenol | ug/l | 11 U | 11 U | 10 U |
| Pyrene | ug/l | 1.2 J | 5.5 U | 5.2 U |
| Pyridine | ug/l | 23 U | 22 U | 21 U |
| **Polychlorinated Biphenyls** | | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1016 (Aroclor 1016) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1221 (Aroclor 1221) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1232 (Aroclor 1232) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1242 (Aroclor 1242) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1248 (Aroclor 1248) | ug/l | 0.21 U | 0.21 U | 0.21 U |
| PCB-1254 (Aroclor 1254) | ug/l | 0.21 U | 0.11 J | 0.21 U |
| PCB-1260 (Aroclor 1260) | ug/l | 0.21 U | 0.17 J | 0.21 U |
| PCB-1268 (Aroclor 1268) | ug/l | 0.21 U | 0.21 U | 0.21 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-27 | DEC-30 | Dec-34 |
|---|---|---|---|---|
| Sample ID | | DEC-27 | DEC-030 | Dec-34 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/28/2025 | 5/29/2025 |
| Parameter | Units | | | |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 1 U | 1 U | 1.9 |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 UJ | 5 UJ | 5 UJ |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 1 U | 1 U | 0.38 J |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 1 U | 1 U | 0.28 J |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U | 10 U |
| Acetone | ug/l | 2.2 J | 93 | 2.4 J |
| Benzene | ug/l | 1 U | 1 U | 2.1 |
| Bromochloromethane | ug/l | 1 U | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U | 5 U |
| Carbon tetrachloride | ug/l | 5 U | 5 U | 5 U |
| Chlorobenzene | ug/l | 0.30 J | 1 U | 3.7 |
| Chloroethane | ug/l | 2 U | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 5.1 | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U | 2 U |
| Ethylbenzene | ug/l | 1 U | 1 U | 3.3 |
| Isopropylbenzene (Cumene) | ug/l | 1 U | 1 U | 1.2 |
| m,p-Xylenes | ug/l | 2 U | 2 U | 0.74 J |
| METHYL ACETATE | ug/l | 1 U | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 1.9 J | 20 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-27 | DEC-30 | Dec-34 |
|---|---|---|---|---|
| Sample ID | | DEC-27 | DEC-030 | Dec-34 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/28/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 1 U | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 2.0 J | 5 U |
| Naphthalene | ug/l | 2 U | 2 U | 19 J |
| n-Butylbenzene | ug/l | 1 U | 1 U | 1 U |
| n-Propylbenzene | ug/l | 1 U | 1 U | 0.28 J |
| o-Xylene (1,2-Xylene) | ug/l | 1 U | 1 U | 2.3 |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 1 U | 1 U | 1 U |
| Styrene | ug/l | 1 U | 1 U | 1 U |
| tert-Butylbenzene | ug/l | 1 U | 1 U | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U | 1 U |
| Toluene | ug/l | 1 U | 0.42 J | 0.14 J |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 0.22 J | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U | 2 U |
| Xylenes | ug/l | 1 U | 1 U | 2.3 |
| **Semivolatile Organic Compounds** | | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 21 U | 20 U | 21 UJ |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 11 UJ | 10 UJ | 10 UJ |
| 1-METHYLNAPHTHALENE | ug/l | 5.3 U | 5.1 U | 3.4 J |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | 21 U | 20 U | 21 U |
| 2,4,5-Trichlorophenol | ug/l | 11 U | 10 U | 10 U |
| 2,4,6-Trichlorophenol | ug/l | 11 U | 10 U | 10 U |
| 2,4-Dichlorophenol | ug/l | 11 U | 10 U | 10 U |
| 2,4-Dimethylphenol | ug/l | 11 U | 10 U | 10 U |
| 2,4-Dinitrophenol | ug/l | 21 U | 20 U | 21 UJ |
| 2,4-Dinitrotoluene | ug/l | 11 U | 10 U | 10 U |
| 2,6-Dinitrotoluene | ug/l | 11 U | 10 U | 10 U |
| 2-Chloronaphthalene | ug/l | 11 UJ | 10 UJ | 10 UJ |
| 2-Chlorophenol | ug/l | 11 U | 10 U | 10 U |
| 2-Methylnaphthalene | ug/l | 5.3 UJ | 5.1 UJ | 5.1 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | 11 U | 10 U | 10 U |
| 2-Nitroaniline | ug/l | 11 U | 10 U | 10 U |
| 2-Nitrophenol | ug/l | 11 U | 10 U | 10 U |
| 3,3'-Dichlorobenzidine | ug/l | 11 U | 10 U | 10 U |
| 3-Nitroaniline | ug/l | 11 U | 10 U | 10 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 21 U | 20 U | 21 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | 11 U | 10 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-27 | DEC-30 | Dec-34 |
|---|---|---|---|---|
| Sample ID | | DEC-27 | DEC-030 | Dec-34 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/28/2025 | 5/29/2025 |
| Parameter | Units | | | |
| 4-Chloro-3-methylphenol | ug/l | 11 U | 10 U | 10 U |
| 4-Chloroaniline | ug/l | 11 U | 10 U | 10 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | 11 U | 10 U | 10 U |
| 4-Nitroaniline | ug/l | 11 U | 10 U | 10 U |
| 4-Nitrophenol | ug/l | 11 U | 10 U | 10 U |
| Acenaphthene | ug/l | 1.4 J | 5.1 U | 5.9 |
| Acenaphthylene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| ACETOPHENONE | ug/l | 11 U | 10 U | 10 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 21 U | 20 U | 21 U |
| Anthracene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Atrazine | ug/l | 21 U | 20 U | 21 U |
| Benz(a)anthracene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| BENZALDEHYDE | ug/l | 11 U | 10 U | 10 U |
| Benzo(a)pyrene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Benzo(b)fluoranthene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Benzo(g,h,i)perylene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Benzo(k)fluoranthene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Benzyl butyl phthalate | ug/l | 11 U | 10 U | 10 U |
| Bis(2-chloroethoxy)methane | ug/l | 11 U | 10 U | 10 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 11 U | 10 U | 10 U |
| Bis(2-chloroisopropyl)ether | ug/l | 11 U | 10 U | 10 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 11 U | 10 U | 10 U |
| CAPROLACTAM | ug/l | 11 UJ | 10 UJ | 10 UJ |
| CARBAZOLE | ug/l | 11 U | 10 U | 10 U |
| Chrysene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Dibenz(a,h)anthracene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Dibenzofuran | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Diethyl phthalate | ug/l | 11 U | 10 U | 10 U |
| Dimethyl phthalate | ug/l | 11 U | 10 U | 10 U |
| Di-n-butyl phthalate | ug/l | 11 U | 10 U | 10 U |
| Di-n-octyl phthalate | ug/l | 11 U | 10 U | 10 U |
| Fluoranthene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Fluorene | ug/l | 5.3 U | 5.1 U | 0.90 J |
| Hexachlorobenzene | ug/l | 11 U | 10 U | 10 U |
| Hexachlorobutadiene | ug/l | 11 UJ | 10 UJ | 10 UJ |
| Hexachlorocyclopentadiene | ug/l | 11 UJ | 10 UJ | 10 UJ |
| Hexachloroethane | ug/l | 11 UJ | 10 UJ | 10 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Isophorone | ug/l | 11 U | 10 U | 10 U |
| Methylphenols (Cresols) (total) | ug/l | 11 U | 10 U | 10 U |
| Naphthalene | ug/l | 5.3 U | 5.1 U | 1.7 J |
| Nitrobenzene | ug/l | 11 U | 10 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | DEC-27 | DEC-30 | Dec-34 |
|---|---|---|---|---|
| Sample ID | | DEC-27 | DEC-030 | Dec-34 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/28/2025 | 5/28/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| N-NITROSODI-N-PROPYLAMINE | ug/l | 11 U | 10 U | 10 U |
| N-Nitrosodiphenylamine | ug/l | 11 U | 10 U | 10 U |
| Pentachlorophenol | ug/l | 11 U | 10 U | 10 U |
| Phenanthrene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Phenol | ug/l | 11 U | 10 U | 10 U |
| Pyrene | ug/l | 5.3 U | 5.1 U | 5.1 U |
| Pyridine | ug/l | 21 U | 20 U | 21 U |
| **Polychlorinated Biphenyls** | | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | 0.21 U | 0.22 U | 0.21 U |
| PCB-1016 (Aroclor 1016) | ug/l | 0.21 U | 0.22 U | 0.21 U |
| PCB-1221 (Aroclor 1221) | ug/l | 0.21 U | 0.22 U | 0.21 U |
| PCB-1232 (Aroclor 1232) | ug/l | 0.21 U | 0.22 U | 0.21 U |
| PCB-1242 (Aroclor 1242) | ug/l | 0.21 U | 0.22 U | 0.21 U |
| PCB-1248 (Aroclor 1248) | ug/l | 0.21 U | 2.2 | 0.21 U |
| PCB-1254 (Aroclor 1254) | ug/l | 0.21 U | 0.69 | 0.21 U |
| PCB-1260 (Aroclor 1260) | ug/l | 0.21 U | 0.18 J | 0.21 U |
| PCB-1268 (Aroclor 1268) | ug/l | 0.21 U | 0.22 U | 0.21 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-38 | Dec-42 | Dec-47 |
|---|---|---|---|---|
| Sample ID | | Dec-38 | Dec-42 | Dec-47 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/30/2025 | 5/29/2025 |
| Parameter | Units | | | |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 1.4 | 1 U | 1 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 U | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 1.1 | 1 U | 1 U |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 0.63 J | 1 U | 1.4 |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U | 10 U |
| Acetone | ug/l | 6.1 J | 4.3 J | 4.7 J |
| Benzene | ug/l | 14 | 1 U | 1 U |
| Bromochloromethane | ug/l | 1 U | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U | 5 U |
| Carbon tetrachloride | ug/l | 5 U | 5 U | 5 U |
| Chlorobenzene | ug/l | 5.0 | 1 U | 2.6 |
| Chloroethane | ug/l | 2 U | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 2 U | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 0.31 J | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U | 2 U |
| Ethylbenzene | ug/l | 1 U | 1 U | 1 U |
| Isopropylbenzene (Cumene) | ug/l | 6.2 | 1 U | 1 U |
| m,p-Xylenes | ug/l | 0.35 J | 2 U | 2 U |
| METHYL ACETATE | ug/l | 1 U | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 20 U | 20 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-38 | Dec-42 | Dec-47 |
|---|---|---|---|---|
| Sample ID | | Dec-38 | Dec-42 | Dec-47 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/30/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 0.85 J | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 5 U | 5 U |
| Naphthalene | ug/l | 0.22 J | 2 U | 1.0 J |
| n-Butylbenzene | ug/l | 0.91 J | 1 U | 1 U |
| n-Propylbenzene | ug/l | 0.62 J | 1 U | 1 U |
| o-Xylene (1,2-Xylene) | ug/l | 0.29 J | 1 U | 1 U |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 1.3 | 1 U | 1 U |
| Styrene | ug/l | 1 U | 1 U | 1 U |
| tert-Butylbenzene | ug/l | 0.24 J | 1 U | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U | 1 U |
| Toluene | ug/l | 0.81 J | 1 U | 1.3 |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 1 U | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U | 2 U |
| Xylenes | ug/l | 1 U | 1 U | 1 U |
| **Semivolatile Organic Compounds** | | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 22 U | 22 U | 21 U |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| 1-METHYLNAPHTHALENE | ug/l | 2.0 J | 5.5 UJ | 5.1 UJ |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | 22 U | 22 U | 21 U |
| 2,4,5-Trichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4,6-Trichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dichlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dimethylphenol | ug/l | 11 U | 11 U | 10 U |
| 2,4-Dinitrophenol | ug/l | 22 U | 22 UJ | 21 UJ |
| 2,4-Dinitrotoluene | ug/l | 11 U | 11 U | 10 U |
| 2,6-Dinitrotoluene | ug/l | 11 U | 11 U | 10 U |
| 2-Chloronaphthalene | ug/l | 11 UJ | 11 U | 10 U |
| 2-Chlorophenol | ug/l | 11 U | 11 U | 10 U |
| 2-Methylnaphthalene | ug/l | 5.4 UJ | 5.5 UJ | 5.1 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | 11 U | 11 U | 10 U |
| 2-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 2-Nitrophenol | ug/l | 11 U | 11 U | 10 U |
| 3,3'-Dichlorobenzidine | ug/l | 11 U | 11 U | 10 U |
| 3-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 22 U | 22 U | 21 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-38 | Dec-42 | Dec-47 |
|---|---|---|---|---|
| Sample ID | | Dec-38 | Dec-42 | Dec-47 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/30/2025 | 5/29/2025 |
| Parameter | Units | | | |
| 4-Chloro-3-methylphenol | ug/l | 11 U | 11 U | 10 U |
| 4-Chloroaniline | ug/l | 11 U | 11 U | 10 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 10 U |
| 4-Nitroaniline | ug/l | 11 U | 11 U | 10 U |
| 4-Nitrophenol | ug/l | 11 U | 11 U | 10 U |
| Acenaphthene | ug/l | 14 | 5.5 U | 5.1 U |
| Acenaphthylene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| ACETOPHENONE | ug/l | 11 U | 11 U | 10 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 22 U | 22 U | 21 U |
| Anthracene | ug/l | 0.91 J | 5.5 U | 5.1 U |
| Atrazine | ug/l | 22 U | 22 U | 21 U |
| Benz(a)anthracene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| BENZALDEHYDE | ug/l | 11 U | 11 U | 10 U |
| Benzo(a)pyrene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Benzo(b)fluoranthene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Benzo(g,h,i)perylene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Benzo(k)fluoranthene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Benzyl butyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroethoxy)methane | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 11 U | 11 U | 10 U |
| Bis(2-chloroisopropyl)ether | ug/l | 11 U | 11 U | 10 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 11 U | 11 U | 10 U |
| CAPROLACTAM | ug/l | 11 UJ | 11 UJ | 10 UJ |
| CARBAZOLE | ug/l | 11 U | 11 U | 10 U |
| Chrysene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Dibenz(a,h)anthracene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Dibenzofuran | ug/l | 1.1 J | 5.5 U | 5.1 U |
| Diethyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Dimethyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Di-n-butyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Di-n-octyl phthalate | ug/l | 11 U | 11 U | 10 U |
| Fluoranthene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Fluorene | ug/l | 2.3 J | 5.5 U | 5.1 U |
| Hexachlorobenzene | ug/l | 11 U | 11 U | 10 U |
| Hexachlorobutadiene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Hexachlorocyclopentadiene | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Hexachloroethane | ug/l | 11 UJ | 11 UJ | 10 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Isophorone | ug/l | 11 U | 11 U | 10 U |
| Methylphenols (Cresols) (total) | ug/l | 11 U | 11 U | 10 U |
| Naphthalene | ug/l | 5.4 U | 5.5 UJ | 5.1 UJ |
| Nitrobenzene | ug/l | 11 U | 11 U | 10 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-38 | Dec-42 | Dec-47 |
|---|---|---|---|---|
| Sample ID | | Dec-38 | Dec-42 | Dec-47 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/30/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| N-NITROSODI-N-PROPYLAMINE | ug/l | 11 U | 11 U | 10 U |
| N-Nitrosodiphenylamine | ug/l | 0.85 J | 11 U | 10 U |
| Pentachlorophenol | ug/l | 11 U | 11 U | 10 U |
| Phenanthrene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Phenol | ug/l | 11 U | 11 U | 10 U |
| Pyrene | ug/l | 5.4 U | 5.5 U | 5.1 U |
| Pyridine | ug/l | 22 U | 22 U | 21 U |
| **Polychlorinated Biphenyls** | | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1016 (Aroclor 1016) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1221 (Aroclor 1221) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1232 (Aroclor 1232) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1242 (Aroclor 1242) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1248 (Aroclor 1248) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1254 (Aroclor 1254) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1260 (Aroclor 1260) | ug/l | 0.22 U | 0.22 U | 0.22 U |
| PCB-1268 (Aroclor 1268) | ug/l | 0.22 U | 0.22 U | 0.22 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-54 | MW-05 | MW-14 |
|---|---|---|---|---|
| Sample ID | | Dec-54 | MW-05 | MW-14 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/28/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| **Volatile Organic Compounds** | | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 1.5 | 1 U | 1 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 U | 5 UJ | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 1 U | 1.8 | 1 U |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 0.37 J | 1 U |
| 1,4-Dichlorobenzene | ug/l | 1 U | 1.0 | 1 U |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U | 10 U |
| Acetone | ug/l | 10 J | 3.3 J | 7.6 J |
| Benzene | ug/l | 33 | 1 U | 1 U |
| Bromochloromethane | ug/l | 1 U | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U | 5 U |
| Carbon tetrachloride | ug/l | 5 U | 5 U | 5 U |
| Chlorobenzene | ug/l | 1.4 | 15 | 1.5 |
| Chloroethane | ug/l | 2 U | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 2 U | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U | 2 U |
| Ethylbenzene | ug/l | 1.1 | 1 U | 1 U |
| Isopropylbenzene (Cumene) | ug/l | 2.2 | 1 U | 1 U |
| m,p-Xylenes | ug/l | 0.53 J | 2 U | 2 U |
| METHYL ACETATE | ug/l | 1 U | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 20 U | 20 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-54 | MW-05 | MW-14 |
|---|---|---|---|---|
| Sample ID | | Dec-54 | MW-05 | MW-14 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/28/2025 | 5/29/2025 |
| Parameter | Units | | | |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 1 U | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 5 U | 5 U |
| Naphthalene | ug/l | 20 | 2 U | 2 U |
| n-Butylbenzene | ug/l | 1 U | 1 U | 1 U |
| n-Propylbenzene | ug/l | 0.59 J | 1 U | 1 U |
| o-Xylene (1,2-Xylene) | ug/l | 1.4 | 1 U | 1 U |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 0.29 J | 0.37 J | 0.15 J |
| Styrene | ug/l | 1 U | 1 U | 1 U |
| tert-Butylbenzene | ug/l | 0.52 J | 0.23 J | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U | 1 U |
| Toluene | ug/l | 1 U | 0.14 J | 1 U |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 1 U | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U | 2 U |
| Xylenes | ug/l | 1.4 | 1 U | 1 U |
| **Semivolatile Organic Compounds** | | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 22 U | 22 U | 23 U |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 11 UJ | 11 UJ | 11 UJ |
| 1-METHYLNAPHTHALENE | ug/l | 8.0 | 5.4 U | 5.7 U |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | 22 U | 22 U | 23 U |
| 2,4,5-Trichlorophenol | ug/l | 11 U | 11 U | 11 U |
| 2,4,6-Trichlorophenol | ug/l | 11 U | 11 U | 11 U |
| 2,4-Dichlorophenol | ug/l | 11 U | 11 U | 11 U |
| 2,4-Dimethylphenol | ug/l | 11 U | 11 U | 11 U |
| 2,4-Dinitrophenol | ug/l | 22 U | 22 U | 23 U |
| 2,4-Dinitrotoluene | ug/l | 11 U | 11 U | 11 U |
| 2,6-Dinitrotoluene | ug/l | 11 U | 11 U | 11 U |
| 2-Chloronaphthalene | ug/l | 11 UJ | 11 UJ | 11 UJ |
| 2-Chlorophenol | ug/l | 11 U | 11 U | 11 U |
| 2-Methylnaphthalene | ug/l | 5.4 UJ | 5.4 UJ | 5.7 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | 11 U | 11 U | 11 U |
| 2-Nitroaniline | ug/l | 11 U | 11 U | 11 U |
| 2-Nitrophenol | ug/l | 11 U | 11 U | 11 U |
| 3,3'-Dichlorobenzidine | ug/l | 11 U | 11 U | 11 U |
| 3-Nitroaniline | ug/l | 11 U | 11 U | 11 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 22 U | 22 U | 23 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 11 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-54 | MW-05 | MW-14 |
|---|---|---|---|---|
| Sample ID | | Dec-54 | MW-05 | MW-14 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/28/2025 | 5/29/2025 |
| Parameter | Units | | | |
| 4-Chloro-3-methylphenol | ug/l | 11 U | 11 U | 11 U |
| 4-Chloroaniline | ug/l | 11 U | 11 U | 11 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | 11 U | 11 U | 11 U |
| 4-Nitroaniline | ug/l | 11 U | 11 U | 11 U |
| 4-Nitrophenol | ug/l | 11 U | 11 U | 11 U |
| Acenaphthene | ug/l | 5.1 J | 4.0 J | 2.3 J |
| Acenaphthylene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| ACETOPHENONE | ug/l | 11 U | 11 U | 11 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 22 U | 22 U | 23 U |
| Anthracene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Atrazine | ug/l | 22 U | 22 U | 23 U |
| Benz(a)anthracene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| BENZALDEHYDE | ug/l | 11 U | 11 U | 11 U |
| Benzo(a)pyrene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Benzo(b)fluoranthene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Benzo(g,h,i)perylene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Benzo(k)fluoranthene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Benzyl butyl phthalate | ug/l | 11 U | 11 U | 11 U |
| Bis(2-chloroethoxy)methane | ug/l | 11 U | 11 U | 11 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 11 U | 11 U | 11 U |
| Bis(2-chloroisopropyl)ether | ug/l | 11 U | 11 U | 11 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 11 U | 11 U | 11 U |
| CAPROLACTAM | ug/l | 11 UJ | 11 UJ | 5.2 J |
| CARBAZOLE | ug/l | 11 U | 11 U | 11 U |
| Chrysene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Dibenz(a,h)anthracene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Dibenzofuran | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Diethyl phthalate | ug/l | 11 U | 11 U | 11 U |
| Dimethyl phthalate | ug/l | 11 U | 11 U | 11 U |
| Di-n-butyl phthalate | ug/l | 11 U | 11 U | 11 U |
| Di-n-octyl phthalate | ug/l | 11 U | 11 U | 11 U |
| Fluoranthene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Fluorene | ug/l | 5.4 U | 5.4 U | 1.1 J |
| Hexachlorobenzene | ug/l | 11 U | 11 U | 11 U |
| Hexachlorobutadiene | ug/l | 11 UJ | 11 UJ | 11 UJ |
| Hexachlorocyclopentadiene | ug/l | 11 UJ | 11 UJ | 11 UJ |
| Hexachloroethane | ug/l | 11 UJ | 11 UJ | 11 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Isophorone | ug/l | 11 U | 11 U | 11 U |
| Methylphenols (Cresols) (total) | ug/l | 11 U | 11 U | 11 U |
| Naphthalene | ug/l | 13 | 5.4 U | 5.7 U |
| Nitrobenzene | ug/l | 11 U | 11 U | 11 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | Dec-54 | MW-05 | MW-14 |
|---|---|---|---|---|
| Sample ID | | Dec-54 | MW-05 | MW-14 |
| Matrix | | Groundwater | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * | * |
| Date Sampled | | 5/29/2025 | 5/28/2025 | 5/29/2025 |
| **Parameter** | **Units** | | | |
| N-NITROSODI-N-PROPYLAMINE | ug/l | 11 U | 11 U | 11 U |
| N-Nitrosodiphenylamine | ug/l | 11 U | 11 U | 11 U |
| Pentachlorophenol | ug/l | 11 U | 11 U | 11 U |
| Phenanthrene | ug/l | 5.4 U | 5.4 U | 5.7 U |
| Phenol | ug/l | 11 U | 11 U | 11 U |
| Pyrene | ug/l | 0.82 J | 5.4 U | 5.7 U |
| Pyridine | ug/l | 22 U | 22 U | 23 U |
| **Polychlorinated Biphenyls** | | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1016 (Aroclor 1016) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1221 (Aroclor 1221) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1232 (Aroclor 1232) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1242 (Aroclor 1242) | ug/l | 0.22 U | 0.21 U | 0.43 |
| PCB-1248 (Aroclor 1248) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1254 (Aroclor 1254) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1260 (Aroclor 1260) | ug/l | 0.22 U | 0.21 U | 0.21 U |
| PCB-1268 (Aroclor 1268) | ug/l | 0.22 U | 0.21 U | 0.21 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | MW-14 | RW-A |
|---|---|---|---|
| Sample ID | | MW-14DUP | RW-A |
| Matrix | | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * |
| Date Sampled | | 5/29/2025 | 5/29/2025 |
| **Parameter** | **Units** | Field Duplicate | |
| **Volatile Organic Compounds** | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 1 U | 1.0 |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 0.26 J | 0.19 J |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 1 U | 1 U |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U |
| Acetone | ug/l | 5.9 J | 50 U |
| Benzene | ug/l | 1 U | 32 |
| Bromochloromethane | ug/l | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U |
| Carbon tetrachloride | ug/l | 5 U | 5 U |
| Chlorobenzene | ug/l | 1.4 | 0.61 J |
| Chloroethane | ug/l | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U |
| Ethylbenzene | ug/l | 1 U | 2.7 |
| Isopropylbenzene (Cumene) | ug/l | 1 U | 1.6 |
| m,p-Xylenes | ug/l | 2 U | 1.1 J |
| METHYL ACETATE | ug/l | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 20 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | MW-14 | RW-A |
|---|---|---|---|
| Sample ID | | MW-14DUP | RW-A |
| Matrix | | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * |
| Date Sampled | | 5/29/2025 | 5/29/2025 |
| **Parameter** | **Units** | Field Duplicate | |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 5 U |
| Naphthalene | ug/l | 2 U | 14 |
| n-Butylbenzene | ug/l | 1 U | 1 U |
| n-Propylbenzene | ug/l | 1 U | 0.47 J |
| o-Xylene (1,2-Xylene) | ug/l | 1 U | 2.1 |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 1 U | 1 U |
| Styrene | ug/l | 1 U | 1 U |
| tert-Butylbenzene | ug/l | 1 U | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U |
| Toluene | ug/l | 1 U | 1.0 |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U |
| Xylenes | ug/l | 1 U | 3.2 |
| **Semivolatile Organic Compounds** | | | |
| 1,1'-Biphenyl (Diphenyl) | ug/l | 23 U | 22 U |
| 1,2,4,5-Tetrachlorobenzene | ug/l | 11 UJ | 11 UJ |
| 1-METHYLNAPHTHALENE | ug/l | 5.7 U | 2.6 J |
| 2,3,4,6-TETRACHLOROPHENOL | ug/l | 23 U | 22 U |
| 2,4,5-Trichlorophenol | ug/l | 11 U | 11 U |
| 2,4,6-Trichlorophenol | ug/l | 11 U | 11 U |
| 2,4-Dichlorophenol | ug/l | 11 U | 11 U |
| 2,4-Dimethylphenol | ug/l | 11 U | 11 U |
| 2,4-Dinitrophenol | ug/l | 23 U | 22 U |
| 2,4-Dinitrotoluene | ug/l | 11 U | 11 U |
| 2,6-Dinitrotoluene | ug/l | 11 U | 11 U |
| 2-Chloronaphthalene | ug/l | 11 UJ | 11 UJ |
| 2-Chlorophenol | ug/l | 11 U | 11 U |
| 2-Methylnaphthalene | ug/l | 5.7 UJ | 5.5 UJ |
| 2-Methylphenol (O-Cresol) | ug/l | 11 U | 11 U |
| 2-Nitroaniline | ug/l | 11 U | 11 U |
| 2-Nitrophenol | ug/l | 11 U | 11 U |
| 3,3'-Dichlorobenzidine | ug/l | 11 U | 11 U |
| 3-Nitroaniline | ug/l | 11 U | 11 U |
| 4,6-Dinitro-2-methylphenol | ug/l | 23 U | 22 U |
| 4-BROMOPHENYL PHENYL ETHER | ug/l | 11 U | 11 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | MW-14 | RW-A |
|---|---|---|---|
| Sample ID | | MW-14DUP | RW-A |
| Matrix | | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * |
| Date Sampled | | 5/29/2025 | 5/29/2025 |
| Parameter | Units | Field Duplicate | |
| 4-Chloro-3-methylphenol | ug/l | 11 U | 11 U |
| 4-Chloroaniline | ug/l | 11 U | 11 U |
| 4-CHLOROPHENYL PHENYL ETHER | ug/l | 11 U | 11 U |
| 4-Nitroaniline | ug/l | 11 U | 11 U |
| 4-Nitrophenol | ug/l | 11 U | 11 U |
| Acenaphthene | ug/l | 2.2 J | 5.9 |
| Acenaphthylene | ug/l | 5.7 U | 5.5 U |
| ACETOPHENONE | ug/l | 11 U | 11 U |
| Aniline (Phenylamine, Aminobenzene) | ug/l | 23 U | 22 U |
| Anthracene | ug/l | 5.7 U | 5.5 U |
| Atrazine | ug/l | 23 U | 22 U |
| Benz(a)anthracene | ug/l | 5.7 U | 5.5 U |
| BENZALDEHYDE | ug/l | 11 U | 11 U |
| Benzo(a)pyrene | ug/l | 5.7 U | 5.5 U |
| Benzo(b)fluoranthene | ug/l | 5.7 U | 5.5 U |
| Benzo(g,h,i)perylene | ug/l | 5.7 U | 5.5 U |
| Benzo(k)fluoranthene | ug/l | 5.7 U | 5.5 U |
| Benzyl butyl phthalate | ug/l | 11 U | 11 U |
| Bis(2-chloroethoxy)methane | ug/l | 11 U | 11 U |
| Bis(2-chloroethyl)ether (2-Chloroethyl ether) | ug/l | 11 U | 11 U |
| Bis(2-chloroisopropyl)ether | ug/l | 11 U | 11 U |
| Bis(2-ethylhexyl)phthalate | ug/l | 11 U | 11 U |
| CAPROLACTAM | ug/l | 11 UJ | 11 UJ |
| CARBAZOLE | ug/l | 11 U | 11 U |
| Chrysene | ug/l | 5.7 U | 5.5 U |
| Dibenz(a,h)anthracene | ug/l | 5.7 U | 5.5 U |
| Dibenzofuran | ug/l | 5.7 U | 5.5 U |
| Diethyl phthalate | ug/l | 11 U | 11 U |
| Dimethyl phthalate | ug/l | 11 U | 11 U |
| Di-n-butyl phthalate | ug/l | 11 U | 11 U |
| Di-n-octyl phthalate | ug/l | 11 U | 11 U |
| Fluoranthene | ug/l | 5.7 U | 5.5 U |
| Fluorene | ug/l | 1.0 J | 5.5 U |
| Hexachlorobenzene | ug/l | 11 U | 11 U |
| Hexachlorobutadiene | ug/l | 11 UJ | 11 UJ |
| Hexachlorocyclopentadiene | ug/l | 11 UJ | 11 UJ |
| Hexachloroethane | ug/l | 11 UJ | 11 UJ |
| Indeno(1,2,3-cd)pyrene | ug/l | 5.7 U | 5.5 U |
| Isophorone | ug/l | 11 U | 11 U |
| Methylphenols (Cresols) (total) | ug/l | 11 U | 11 U |
| Naphthalene | ug/l | 5.7 U | 2.7 J |
| Nitrobenzene | ug/l | 11 U | 11 U |

TABLE 2
VALIDATED GROUNDWATER SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | MW-14 | RW-A |
|---|---|---|---|
| Sample ID | | MW-14DUP | RW-A |
| Matrix | | Groundwater | Groundwater |
| Depth Interval (ft) | | * | * |
| Date Sampled | | 5/29/2025 | 5/29/2025 |
| **Parameter** | **Units** | Field Duplicate | |
| N-NITROSODI-N-PROPYLAMINE | ug/l | 11 U | 11 U |
| N-Nitrosodiphenylamine | ug/l | 11 U | 11 U |
| Pentachlorophenol | ug/l | 11 U | 11 U |
| Phenanthrene | ug/l | 5.7 U | 5.5 U |
| Phenol | ug/l | 11 U | 11 U |
| Pyrene | ug/l | 5.7 U | 5.5 U |
| Pyridine | ug/l | 23 U | 22 U |
| **Polychlorinated Biphenyls** | | | |
| Chlorobiphenyl (Aroclor 1262) | ug/l | 0.23 U | 0.21 U |
| PCB-1016 (Aroclor 1016) | ug/l | 0.23 U | 0.21 U |
| PCB-1221 (Aroclor 1221) | ug/l | 0.23 U | 0.21 U |
| PCB-1232 (Aroclor 1232) | ug/l | 0.23 U | 0.21 U |
| PCB-1242 (Aroclor 1242) | ug/l | 0.17 J | 0.21 U |
| PCB-1248 (Aroclor 1248) | ug/l | 0.23 U | 0.21 U |
| PCB-1254 (Aroclor 1254) | ug/l | 0.23 U | 0.21 U |
| PCB-1260 (Aroclor 1260) | ug/l | 0.23 U | 0.21 U |
| PCB-1268 (Aroclor 1268) | ug/l | 0.23 U | 0.21 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

TABLE 3
VALIDATED FIELD QC SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | FIELDQC | FIELDQC |
|---|---|---|---|
| Sample ID | | TB20250527 | TB20250530 |
| Matrix | | WQ | WQ |
| Depth Interval | | * | * |
| Date Sampled | | 5/27/2025 | 5/27/2025 |
| **Parameter** | **Units** | **Trip Blank** | **Trip Blank** |
| **Volatile Organic Compounds** | | | |
| 1,1,1-Trichloroethane | ug/l | 1 U | 1 U |
| 1,1,2,2-Tetrachloroethane | ug/l | 0.5 U | 0.5 U |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (113 Freon) | ug/l | 1 U | 1 U |
| 1,1,2-Trichloroethane | ug/l | 1 U | 1 U |
| 1,1-Dichloroethane | ug/l | 1 U | 1 U |
| 1,1-Dichloroethylene | ug/l | 1 U | 1 U |
| 1,2,3-Trichlorobenzene | ug/l | 5 U | 5 U |
| 1,2,3-Trichloropropane | ug/l | 2 U | 2 U |
| 1,2,4-Trichlorobenzene | ug/l | 1 U | 1 U |
| 1,2,4-Trimethylbenzene | ug/l | 1 U | 1 U |
| 1,2-Dibromo-3-chloropropane | ug/l | 5 U | 5 U |
| 1,2-Dibromoethane (Ethylene dibromide) | ug/l | 0.5 U | 0.5 U |
| 1,2-Dichlorobenzene | ug/l | 1 U | 1 U |
| 1,2-Dichloroethane (Ethylene dichloride) | ug/l | 1 U | 1 U |
| 1,2-Dichloropropane | ug/l | 1 U | 1 U |
| 1,3,5-Trimethylbenzene (Mesitylene) | ug/l | 1 U | 1 U |
| 1,3-Dichlorobenzene | ug/l | 1 U | 1 U |
| 1,4-Dichlorobenzene | ug/l | 1 U | 1 U |
| 2-Hexanone (Methyl butyl ketone) | ug/l | 10 U | 10 U |
| Acetone | ug/l | 50 U | 50 U |
| Benzene | ug/l | 1 U | 1 U |
| Bromochloromethane | ug/l | 1 U | 1 U |
| Bromodichloromethane | ug/l | 0.5 U | 0.5 U |
| Bromoform | ug/l | 1 U | 1 U |
| Bromomethane | ug/l | 2 U | 2 U |
| Carbon disulfide | ug/l | 5 U | 5 U |

TABLE 3
VALIDATED FIELD QC SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | FIELDQC | FIELDQC |
|---|---|---|---|
| Sample ID | | TB20250527 | TB20250530 |
| Matrix | | WQ | WQ |
| Depth Interval | | * | * |
| Date Sampled | | 5/27/2025 | 5/27/2025 |
| **Parameter** | **Units** | **Trip Blank** | **Trip Blank** |
| **Volatile Organic Compounds** | | | |
| Carbon tetrachloride | ug/l | 5 U | 5 U |
| Chlorobenzene | ug/l | 1 U | 1 U |
| Chloroethane | ug/l | 2 U | 2 U |
| Chloroform | ug/l | 2 U | 2 U |
| Chloromethane (Methyl chloride) | ug/l | 2 U | 2 U |
| cis-1,2-Dichloroethylene | ug/l | 1 U | 1 U |
| cis-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U |
| CYCLOHEXANE | ug/l | 5 U | 5 U |
| Dibromochloromethane | ug/l | 0.5 U | 0.5 U |
| Dichlorodifluoromethane | ug/l | 2 U | 2 U |
| Ethylbenzene | ug/l | 1 U | 1 U |
| Isopropylbenzene (Cumene) | ug/l | 1 U | 1 U |
| m,p-Xylenes | ug/l | 2 U | 2 U |
| METHYL ACETATE | ug/l | 1 U | 1 U |
| Methyl ethyl ketone (MEK, 2-Butanone) | ug/l | 20 U | 20 U |
| Methyl isobutyl ketone (MIK, 4-Methyl-2-Pentanone) | ug/l | 10 U | 10 U |
| Methyl tert-butyl ether (MTBE) | ug/l | 1 U | 1 U |
| METHYLCYCLOHEXANE | ug/l | 1 U | 1 U |
| Methylene chloride (Dichloromethane) | ug/l | 5 U | 5 U |
| Naphthalene | ug/l | 2 U | 2 U |
| n-Butylbenzene | ug/l | 1 U | 1 U |
| n-Propylbenzene | ug/l | 1 U | 1 U |
| o-Xylene (1,2-Xylene) | ug/l | 1 U | 1 U |
| p-Isopropyltoluene (Cymene) | ug/l | 1 U | 1 U |
| sec-Butylbenzene | ug/l | 1 U | 1 U |
| Styrene | ug/l | 1 U | 1 U |

TABLE 3
VALIDATED FIELD QC SAMPLE RESULTS
COLLEGE POINT 2 PLUME TRACKDOWN

| Location ID | | FIELDQC | FIELDQC |
|---|---|---|---|
| Sample ID | | TB20250527 | TB20250530 |
| Matrix | | WQ | WQ |
| Depth Interval | | * | * |
| Date Sampled | | 5/27/2025 | 5/27/2025 |
| **Parameter** | **Units** | **Trip Blank** | **Trip Blank** |
| **Volatile Organic Compounds** | | | |
| tert-Butylbenzene | ug/l | 1 U | 1 U |
| Tetrachloroethylene (Perchloroethylene, PCE) | ug/l | 1 U | 1 U |
| Toluene | ug/l | 1 U | 1 U |
| trans-1,2-Dichloroethylene | ug/l | 1 U | 1 U |
| trans-1,3-Dichloropropene | ug/l | 0.5 U | 0.5 U |
| Trichloroethylene (TCE) | ug/l | 1 U | 1 U |
| Trichlorofluoromethane | ug/l | 2 U | 2 U |
| Vinyl chloride | ug/l | 2 U | 2 U |
| Xylenes | ug/l | 1 U | 1 U |

Flags Assigned during chemistry validation are shown

Detection Limits shown are PQL

# ATTACHMENT A

# VALIDATED FORM I'S

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-030** | Sampled: 5/28/2025 09:35

**Sample ID: 25E2355-01**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 93 | 50 | 1.9 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 2-Butanone (MEK) | 1.9 | 20 | 1.5 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Chlorobenzene | ND | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Chloroform | 5.1 | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | UJV-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Methylene Chloride | 2.0 | 5.0 | 0.17 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-030** | Sampled: 5/28/2025 09:35

**Sample ID: 25E2355-01**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Toluene | 0.42 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Trichloroethylene | 0.22 | 1.0 | 0.16 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:33 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 79.9 | 70-130 | | 6/3/25 16:33 |
| Toluene-d8 | 94.4 | 70-130 | | 6/3/25 16:33 |
| 4-Bromofluorobenzene | 101 | 70-130 | | 6/3/25 16:33 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-030** | Sampled: 5/28/2025 09:35

**Sample ID: 25E2355-01**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 20 | 4.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Atrazine | ND | 20 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzaldehyde | ND | 10 | 4.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Biphenyl | ND | 20 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Caprolactam | ND | 10 | 4.6 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Acenaphthene | ND | 5.1 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Acenaphthylene | ND | 5.1 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Acetophenone | ND | 10 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Aniline | ND | 20 | 13 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Anthracene | ND | 5.1 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzo(a)anthracene | ND | 5.1 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzo(a)pyrene | ND | 5.1 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzo(b)fluoranthene | ND | 5.1 | 0.63 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzo(g,h,i)perylene | ND | 5.1 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Benzo(k)fluoranthene | ND | 5.1 | 0.68 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Bis(2-chloroethoxy)methane | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Bis(2-chloroethyl)ether | ND | 10 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 10 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Bromophenylphenylether | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Butylbenzylphthalate | ND | 10 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Carbazole | ND | 10 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Chloroaniline | ND | 10 | 4.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Chloro-3-methylphenol | ND | 10 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Chloronaphthalene | ND | 10 | 0.78 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Chlorophenol | ND | 10 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Chlorophenylphenylether | ND | 10 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Chrysene | ND | 5.1 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Dibenz(a,h)anthracene | ND | 5.1 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Dibenzofuran | ND | 5.1 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Di-n-butylphthalate | ND | 10 | 4.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 3,3-Dichlorobenzidine | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4-Dichlorophenol | ND | 10 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Diethylphthalate | ND | 10 | 1.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4-Dimethylphenol | ND | 10 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Dimethylphthalate | ND | 10 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 20 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4-Dinitrophenol | ND | 20 | 3.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,6-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Di-n-octylphthalate | ND | 10 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Fluoranthene | ND | 5.1 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Fluorene | ND | 5.1 | 0.73 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Hexachlorobenzene | ND | 10 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-030** | Sampled: 5/28/2025 09:35

**Sample ID: 25E2355-01**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 10 | 4.8 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Hexachlorocyclopentadiene | ND | 10 | 4.5 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Hexachloroethane | ND | 10 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.1 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Isophorone | ND | 10 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 1-Methylnaphthalene | ND | 5.1 | 0.98 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Methylnaphthalene | ND | 5.1 | 0.92 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Methylphenol | ND | 10 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 3/4-Methylphenol | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Naphthalene | ND | 5.1 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Nitroaniline | ND | 10 | 3.3 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 3-Nitroaniline | ND | 10 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Nitroaniline | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Nitrobenzene | ND | 10 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2-Nitrophenol | ND | 10 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 4-Nitrophenol | ND | 10 | 1.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 10 | 0.59 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| N-Nitrosodi-n-propylamine | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Pentachlorophenol | ND | 10 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Phenanthrene | ND | 5.1 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Phenol | ND | 10 | 1.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Pyrene | ND | 5.1 | 0.64 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| Pyridine | ND | 20 | 7.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 10 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4,5-Trichlorophenol | ND | 10 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |
| 2,4,6-Trichlorophenol | ND | 10 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:04 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 40.4 | 15-110 | | 6/9/25 15:04 |
| Phenol-d6 | 30.0 | 15-110 | | 6/9/25 15:04 |
| Nitrobenzene-d5 | 69.3 | 30-130 | | 6/9/25 15:04 |
| 2-Fluorobiphenyl | 57.4 | 30-130 | | 6/9/25 15:04 |
| 2,4,6-Tribromophenol | 72.4 | 15-110 | | 6/9/25 15:04 |
| p-Terphenyl-d14 | 68.2 | 30-130 | | 6/9/25 15:04 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-030** | Sampled: 5/28/2025 09:35

**Sample ID: 25E2355-01**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.22 | 0.13 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1221 [1] | ND | 0.22 | 0.12 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1232 [1] | ND | 0.22 | 0.089 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1242 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1248 [1] | 2.2 | 0.22 | 0.096 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1254 [2] | 0.69 | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1260 [2] | 0.18 | 0.22 | 0.11 | µg/L | 1 | J | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1262 [1] | ND | 0.22 | 0.091 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |
| Aroclor-1268 [1] | ND | 0.22 | 0.099 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:18 | MEW |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 81.9 | 30-150 | | 6/9/25 19:18 |
| Decachlorobiphenyl [2] | 79.7 | 30-150 | | 6/9/25 19:18 |
| Tetrachloro-m-xylene [1] | 57.8 | 30-150 | | 6/9/25 19:18 |
| Tetrachloro-m-xylene [2] | 51.4 | 30-150 | | 6/9/25 19:18 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-05** | Sampled: 5/28/2025 11:45

**Sample ID: 25E2355-02**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 3.3 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| sec-Butylbenzene | 0.37 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| tert-Butylbenzene | 0.23 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Chlorobenzene | 15 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | UJ V-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2-Dichlorobenzene | 1.8 | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,3-Dichlorobenzene | 0.37 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,4-Dichlorobenzene | 1.0 | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-05** | Sampled: 5/28/2025 11:45

**Sample ID: 25E2355-02**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Toluene | 0.14 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:59 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 79.0 | 70-130 | | 6/3/25 16:59 |
| Toluene-d8 | 93.6 | 70-130 | | 6/3/25 16:59 |
| 4-Bromofluorobenzene | 99.8 | 70-130 | | 6/3/25 16:59 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-05** | Sampled: 5/28/2025 11:45

**Sample ID: 25E2355-02**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Atrazine | ND | 22 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzaldehyde | ND | 11 | 4.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Caprolactam | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Acenaphthene | 4.0 | 5.4 | 0.94 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Acenaphthylene | ND | 5.4 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Acetophenone | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Anthracene | ND | 5.4 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzo(a)anthracene | ND | 5.4 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzo(a)pyrene | ND | 5.4 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzo(b)fluoranthene | ND | 5.4 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzo(g,h,i)perylene | ND | 5.4 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Benzo(k)fluoranthene | ND | 5.4 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Carbazole | ND | 11 | 0.73 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Chloroaniline | ND | 11 | 4.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.82 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Chlorophenol | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Chrysene | ND | 5.4 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Dibenz(a,h)anthracene | ND | 5.4 | 0.88 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Dibenzofuran | ND | 5.4 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Dimethylphthalate | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4-Dinitrophenol | ND | 22 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Fluoranthene | ND | 5.4 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Fluorene | ND | 5.4 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Hexachlorobenzene | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-05** | Sampled: 5/28/2025 11:45

**Sample ID: 25E2355-02**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 4.8 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Hexachloroethane | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.4 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Isophorone | ND | 11 | 0.94 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 1-Methylnaphthalene | ND | 5.4 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Methylnaphthalene | ND | 5.4 | 0.97 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Methylphenol | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Naphthalene | ND | 5.4 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Nitroaniline | ND | 11 | 3.5 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 4-Nitrophenol | ND | 11 | 1.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Pentachlorophenol | ND | 11 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Phenanthrene | ND | 5.4 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Pyrene | ND | 5.4 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| Pyridine | ND | 22 | 7.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:24 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 43.0 | 15-110 | | 6/9/25 15:24 |
| Phenol-d6 | 35.6 | 15-110 | | 6/9/25 15:24 |
| Nitrobenzene-d5 | 74.7 | 30-130 | | 6/9/25 15:24 |
| 2-Fluorobiphenyl | 68.6 | 30-130 | | 6/9/25 15:24 |
| 2,4,6-Tribromophenol | 76.3 | 15-110 | | 6/9/25 15:24 |
| p-Terphenyl-d14 | 84.8 | 30-130 | | 6/9/25 15:24 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-05** | Sampled: 5/28/2025 11:45

**Sample ID: 25E2355-02**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1242 [1] | ND | 0.21 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.096 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.090 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.098 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:33 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 89.0 | 30-150 | | 6/3/25 14:33 |
| Decachlorobiphenyl [2] | 94.8 | 30-150 | | 6/3/25 14:33 |
| Tetrachloro-m-xylene [1] | 83.4 | 30-150 | | 6/3/25 14:33 |
| Tetrachloro-m-xylene [2] | 87.5 | 30-150 | | 6/3/25 14:33 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-27** | Sampled: 5/28/2025 13:45

**Sample ID: 25E2355-03**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 2.2 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Chlorobenzene | 0.30 | 1.0 | 0.12 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | UJ V-05 | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-27** | Sampled: 5/28/2025 13:45

**Sample ID: 25E2355-03**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:25 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 80.8 | 70-130 | | 6/3/25 17:25 |
| Toluene-d8 | 93.6 | 70-130 | | 6/3/25 17:25 |
| 4-Bromofluorobenzene | 99.8 | 70-130 | | 6/3/25 17:25 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-27** | Sampled: 5/28/2025 13:45

**Sample ID: 25E2355-03**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 21 | 5.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Atrazine | ND | 21 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzaldehyde | ND | 11 | 4.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Biphenyl | ND | 21 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Caprolactam | ND | 11 | 4.8 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Acenaphthene | 1.4 | 5.3 | 0.93 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Acenaphthylene | ND | 5.3 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Acetophenone | ND | 11 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Aniline | ND | 21 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Anthracene | ND | 5.3 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzo(a)anthracene | ND | 5.3 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzo(a)pyrene | ND | 5.3 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzo(b)fluoranthene | ND | 5.3 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzo(g,h,i)perylene | ND | 5.3 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Benzo(k)fluoranthene | ND | 5.3 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Carbazole | ND | 11 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Chloroaniline | ND | 11 | 4.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.81 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Chlorophenol | ND | 11 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Chrysene | ND | 5.3 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Dibenz(a,h)anthracene | ND | 5.3 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Dibenzofuran | ND | 5.3 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.73 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Dimethylphthalate | ND | 11 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 21 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4-Dinitrophenol | ND | 21 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Fluoranthene | ND | 5.3 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Fluorene | ND | 5.3 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Hexachlorobenzene | ND | 11 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-27** | Sampled: 5/28/2025 13:45

**Sample ID: 25E2355-03**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 4.7 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Hexachloroethane | ND | 11 | 5.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.3 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Isophorone | ND | 11 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 1-Methylnaphthalene | ND | 5.3 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Methylnaphthalene | ND | 5.3 | 0.96 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Methylphenol | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Naphthalene | ND | 5.3 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Nitroaniline | ND | 11 | 3.5 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 3-Nitroaniline | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Nitroaniline | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2-Nitrophenol | ND | 11 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 4-Nitrophenol | ND | 11 | 1.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.61 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Pentachlorophenol | ND | 11 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Phenanthrene | ND | 5.3 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Pyrene | ND | 5.3 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| Pyridine | ND | 21 | 7.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.64 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 15:45 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 46.5 | 15-110 | | 6/9/25 15:45 |
| Phenol-d6 | 33.3 | 15-110 | | 6/9/25 15:45 |
| Nitrobenzene-d5 | 70.6 | 30-130 | | 6/9/25 15:45 |
| 2-Fluorobiphenyl | 62.6 | 30-130 | | 6/9/25 15:45 |
| 2,4,6-Tribromophenol | 78.9 | 15-110 | | 6/9/25 15:45 |
| p-Terphenyl-d14 | 78.9 | 30-130 | | 6/9/25 15:45 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-27** | Sampled: 5/28/2025 13:45

**Sample ID: 25E2355-03**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.087 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1242 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.094 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.097 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 14:50 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 65.7 | 30-150 | | 6/3/25 14:50 |
| Decachlorobiphenyl [2] | 70.4 | 30-150 | | 6/3/25 14:50 |
| Tetrachloro-m-xylene [1] | 72.0 | 30-150 | | 6/3/25 14:50 |
| Tetrachloro-m-xylene [2] | 76.4 | 30-150 | | 6/3/25 14:50 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-21** | Sampled: 5/28/2025 15:10

**Sample ID: 25E2355-04**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1.9 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Benzene | 0.32 | 1.0 | 0.19 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| n-Butylbenzene | 0.17 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| sec-Butylbenzene | 0.21 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| tert-Butylbenzene | 0.14 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Chlorobenzene | 1.2 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Isopropylbenzene (Cumene) | 0.30 | 1.0 | 0.16 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Methyl Cyclohexane | 2.0 | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-21** | Sampled: 5/28/2025 15:10

**Sample ID: 25E2355-04**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Toluene | 0.12 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,2,4-Trimethylbenzene | 0.56 | 1.0 | 0.15 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| m+p Xylene | 0.53 | 2.0 | 0.30 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| o-Xylene | 0.21 | 1.0 | 0.16 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:57 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 107 | 70-130 | | 6/3/25 13:57 |
| Toluene-d8 | 97.5 | 70-130 | | 6/3/25 13:57 |
| 4-Bromofluorobenzene | 95.4 | 70-130 | | 6/3/25 13:57 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-21** | Sampled: 5/28/2025 15:10

**Sample ID: 25E2355-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 23 | 5.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Atrazine | ND | 23 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzaldehyde | ND | 11 | 4.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Biphenyl | ND | 23 | 1.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Caprolactam | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Acenaphthene | 4.2 | 5.7 | 0.99 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Acenaphthylene | ND | 5.7 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Acetophenone | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Aniline | ND | 23 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Anthracene | ND | 5.7 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzo(a)anthracene | ND | 5.7 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzo(a)pyrene | 0.89 | 5.7 | 0.83 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzo(b)fluoranthene | 0.76 | 5.7 | 0.70 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzo(g,h,i)perylene | ND | 5.7 | 0.97 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Benzo(k)fluoranthene | ND | 5.7 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Carbazole | ND | 11 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Chloroaniline | ND | 11 | 4.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.87 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Chlorophenol | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Chrysene | ND | 5.7 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Dibenz(a,h)anthracene | ND | 5.7 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Dibenzofuran | ND | 5.7 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 4.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Diethylphthalate | ND | 11 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Dimethylphthalate | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 23 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4-Dinitrophenol | ND | 23 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Fluoranthene | ND | 5.7 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Fluorene | 1.3 | 5.7 | 0.82 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Hexachlorobenzene | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-21** | Sampled: 5/28/2025 15:10

**Sample ID: 25E2355-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.4 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 5.1 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Hexachloroethane | ND | 11 | 5.5 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.7 | 0.94 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Isophorone | ND | 11 | 0.99 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 1-Methylnaphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Methylnaphthalene | ND | 5.7 | 1.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Methylphenol | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Naphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Nitroaniline | ND | 11 | 3.7 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 3-Nitroaniline | ND | 11 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Nitroaniline | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Nitrobenzene | ND | 11 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2-Nitrophenol | ND | 11 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Pentachlorophenol | ND | 11 | 3.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Phenanthrene | ND | 5.7 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Phenol | ND | 11 | 1.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Pyrene | 1.2 | 5.7 | 0.71 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| Pyridine | ND | 23 | 8.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:05 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 24.5 | 15-110 | | 6/9/25 16:05 |
| Phenol-d6 | 23.9 | 15-110 | | 6/9/25 16:05 |
| Nitrobenzene-d5 | 68.1 | 30-130 | | 6/9/25 16:05 |
| 2-Fluorobiphenyl | 63.0 | 30-130 | | 6/9/25 16:05 |
| 2,4,6-Tribromophenol | 43.7 | 15-110 | | 6/9/25 16:05 |
| p-Terphenyl-d14 | 77.9 | 30-130 | | 6/9/25 16:05 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-21** | Sampled: 5/28/2025 15:10

**Sample ID: 25E2355-04**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.087 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1242 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.094 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.097 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 15:07 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 70.8 | 30-150 | | 6/3/25 15:07 |
| Decachlorobiphenyl [2] | 76.9 | 30-150 | | 6/3/25 15:07 |
| Tetrachloro-m-xylene [1] | 69.9 | 30-150 | | 6/3/25 15:07 |
| Tetrachloro-m-xylene [2] | 72.5 | 30-150 | | 6/3/25 15:07 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14DUP** | Sampled: 5/29/2025 09:15

**Sample ID: 25E2355-05**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 5.9 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Chlorobenzene | 1.4 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2-Dichlorobenzene | 0.26 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14DUP** | Sampled: 5/29/2025 09:15

**Sample ID: 25E2355-05**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:24 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 101 | 70-130 | | 6/3/25 14:24 |
| Toluene-d8 | 97.9 | 70-130 | | 6/3/25 14:24 |
| 4-Bromofluorobenzene | 89.2 | 70-130 | | 6/3/25 14:24 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14DUP** | Sampled: 5/29/2025 09:15

**Sample ID: 25E2355-05**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 23 | 5.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Atrazine | ND | 23 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzaldehyde | ND | 11 | 4.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Biphenyl | ND | 23 | 1.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Caprolactam | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Acenaphthene | 2.2 | 5.7 | 0.99 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Acenaphthylene | ND | 5.7 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Acetophenone | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Aniline | ND | 23 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Anthracene | ND | 5.7 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzo(a)anthracene | ND | 5.7 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzo(a)pyrene | ND | 5.7 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzo(b)fluoranthene | ND | 5.7 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzo(g,h,i)perylene | ND | 5.7 | 0.97 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Benzo(k)fluoranthene | ND | 5.7 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Carbazole | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Chloroaniline | ND | 11 | 4.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.87 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Chlorophenol | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Chrysene | ND | 5.7 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Dibenz(a,h)anthracene | ND | 5.7 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Dibenzofuran | ND | 5.7 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 4.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Diethylphthalate | ND | 11 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Dimethylphthalate | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 23 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4-Dinitrophenol | ND | 23 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Fluoranthene | ND | 5.7 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Fluorene | 1.0 | 5.7 | 0.82 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Hexachlorobenzene | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14DUP** | Sampled: 5/29/2025 09:15

**Sample ID: 25E2355-05**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.4 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 5.1 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Hexachloroethane | ND | 11 | 5.5 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.7 | 0.94 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Isophorone | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 1-Methylnaphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Methylnaphthalene | ND | 5.7 | 1.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Methylphenol | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Naphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Nitroaniline | ND | 11 | 3.7 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 3-Nitroaniline | ND | 11 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Nitroaniline | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Nitrobenzene | ND | 11 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2-Nitrophenol | ND | 11 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Pentachlorophenol | ND | 11 | 3.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Phenanthrene | ND | 5.7 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Phenol | ND | 11 | 1.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Pyrene | ND | 5.7 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| Pyridine | ND | 23 | 8.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:26 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 47.6 | 15-110 | | 6/9/25 16:26 |
| Phenol-d6 | 35.1 | 15-110 | | 6/9/25 16:26 |
| Nitrobenzene-d5 | 69.0 | 30-130 | | 6/9/25 16:26 |
| 2-Fluorobiphenyl | 64.0 | 30-130 | | 6/9/25 16:26 |
| 2,4,6-Tribromophenol | 78.4 | 15-110 | | 6/9/25 16:26 |
| p-Terphenyl-d14 | 79.2 | 30-130 | | 6/9/25 16:26 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14DUP** | Sampled: 5/29/2025 09:15

**Sample ID: 25E2355-05**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.23 | 0.14 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1221 [1] | ND | 0.23 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1232 [1] | ND | 0.23 | 0.094 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1242 [2] | 0.17 | 0.23 | 0.11 | µg/L | 1 | J | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1248 [1] | ND | 0.23 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1254 [1] | ND | 0.23 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1260 [1] | ND | 0.23 | 0.12 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1262 [1] | ND | 0.23 | 0.096 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |
| Aroclor-1268 [1] | ND | 0.23 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:27 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 74.7 | 30-150 | | 6/3/25 16:27 |
| Decachlorobiphenyl [2] | 78.5 | 30-150 | | 6/3/25 16:27 |
| Tetrachloro-m-xylene [1] | 74.3 | 30-150 | | 6/3/25 16:27 |
| Tetrachloro-m-xylene [2] | 74.7 | 30-150 | | 6/3/25 16:27 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-38** | Sampled: 5/29/2025 10:50

**Sample ID: 25E2355-06**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 6.1 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Benzene | 14 | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| n-Butylbenzene | 0.91 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| sec-Butylbenzene | 1.3 | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| tert-Butylbenzene | 0.24 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Chlorobenzene | 5.0 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2-Dichlorobenzene | 1.1 | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,4-Dichlorobenzene | 0.63 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Isopropylbenzene (Cumene) | 6.2 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Methyl Cyclohexane | 0.85 | 1.0 | 0.17 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Naphthalene | 0.22 | 2.0 | 0.21 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| n-Propylbenzene | 0.62 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-38** | Sampled: 5/29/2025 10:50

**Sample ID: 25E2355-06**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Toluene | 0.81 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,2,4-Trimethylbenzene | 1.4 | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| m+p Xylene | 0.35 | 2.0 | 0.30 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| o-Xylene | 0.29 | 1.0 | 0.16 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 14:50 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 105 | 70-130 | | 6/3/25 14:50 |
| Toluene-d8 | 79.8 | 70-130 | | 6/3/25 14:50 |
| 4-Bromofluorobenzene | 92.1 | 70-130 | | 6/3/25 14:50 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-38** | Sampled: 5/29/2025 10:50

**Sample ID: 25E2355-06**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Atrazine | ND | 22 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzaldehyde | ND | 11 | 4.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Caprolactam | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Acenaphthene | 14 | 5.4 | 0.95 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Acenaphthylene | ND | 5.4 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Acetophenone | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Anthracene | 0.91 | 5.4 | 0.71 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzo(a)anthracene | ND | 5.4 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzo(a)pyrene | ND | 5.4 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzo(b)fluoranthene | ND | 5.4 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzo(g,h,i)perylene | ND | 5.4 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Benzo(k)fluoranthene | ND | 5.4 | 0.73 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Carbazole | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Chloroaniline | ND | 11 | 4.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.83 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Chlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Chrysene | ND | 5.4 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Dibenz(a,h)anthracene | ND | 5.4 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Dibenzofuran | 1.1 | 5.4 | 0.86 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Dimethylphthalate | ND | 11 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4-Dinitrophenol | ND | 22 | 3.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Fluoranthene | ND | 5.4 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Fluorene | 2.3 | 5.4 | 0.78 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Hexachlorobenzene | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-38** | Sampled: 5/29/2025 10:50

**Sample ID: 25E2355-06**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 4.8 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Hexachloroethane | ND | 11 | 5.3 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.4 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Isophorone | ND | 11 | 0.95 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 1-Methylnaphthalene | 2.0 | 5.4 | 1.0 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Methylnaphthalene | ND | 5.4 | 0.98 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Methylphenol | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Naphthalene | ND | 5.4 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Nitroaniline | ND | 11 | 3.5 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | 0.85 | 11 | 0.63 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Pentachlorophenol | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Phenanthrene | ND | 5.4 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Pyrene | ND | 5.4 | 0.68 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| Pyridine | ND | 22 | 7.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 16:46 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 37.9 | 15-110 | | 6/9/25 16:46 |
| Phenol-d6 | 33.9 | 15-110 | | 6/9/25 16:46 |
| Nitrobenzene-d5 | 75.9 | 30-130 | | 6/9/25 16:46 |
| 2-Fluorobiphenyl | 70.7 | 30-130 | | 6/9/25 16:46 |
| 2,4,6-Tribromophenol | 64.2 | 15-110 | | 6/9/25 16:46 |
| p-Terphenyl-d14 | 85.7 | 30-130 | | 6/9/25 16:46 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-38** | Sampled: 5/29/2025 10:50

**Sample ID: 25E2355-06**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.22 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1221 [1] | ND | 0.22 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1232 [1] | ND | 0.22 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1242 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1248 [1] | ND | 0.22 | 0.096 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1254 [1] | ND | 0.22 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1260 [1] | ND | 0.22 | 0.12 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1262 [1] | ND | 0.22 | 0.091 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |
| Aroclor-1268 [1] | ND | 0.22 | 0.099 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 16:44 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 73.6 | 30-150 | | 6/3/25 16:44 |
| Decachlorobiphenyl [2] | 78.5 | 30-150 | | 6/3/25 16:44 |
| Tetrachloro-m-xylene [1] | 69.2 | 30-150 | | 6/3/25 16:44 |
| Tetrachloro-m-xylene [2] | 71.6 | 30-150 | | 6/3/25 16:44 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14** | Sampled: 5/29/2025 09:10

**Sample ID: 25E2355-07**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 7.6 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| sec-Butylbenzene | 0.15 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Chlorobenzene | 1.5 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14** | Sampled: 5/29/2025 09:10

**Sample ID: 25E2355-07**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:17 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 103 | 70-130 | | 6/3/25 15:17 |
| Toluene-d8 | 95.7 | 70-130 | | 6/3/25 15:17 |
| 4-Bromofluorobenzene | 94.3 | 70-130 | | 6/3/25 15:17 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14** | Sampled: 5/29/2025 09:10

**Sample ID: 25E2355-07**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 23 | 5.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Atrazine | ND | 23 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzaldehyde | ND | 11 | 4.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Biphenyl | ND | 23 | 1.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Caprolactam | 5.2 | 11 | 5.2 | µg/L | 1 | L-04, J | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Acenaphthene | 2.3 | 5.7 | 1.0 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Acenaphthylene | ND | 5.7 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Acetophenone | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Aniline | ND | 23 | 15 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Anthracene | ND | 5.7 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzo(a)anthracene | ND | 5.7 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzo(a)pyrene | ND | 5.7 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzo(b)fluoranthene | ND | 5.7 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzo(g,h,i)perylene | ND | 5.7 | 0.97 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Benzo(k)fluoranthene | ND | 5.7 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Carbazole | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Chloroaniline | ND | 11 | 4.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.87 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Chlorophenol | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.97 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Chrysene | ND | 5.7 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Dibenz(a,h)anthracene | ND | 5.7 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Dibenzofuran | ND | 5.7 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 4.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Diethylphthalate | ND | 11 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Dimethylphthalate | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 23 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4-Dinitrophenol | ND | 23 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Fluoranthene | ND | 5.7 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Fluorene | 1.1 | 5.7 | 0.82 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Hexachlorobenzene | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14** | Sampled: 5/29/2025 09:10

**Sample ID: 25E2355-07**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.4 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 5.1 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Hexachloroethane | ND | 11 | 5.5 | µg/L | 1 | UJL-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.7 | 0.94 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Isophorone | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 1-Methylnaphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Methylnaphthalene | ND | 5.7 | 1.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Methylphenol | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Naphthalene | ND | 5.7 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Nitroaniline | ND | 11 | 3.7 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 3-Nitroaniline | ND | 11 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Nitroaniline | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Nitrobenzene | ND | 11 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2-Nitrophenol | ND | 11 | 3.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Pentachlorophenol | ND | 11 | 3.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Phenanthrene | ND | 5.7 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Phenol | ND | 11 | 1.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Pyrene | ND | 5.7 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| Pyridine | ND | 23 | 8.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:07 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 49.6 | 15-110 | | 6/9/25 17:07 |
| Phenol-d6 | 36.7 | 15-110 | | 6/9/25 17:07 |
| Nitrobenzene-d5 | 72.1 | 30-130 | | 6/9/25 17:07 |
| 2-Fluorobiphenyl | 66.2 | 30-130 | | 6/9/25 17:07 |
| 2,4,6-Tribromophenol | 81.6 | 15-110 | | 6/9/25 17:07 |
| p-Terphenyl-d14 | 81.7 | 30-130 | | 6/9/25 17:07 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: MW-14** | Sampled: 5/29/2025 09:10

**Sample ID: 25E2355-07**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.087 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1242 [2] | 0.43 | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.094 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.097 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:01 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 76.2 | 30-150 | | 6/3/25 17:01 |
| Decachlorobiphenyl [2] | 81.7 | 30-150 | | 6/3/25 17:01 |
| Tetrachloro-m-xylene [1] | 80.2 | 30-150 | | 6/3/25 17:01 |
| Tetrachloro-m-xylene [2] | 83.2 | 30-150 | | 6/3/25 17:01 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-34**

**Sample ID: 25E2355-08** | Start Date/Time: 5/29/2025 10:35:00AM

Sample Matrix: Ground Water | Stop Date/Time: 5/29/2025 10:40:00AM

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 2.4 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Benzene | 2.1 | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Chlorobenzene | 3.7 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | UJ V-05 | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2-Dichlorobenzene | 0.38 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,4-Dichlorobenzene | 0.28 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Ethylbenzene | 3.3 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Isopropylbenzene (Cumene) | 1.2 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Naphthalene | 19 | 2.0 | 0.21 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| n-Propylbenzene | 0.28 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-34**

**Sample ID: 25E2355-08** | Start Date/Time: 5/29/2025 10:35:00AM

Sample Matrix: Ground Water | Stop Date/Time: 5/29/2025 10:40:00AM

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Toluene | 0.14 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,2,4-Trimethylbenzene | 1.9 | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| m+p Xylene | 0.74 | 2.0 | 0.30 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| o-Xylene | 2.3 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |
| Xylenes (total) | 2.3 | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 17:51 | LBD |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 80.6 | 70-130 | | 6/3/25 17:51 |
| Toluene-d8 | 95.1 | 70-130 | | 6/3/25 17:51 |
| 4-Bromofluorobenzene | 101 | 70-130 | | 6/3/25 17:51 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-34**

**Sample ID: 25E2355-08** | Start Date/Time: 5/29/2025 10:35:00AM

Sample Matrix: Ground Water | Stop Date/Time: 5/29/2025 10:40:00AM

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 21 | 5.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Atrazine | ND | 21 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzaldehyde | ND | 10 | 4.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Biphenyl | ND | 21 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Caprolactam | ND | 10 | 4.7 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Acenaphthene | 5.9 | 5.1 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Acenaphthylene | ND | 5.1 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Acetophenone | ND | 10 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Aniline | ND | 21 | 13 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Anthracene | ND | 5.1 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzo(a)anthracene | ND | 5.1 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzo(a)pyrene | ND | 5.1 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzo(b)fluoranthene | ND | 5.1 | 0.63 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzo(g,h,i)perylene | ND | 5.1 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Benzo(k)fluoranthene | ND | 5.1 | 0.69 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Bis(2-chloroethoxy)methane | ND | 10 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Bis(2-chloroethyl)ether | ND | 10 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 10 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Bromophenylphenylether | ND | 10 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Butylbenzylphthalate | ND | 10 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Carbazole | ND | 10 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Chloroaniline | ND | 10 | 4.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Chloro-3-methylphenol | ND | 10 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Chloronaphthalene | ND | 10 | 0.78 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Chlorophenol | ND | 10 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Chlorophenylphenylether | ND | 10 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Chrysene | ND | 5.1 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Dibenz(a,h)anthracene | ND | 5.1 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Dibenzofuran | ND | 5.1 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Di-n-butylphthalate | ND | 10 | 4.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 3,3-Dichlorobenzidine | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4-Dichlorophenol | ND | 10 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Diethylphthalate | ND | 10 | 1.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4-Dimethylphenol | ND | 10 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Dimethylphthalate | ND | 10 | 0.68 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 21 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4-Dinitrophenol | ND | 21 | 3.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,6-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Di-n-octylphthalate | ND | 10 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Fluoranthene | ND | 5.1 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Fluorene | 0.90 | 5.1 | 0.74 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Hexachlorobenzene | ND | 10 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-34**

**Sample ID: 25E2355-08** | Start Date/Time: 5/29/2025 10:35:00AM

Sample Matrix: Ground Water | Stop Date/Time: 5/29/2025 10:40:00AM

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 10 | 4.9 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Hexachlorocyclopentadiene | ND | 10 | 4.6 | µg/L | 1 | UJ MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Hexachloroethane | ND | 10 | 5.0 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.1 | 0.84 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Isophorone | ND | 10 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 1-Methylnaphthalene | 3.4 | 5.1 | 0.98 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Methylnaphthalene | ND | 5.1 | 0.93 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Methylphenol | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 3/4-Methylphenol | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Naphthalene | 1.7 | 5.1 | 0.96 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Nitroaniline | ND | 10 | 3.3 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 3-Nitroaniline | ND | 10 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Nitroaniline | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Nitrobenzene | ND | 10 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2-Nitrophenol | ND | 10 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 4-Nitrophenol | ND | 10 | 1.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 10 | 0.59 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| N-Nitrosodi-n-propylamine | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Pentachlorophenol | ND | 10 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Phenanthrene | ND | 5.1 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Phenol | ND | 10 | 1.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Pyrene | ND | 5.1 | 0.64 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| Pyridine | ND | 21 | 7.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 10 | 1.1 | µg/L | 1 | UJ L-04, MS-09 | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4,5-Trichlorophenol | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |
| 2,4,6-Trichlorophenol | ND | 10 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:27 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 44.7 | 15-110 | | 6/9/25 17:27 |
| Phenol-d6 | 31.7 | 15-110 | | 6/9/25 17:27 |
| Nitrobenzene-d5 | 67.1 | 30-130 | | 6/9/25 17:27 |
| 2-Fluorobiphenyl | 62.8 | 30-130 | | 6/9/25 17:27 |
| 2,4,6-Tribromophenol | 78.8 | 15-110 | | 6/9/25 17:27 |
| p-Terphenyl-d14 | 78.0 | 30-130 | | 6/9/25 17:27 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-34**

**Sample ID: 25E2355-08** | Start Date/Time: 5/29/2025 10:35:00AM

Sample Matrix: Ground Water | Stop Date/Time: 5/29/2025 10:40:00AM

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.086 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1242 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.092 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.087 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.095 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:18 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 61.4 | 30-150 | | 6/3/25 17:18 |
| Decachlorobiphenyl [2] | 66.7 | 30-150 | | 6/3/25 17:18 |
| Tetrachloro-m-xylene [1] | 56.8 | 30-150 | | 6/3/25 17:18 |
| Tetrachloro-m-xylene [2] | 60.0 | 30-150 | | 6/3/25 17:18 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: RW-A** | Sampled: 5/29/2025 12:15

**Sample ID: 25E2355-09**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1.9 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Benzene | 32 | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Chlorobenzene | 0.61 | 1.0 | 0.12 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2-Dichlorobenzene | 0.19 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Ethylbenzene | 2.7 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Isopropylbenzene (Cumene) | 1.6 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Naphthalene | 14 | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| n-Propylbenzene | 0.47 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: RW-A** | Sampled: 5/29/2025 12:15

**Sample ID: 25E2355-09**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Toluene | 1.0 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,2,4-Trimethylbenzene | 1.0 | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| m+p Xylene | 1.1 | 2.0 | 0.30 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| o-Xylene | 2.1 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |
| Xylenes (total) | 3.2 | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 15:44 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 112 | 70-130 | | 6/3/25 15:44 |
| Toluene-d8 | 101 | 70-130 | | 6/3/25 15:44 |
| 4-Bromofluorobenzene | 98.5 | 70-130 | | 6/3/25 15:44 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: RW-A** | Sampled: 5/29/2025 12:15

**Sample ID: 25E2355-09**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Atrazine | ND | 22 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzaldehyde | ND | 11 | 4.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Caprolactam | ND | 11 | 5.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Acenaphthene | 5.9 | 5.5 | 0.95 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Acenaphthylene | ND | 5.5 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Acetophenone | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Anthracene | ND | 5.5 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzo(a)anthracene | ND | 5.5 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzo(a)pyrene | ND | 5.5 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzo(b)fluoranthene | ND | 5.5 | 0.67 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzo(g,h,i)perylene | ND | 5.5 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Benzo(k)fluoranthene | ND | 5.5 | 0.73 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Carbazole | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Chloroaniline | ND | 11 | 4.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.84 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Chlorophenol | ND | 11 | 0.88 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.93 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Chrysene | ND | 5.5 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Dibenz(a,h)anthracene | ND | 5.5 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Dibenzofuran | ND | 5.5 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Dimethylphthalate | ND | 11 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4-Dinitrophenol | ND | 22 | 3.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Fluoranthene | ND | 5.5 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Fluorene | ND | 5.5 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Hexachlorobenzene | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: RW-A** | Sampled: 5/29/2025 12:15

**Sample ID: 25E2355-09**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 4.9 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Hexachloroethane | ND | 11 | 5.3 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.5 | 0.90 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Isophorone | ND | 11 | 0.96 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 1-Methylnaphthalene | 2.6 | 5.5 | 1.0 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Methylnaphthalene | ND | 5.5 | 0.99 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Methylphenol | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Naphthalene | 2.7 | 5.5 | 1.0 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Nitroaniline | ND | 11 | 3.6 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.63 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Pentachlorophenol | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Phenanthrene | ND | 5.5 | 0.77 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Pyrene | ND | 5.5 | 0.68 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| Pyridine | ND | 22 | 7.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.88 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 17:48 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 48.6 | 15-110 | | 6/9/25 17:48 |
| Phenol-d6 | 37.9 | 15-110 | | 6/9/25 17:48 |
| Nitrobenzene-d5 | 77.5 | 30-130 | | 6/9/25 17:48 |
| 2-Fluorobiphenyl | 71.1 | 30-130 | | 6/9/25 17:48 |
| 2,4,6-Tribromophenol | 83.5 | 15-110 | | 6/9/25 17:48 |
| p-Terphenyl-d14 | 87.8 | 30-130 | | 6/9/25 17:48 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: RW-A** | Sampled: 5/29/2025 12:15

**Sample ID: 25E2355-09**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1232 [1] | ND | 0.21 | 0.088 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1242 [1] | ND | 0.21 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1248 [1] | ND | 0.21 | 0.095 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1262 [1] | ND | 0.21 | 0.089 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |
| Aroclor-1268 [1] | ND | 0.21 | 0.097 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:35 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 74.8 | 30-150 | | 6/3/25 17:35 |
| Decachlorobiphenyl [2] | 80.7 | 30-150 | | 6/3/25 17:35 |
| Tetrachloro-m-xylene [1] | 75.4 | 30-150 | | 6/3/25 17:35 |
| Tetrachloro-m-xylene [2] | 80.8 | 30-150 | | 6/3/25 17:35 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-54** | Sampled: 5/29/2025 12:30

**Sample ID: 25E2355-10**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 10 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Benzene | 33 | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| sec-Butylbenzene | 0.29 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| tert-Butylbenzene | 0.52 | 1.0 | 0.13 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Chlorobenzene | 1.4 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Ethylbenzene | 1.1 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Isopropylbenzene (Cumene) | 2.2 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Naphthalene | 20 | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| n-Propylbenzene | 0.59 | 1.0 | 0.11 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-54** | Sampled: 5/29/2025 12:30

**Sample ID: 25E2355-10**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,2,4-Trimethylbenzene | 1.5 | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| m+p Xylene | 0.53 | 2.0 | 0.30 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| o-Xylene | 1.4 | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |
| Xylenes (total) | 1.4 | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 16:11 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 104 | 70-130 | | 6/3/25 16:11 |
| Toluene-d8 | 96.4 | 70-130 | | 6/3/25 16:11 |
| 4-Bromofluorobenzene | 92.1 | 70-130 | | 6/3/25 16:11 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-54** | Sampled: 5/29/2025 12:30

**Sample ID: 25E2355-10**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.2 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Atrazine | ND | 22 | 3.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzaldehyde | ND | 11 | 4.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Caprolactam | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Acenaphthene | 5.1 | 5.4 | 0.94 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Acenaphthylene | ND | 5.4 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Acetophenone | ND | 11 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Anthracene | ND | 5.4 | 0.70 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzo(a)anthracene | ND | 5.4 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzo(a)pyrene | ND | 5.4 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzo(b)fluoranthene | ND | 5.4 | 0.66 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzo(g,h,i)perylene | ND | 5.4 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Benzo(k)fluoranthene | ND | 5.4 | 0.72 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Bis(2-chloroethyl)ether | ND | 11 | 0.91 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Bromophenylphenylether | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.86 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Carbazole | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Chloroaniline | ND | 11 | 4.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Chloronaphthalene | ND | 11 | 0.83 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Chlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Chlorophenylphenylether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Chrysene | ND | 5.4 | 0.81 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Dibenz(a,h)anthracene | ND | 5.4 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Dibenzofuran | ND | 5.4 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Di-n-butylphthalate | ND | 11 | 5.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 3,3-Dichlorobenzidine | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4-Dichlorophenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4-Dimethylphenol | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Dimethylphthalate | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4-Dinitrophenol | ND | 22 | 3.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Di-n-octylphthalate | ND | 11 | 3.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Fluoranthene | ND | 5.4 | 0.85 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Fluorene | ND | 5.4 | 0.78 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Hexachlorobenzene | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-54** | Sampled: 5/29/2025 12:30

**Sample ID: 25E2355-10**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Hexachlorocyclopentadiene | ND | 11 | 4.8 | µg/L | 1 | UJ | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Hexachloroethane | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Indeno(1,2,3-cd)pyrene | ND | 5.4 | 0.89 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Isophorone | ND | 11 | 0.95 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 1-Methylnaphthalene | 8.0 | 5.4 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Methylnaphthalene | ND | 5.4 | 0.98 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Methylphenol | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Naphthalene | 13 | 5.4 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Nitroaniline | ND | 11 | 3.5 | µg/L | 1 | V-35 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 4-Nitrophenol | ND | 11 | 1.3 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.62 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Pentachlorophenol | ND | 11 | 3.7 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Phenanthrene | ND | 5.4 | 0.76 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Pyrene | 0.82 | 5.4 | 0.68 | µg/L | 1 | J | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| Pyridine | ND | 22 | 7.8 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ L-04 | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |
| 2,4,6-Trichlorophenol | ND | 11 | 0.65 | µg/L | 1 | | SW-846 8270E | 5/31/25 | 6/9/25 18:08 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 2-Fluorophenol | 30.7 | 15-110 | | 6/9/25 18:08 |
| Phenol-d6 | 26.6 | 15-110 | | 6/9/25 18:08 |
| Nitrobenzene-d5 | 77.6 | 30-130 | | 6/9/25 18:08 |
| 2-Fluorobiphenyl | 73.3 | 30-130 | | 6/9/25 18:08 |
| 2,4,6-Tribromophenol | 55.2 | 15-110 | | 6/9/25 18:08 |
| p-Terphenyl-d14 | 88.1 | 30-130 | | 6/9/25 18:08 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: DEC-54** | Sampled: 5/29/2025 12:30

**Sample ID: 25E2355-10**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.22 | 0.13 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1221 [1] | ND | 0.22 | 0.12 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1232 [1] | ND | 0.22 | 0.090 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1242 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1248 [1] | ND | 0.22 | 0.097 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1254 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1260 [1] | ND | 0.22 | 0.12 | µg/L | 1 | B-05 | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1262 [1] | ND | 0.22 | 0.092 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |
| Aroclor-1268 [1] | ND | 0.22 | 0.10 | µg/L | 1 | | SW-846 8082A | 5/31/25 | 6/3/25 17:52 | SFM |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 81.4 | 30-150 | | 6/3/25 17:52 |
| Decachlorobiphenyl [2] | 87.6 | 30-150 | | 6/3/25 17:52 |
| Tetrachloro-m-xylene [1] | 72.6 | 30-150 | | 6/3/25 17:52 |
| Tetrachloro-m-xylene [2] | 77.1 | 30-150 | | 6/3/25 17:52 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: TB20250527** | Sampled: 5/27/2025 00:00

**Sample ID: 25E2355-11**

Sample Matrix: Trip Blank Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1.9 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Chlorobenzene | ND | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | R-05 | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2355

Date Received: 5/30/2025

**Field Sample #: TB20250527** | Sampled: 5/27/2025 00:00

**Sample ID: 25E2355-11**

Sample Matrix: Trip Blank Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/3/25 13:03 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 102 | 70-130 | | 6/3/25 13:03 |
| Toluene-d8 | 98.9 | 70-130 | | 6/3/25 13:03 |
| 4-Bromofluorobenzene | 85.2 | 70-130 | | 6/3/25 13:03 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 4.7 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Chlorobenzene | 2.6 | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,4-Dichlorobenzene | 1.4 | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Naphthalene | 1.0 | 2.0 | 0.21 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Toluene | 1.3 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:23 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98.2 | 70-130 | | 6/5/25 1:23 |
| Toluene-d8 | 98.2 | 70-130 | | 6/5/25 1:23 |
| 4-Bromofluorobenzene | 90.4 | 70-130 | | 6/5/25 1:23 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 21 | 5.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,3,4,6-Tetrachlorophenol~~ | ~~ND~~ | ~~22~~ | ~~5.2~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Atrazine | ND | 21 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Atrazine~~ | ~~ND~~ | ~~22~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzaldehyde | ND | 10 | 4.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzaldehyde~~ | ~~ND~~ | ~~11~~ | ~~4.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Biphenyl | ND | 21 | 1.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Biphenyl~~ | ~~ND~~ | ~~22~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Caprolactam | ND | 10 | 4.7 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Caprolactam~~ | ~~ND~~ | ~~11~~ | ~~4.9~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Acenaphthene | ND | 5.1 | 0.90 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Acenaphthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.94~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Acenaphthylene | ND | 5.1 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Acenaphthylene~~ | ~~ND~~ | ~~5.4~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Acetophenone | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Acetophenone~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Aniline | ND | 21 | 13 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Aniline~~ | ~~ND~~ | ~~22~~ | ~~14~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Anthracene | ND | 5.1 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Anthracene~~ | ~~ND~~ | ~~5.4~~ | ~~0.70~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzo(a)anthracene | ND | 5.1 | 0.63 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzo(a)anthracene~~ | ~~ND~~ | ~~5.4~~ | ~~0.65~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzo(a)pyrene | ND | 5.1 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzo(a)pyrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzo(b)fluoranthene | ND | 5.1 | 0.63 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzo(b)fluoranthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.66~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzo(g,h,i)perylene | ND | 5.1 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzo(g,h,i)perylene~~ | ~~ND~~ | ~~5.4~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Benzo(k)fluoranthene | ND | 5.1 | 0.69 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Benzo(k)fluoranthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.72~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Bis(2-chloroethoxy)methane | ND | 10 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Bis(2-chloroethoxy)methane~~ | ~~ND~~ | ~~11~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Bis(2-chloroethyl)ether | ND | 10 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Bis(2-chloroethyl)ether~~ | ~~ND~~ | ~~11~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2,2'-oxybis(1-Chloropropane) | ND | 10 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,2'-oxybis(1-Chloropropane)~~ | ~~ND~~ | ~~11~~ | ~~0.70~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Bis(2-Ethylhexyl)phthalate | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Bis(2-Ethylhexyl)phthalate~~ | ~~ND~~ | ~~11~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 4-Bromophenylphenylether | ND | 10 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Bromophenylphenylether~~ | ~~ND~~ | ~~11~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Butylbenzylphthalate | ND | 10 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Butylbenzylphthalate~~ | ~~ND~~ | ~~11~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Carbazole | ND | 10 | 0.70 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Carbazole~~ | ~~ND~~ | ~~11~~ | ~~0.73~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chloroaniline | ND | 10 | 4.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Chloroaniline ND 11 4.5 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 4-Chloro-3-methylphenol | ND | 10 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Chloro-3-methylphenol ND 11 2.7 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2-Chloronaphthalene | ND | 10 | 0.79 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Chloronaphthalene ND 11 0.82 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2-Chlorophenol | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Chlorophenol ND 11 0.86 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 4-Chlorophenylphenylether | ND | 10 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Chlorophenylphenylether ND 11 0.91 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Chrysene | ND | 5.1 | 0.77 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Chrysene ND 5.4 0.81 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Dibenz(a,h)anthracene | ND | 5.1 | 0.84 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Dibenz(a,h)anthracene ND 5.4 0.88 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Dibenzofuran | ND | 5.1 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Dibenzofuran ND 5.4 0.85 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Di-n-butylphthalate | ND | 10 | 4.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Di-n-butylphthalate ND 11 5.1 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 3,3-Dichlorobenzidine | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~3,3-Dichlorobenzidine ND 11 3.7 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2,4-Dichlorophenol | ND | 10 | 2.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4-Dichlorophenol ND 11 2.4 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Diethylphthalate | ND | 10 | 1.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Diethylphthalate ND 11 1.8 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2,4-Dimethylphenol | ND | 10 | 0.71 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4-Dimethylphenol ND 11 0.74 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Dimethylphthalate | ND | 10 | 0.68 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Dimethylphthalate ND 11 0.71 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 4,6-Dinitro-2-methylphenol | ND | 21 | 2.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4,6-Dinitro-2-methylphenol ND 22 2.9 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2,4-Dinitrophenol | ND | 21 | 3.4 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4-Dinitrophenol ND 22 3.5 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2,4-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4-Dinitrotoluene ND 11 2.0 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| 2,6-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,6-Dinitrotoluene ND 11 1.9 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Di-n-octylphthalate | ND | 10 | 3.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Di-n-octylphthalate ND 11 3.3 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Fluoranthene | ND | 5.1 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Fluoranthene ND 5.4 0.85 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Fluorene | ND | 5.1 | 0.74 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Fluorene ND 5.4 0.77 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |
| Hexachlorobenzene | ND | 10 | 0.78 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Hexachlorobenzene ND 11 0.81 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:27 BGL~~ | | | | | | | | | | |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 10 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Hexachlorobutadiene~~ | ~~ND~~ | ~~11~~ | ~~5.1~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Hexachlorocyclopentadiene | ND | 10 | 4.6 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Hexachlorocyclopentadiene~~ | ~~ND~~ | ~~11~~ | ~~4.8~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Hexachloroethane | ND | 10 | 5.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Hexachloroethane~~ | ~~ND~~ | ~~11~~ | ~~5.2~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Indeno(1,2,3-cd)pyrene | ND | 5.1 | 0.85 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Indeno(1,2,3-cd)pyrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.88~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Isophorone | ND | 10 | 0.90 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Isophorone~~ | ~~ND~~ | ~~11~~ | ~~0.94~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 1-Methylnaphthalene | ND | 5.1 | 0.99 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~1-Methylnaphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2-Methylnaphthalene | ND | 5.1 | 0.93 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Methylnaphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~0.97~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2-Methylphenol | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 3/4-Methylphenol | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~3/4-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Naphthalene | ND | 5.1 | 0.96 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Naphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2-Nitroaniline | ND | 10 | 3.4 | µg/L | 1 | V-35 | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~3.5~~ | ~~µg/L~~ | ~~1~~ | ~~V-35~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 3-Nitroaniline | ND | 10 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~3-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.8~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 4-Nitroaniline | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Nitrobenzene | ND | 10 | 0.97 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Nitrobenzene~~ | ~~ND~~ | ~~11~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2-Nitrophenol | ND | 10 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 4-Nitrophenol | ND | 10 | 1.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~4-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~1.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 10 | 0.59 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~N-Nitrosodiphenylamine/Diphenylamine~~ | ~~ND~~ | ~~11~~ | ~~0.62~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| N-Nitrosodi-n-propylamine | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~N-Nitrosodi-n-propylamine~~ | ~~ND~~ | ~~11~~ | ~~2.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Pentachlorophenol | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Pentachlorophenol~~ | ~~ND~~ | ~~11~~ | ~~3.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Phenanthrene | ND | 5.1 | 0.72 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Phenanthrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Phenol | ND | 10 | 1.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Phenol~~ | ~~ND~~ | ~~11~~ | ~~1.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Pyrene | ND | 5.1 | 0.64 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~Pyrene~~ | ~~ND 5.4~~ | ~~0.67~~ | | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| Pyridine | ND | 21 | 7.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~Pyridine~~ | ~~ND 22~~ | ~~7.8~~ | | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 1,2,4,5-Tetrachlorobenzene | ND | 10 | 1.1 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~1,2,4,5-Tetrachlorobenzene~~ | ~~ND~~ | ~~11~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2,4,5-Trichlorophenol | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4,5-Trichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |
| 2,4,6-Trichlorophenol | ND | 10 | 0.62 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 8:57 | BGL |
| ~~2,4,6-Trichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.65~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:27~~ | ~~BGL~~ |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | | |
|---|---|---|---|---|---|
| 2-Fluorophenol | 43.9 | 15-110 | | 6/10/25 | 8:57 |
| ~~2-Fluorophenol 49.4 15-110 6/12/25 15:27~~ | | | | | |
| Phenol-d6 | 32.3 | 15-110 | | 6/10/25 | 8:57 |
| ~~Phenol-d6 34.4 15-110 6/12/25 15:27~~ | | | | | |
| Nitrobenzene-d5 | 60.6 | 30-130 | | 6/10/25 | 8:57 |
| ~~Nitrobenzene-d5 69.1 30-130 6/12/25 15:27~~ | | | | | |
| 2-Fluorobiphenyl | 44.6 | 30-130 | | 6/10/25 | 8:57 |
| ~~2-Fluorobiphenyl 61.7 30-130 6/12/25 15:27~~ | | | | | |
| 2,4,6-Tribromophenol | 78.5 | 15-110 | | 6/10/25 | 8:57 |
| ~~2,4,6-Tribromophenol 93.1 15-110 6/12/25 15:27~~ | | | | | |
| p-Terphenyl-d14 | 88.5 | 30-130 | | 6/10/25 | 8:57 |
| ~~p-Terphenyl-d14 90.3 30-130 6/12/25 15:27~~ | | | | | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-47** | Sampled: 5/29/2025 15:05

**Sample ID: 25E2450-01**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.22 | 0.14 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1221 [1] | ND | 0.22 | 0.13 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1232 [1] | ND | 0.22 | 0.092 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1242 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1248 [1] | ND | 0.22 | 0.10 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1254 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1260 [2] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1262 [1] | ND | 0.22 | 0.094 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |
| Aroclor-1268 [1] | ND | 0.22 | 0.10 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:35 | MEW |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 68.3 | 30-150 | | 6/9/25 19:35 |
| Decachlorobiphenyl [2] | 67.7 | 30-150 | | 6/9/25 19:35 |
| Tetrachloro-m-xylene [1] | 66.9 | 30-150 | | 6/9/25 19:35 |
| Tetrachloro-m-xylene [2] | 59.8 | 30-150 | | 6/9/25 19:35 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 4.8 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Benzene | 0.28 | 1.0 | 0.19 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Chlorobenzene | ND | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 1:50 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99.0 | 70-130 | | 6/5/25 1:50 |
| Toluene-d8 | 101 | 70-130 | | 6/5/25 1:50 |
| 4-Bromofluorobenzene | 94.4 | 70-130 | | 6/5/25 1:50 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~2,3,4,6-Tetrachlorophenol~~ | ~~ND~~ | ~~21~~ | ~~5.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Atrazine~~ | ~~ND~~ | ~~21~~ | ~~2.9~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Atrazine | ND | 22 | 3.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Benzaldehyde~~ | ~~ND~~ | ~~10~~ | ~~4.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Benzaldehyde | ND | 11 | 4.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Biphenyl~~ | ~~ND~~ | ~~21~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Caprolactam | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Caprolactam~~ | ~~ND~~ | ~~10~~ | ~~4.7~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| ~~Acenaphthene~~ | ~~ND~~ | ~~5.2~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Acenaphthene | ND | 5.5 | 0.95 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Acenaphthylene~~ | ~~ND~~ | ~~5.2~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Acenaphthylene | ND | 5.5 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Acetophenone~~ | ~~ND~~ | ~~10~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Acetophenone | ND | 11 | 0.79 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Aniline~~ | ~~ND~~ | ~~21~~ | ~~13~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Anthracene~~ | ~~ND~~ | ~~5.2~~ | ~~0.68~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Anthracene | ND | 5.5 | 0.71 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Benzo(a)anthracene~~ | ~~ND~~ | ~~5.2~~ | ~~0.63~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Benzo(a)anthracene | ND | 5.5 | 0.66 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Benzo(a)pyrene~~ | ~~ND~~ | ~~5.2~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Benzo(a)pyrene | ND | 5.5 | 0.79 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Benzo(b)fluoranthene | ND | 5.5 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Benzo(b)fluoranthene~~ | ~~ND~~ | ~~5.2~~ | ~~0.64~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Benzo(g,h,i)perylene | ND | 5.5 | 0.93 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Benzo(g,h,i)perylene~~ | ~~ND~~ | ~~5.2~~ | ~~0.89~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| ~~Benzo(k)fluoranthene~~ | ~~ND~~ | ~~5.2~~ | ~~0.70~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Benzo(k)fluoranthene | ND | 5.5 | 0.73 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Bis(2-chloroethoxy)methane~~ | ~~ND~~ | ~~10~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Bis(2-chloroethyl)ether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Bis(2-chloroethyl)ether~~ | ~~ND~~ | ~~10~~ | ~~0.88~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| ~~2,2'-oxybis(1-Chloropropane)~~ | ~~ND~~ | ~~10~~ | ~~0.68~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.71 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Bis(2-Ethylhexyl)phthalate~~ | ~~ND~~ | ~~10~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| ~~4-Bromophenylphenylether~~ | ~~ND~~ | ~~10~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| 4-Bromophenylphenylether | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Butylbenzylphthalate | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Butylbenzylphthalate~~ | ~~ND~~ | ~~10~~ | ~~0.83~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |
| Carbazole | ND | 11 | 0.74 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Carbazole~~ | ~~ND~~ | ~~10~~ | ~~0.71~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ | ~~BGL~~ |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~4-Chloroaniline~~ | ~~ND~~ | ~~10~~ | ~~4.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 4-Chloroaniline | ND | 11 | 4.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~4-Chloro-3-methylphenol~~ | ~~ND~~ | ~~10~~ | ~~2.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Chloronaphthalene~~ | ~~ND~~ | ~~10~~ | ~~0.80~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2-Chloronaphthalene | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Chlorophenol~~ | ~~ND~~ | ~~10~~ | ~~0.84~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2-Chlorophenol | ND | 11 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~4-Chlorophenylphenylether~~ | ~~ND~~ | ~~10~~ | ~~0.88~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 4-Chlorophenylphenylether | ND | 11 | 0.92 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Chrysene~~ | ~~ND~~ | ~~5.2~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Chrysene | ND | 5.5 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Dibenz(a,h)anthracene~~ | ~~ND~~ | ~~5.2~~ | ~~0.85~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Dibenz(a,h)anthracene | ND | 5.5 | 0.89 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Dibenzofuran~~ | ~~ND~~ | ~~5.2~~ | ~~0.82~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Dibenzofuran | ND | 5.5 | 0.86 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Di-n-butylphthalate~~ | ~~ND~~ | ~~10~~ | ~~4.9~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Di-n-butylphthalate | ND | 11 | 5.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~3,3-Dichlorobenzidine~~ | ~~ND~~ | ~~10~~ | ~~3.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 3,3-Dichlorobenzidine | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2,4-Dichlorophenol~~ | ~~ND~~ | ~~10~~ | ~~2.4~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2,4-Dichlorophenol | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| Diethylphthalate | ND | 11 | 1.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Diethylphthalate~~ | ~~ND~~ | ~~10~~ | ~~1.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| ~~2,4-Dimethylphenol~~ | ~~ND~~ | ~~10~~ | ~~0.72~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2,4-Dimethylphenol | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Dimethylphthalate~~ | ~~ND~~ | ~~10~~ | ~~0.69~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Dimethylphthalate | ND | 11 | 0.72 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~4,6-Dinitro-2-methylphenol~~ | ~~ND~~ | ~~21~~ | ~~2.8~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2,4-Dinitrophenol~~ | ~~ND~~ | ~~21~~ | ~~3.4~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2,4-Dinitrophenol | ND | 22 | 3.6 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2,4-Dinitrotoluene~~ | ~~ND~~ | ~~10~~ | ~~1.9~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2,4-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2,6-Dinitrotoluene~~ | ~~ND~~ | ~~10~~ | ~~1.9~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Di-n-octylphthalate~~ | ~~ND~~ | ~~10~~ | ~~3.2~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Di-n-octylphthalate | ND | 11 | 3.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Fluoranthene~~ | ~~ND~~ | ~~5.2~~ | ~~0.82~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Fluoranthene | ND | 5.5 | 0.86 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Fluorene~~ | ~~ND~~ | ~~5.2~~ | ~~0.75~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Fluorene | ND | 5.5 | 0.78 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Hexachlorobenzene~~ | ~~ND~~ | ~~10~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~15:47~~ ~~BGL~~ |
| Hexachlorobenzene | ND | 11 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~Hexachlorobutadiene~~ | ~~ND~~ | ~~10~~ | ~~4.9~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ |
| Hexachlorobutadiene | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Hexachlorocyclopentadiene~~ | ~~ND~~ | ~~10~~ | ~~4.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Hexachlorocyclopentadiene | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Hexachloroethane~~ | ~~ND~~ | ~~10~~ | ~~5.0~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ |
| Hexachloroethane | ND | 11 | 5.3 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Indeno(1,2,3-cd)pyrene~~ | ~~ND~~ | ~~5.2~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Indeno(1,2,3-cd)pyrene | ND | 5.5 | 0.90 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Isophorone~~ | ~~ND~~ | ~~10~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Isophorone | ND | 11 | 0.95 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~1-Methylnaphthalene~~ | ~~ND~~ | ~~5.2~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 1-Methylnaphthalene | ND | 5.5 | 1.0 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Methylnaphthalene~~ | ~~ND~~ | ~~5.2~~ | ~~0.94~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 2-Methylnaphthalene | ND | 5.5 | 0.98 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Methylphenol~~ | ~~ND~~ | ~~10~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 2-Methylphenol | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~3/4-Methylphenol~~ | ~~ND~~ | ~~10~~ | ~~2.2~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 3/4-Methylphenol | ND | 11 | 2.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Naphthalene~~ | ~~ND~~ | ~~5.2~~ | ~~0.98~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Naphthalene | ND | 5.5 | 1.0 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Nitroaniline~~ | ~~ND~~ | ~~10~~ | ~~3.4~~ | ~~µg/L~~ | ~~1~~ | ~~V-35~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ |
| 2-Nitroaniline | ND | 11 | 3.6 | µg/L | 1 | V-35 | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~3-Nitroaniline~~ | ~~ND~~ | ~~10~~ | ~~2.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~4-Nitroaniline~~ | ~~ND~~ | ~~10~~ | ~~2.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Nitrobenzene~~ | ~~ND~~ | ~~10~~ | ~~0.98~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2-Nitrophenol~~ | ~~ND~~ | ~~10~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~4-Nitrophenol~~ | ~~ND~~ | ~~10~~ | ~~1.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~N-Nitrosodiphenylamine/Diphenylamine~~ | ~~ND~~ | ~~10~~ | ~~0.60~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.63 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~N-Nitrosodi-n-propylamine~~ | ~~ND~~ | ~~10~~ | ~~2.4~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Pentachlorophenol~~ | ~~ND~~ | ~~10~~ | ~~3.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Pentachlorophenol | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Phenanthrene~~ | ~~ND~~ | ~~5.2~~ | ~~0.73~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Phenanthrene | ND | 5.5 | 0.77 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Phenol~~ | ~~ND~~ | ~~10~~ | ~~1.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |
| Phenol | ND | 11 | 1.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Pyrene~~ | ~~ND~~ | ~~5.2~~ | ~~0.65~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 15:47~~ | ~~BGL~~ | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Pyrene | ND | 5.5 | 0.68 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~Pyridine ND 21 7.5 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:47 BGL~~ | | | | | | | | | | |
| Pyridine | ND | 22 | 7.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~1,2,4,5-Tetrachlorobenzene ND 10 1.1 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:47 BGL~~ | | | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| 2,4,5-Trichlorophenol | ND | 11 | 0.88 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |
| ~~2,4,5-Trichlorophenol ND 10 0.84 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:47 BGL~~ | | | | | | | | | | |
| ~~2,4,6-Trichlorophenol ND 10 0.63 µg/L 1 SW-846 8270E 6/11/25 6/12/25 15:47 BGL~~ | | | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 11 | 0.66 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:17 | BGL |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | | |
|---|---|---|---|---|---|
| ~~2-Fluorophenol 53.0 15-110 6/12/25 15:47~~ | | | | | |
| 2-Fluorophenol | 42.6 | 15-110 | | 6/10/25 | 9:17 |
| ~~Phenol-d6 37.2 15-110 6/12/25 15:47~~ | | | | | |
| Phenol-d6 | 34.5 | 15-110 | | 6/10/25 | 9:17 |
| ~~Nitrobenzene-d5 73.5 30-130 6/12/25 15:47~~ | | | | | |
| Nitrobenzene-d5 | 55.6 | 30-130 | | 6/10/25 | 9:17 |
| ~~2-Fluorobiphenyl 67.2 30-130 6/12/25 15:47~~ | | | | | |
| 2-Fluorobiphenyl | 35.5 | 30-130 | | 6/10/25 | 9:17 |
| ~~2,4,6-Tribromophenol 95.1 15-110 6/12/25 15:47~~ | | | | | |
| 2,4,6-Tribromophenol | 71.7 | 15-110 | | 6/10/25 | 9:17 |
| ~~p-Terphenyl-d14 95.5 30-130 6/12/25 15:47~~ | | | | | |
| p-Terphenyl-d14 | 83.3 | 30-130 | | 6/10/25 | 9:17 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-024** | Sampled: 5/29/2025 14:45

**Sample ID: 25E2450-02**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1232 [1] | ND | 0.21 | 0.087 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1242 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1248 [1] | ND | 0.21 | 0.093 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1254 [1] | 0.11 | 0.21 | 0.10 | µg/L | 1 | J, P-02 | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1260 [2] | 0.17 | 0.21 | 0.10 | µg/L | 1 | J | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1262 [1] | ND | 0.21 | 0.088 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |
| Aroclor-1268 [1] | ND | 0.21 | 0.096 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 19:52 | MEW |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 79.6 | 30-150 | | 6/9/25 19:52 |
| Decachlorobiphenyl [2] | 77.8 | 30-150 | | 6/9/25 19:52 |
| Tetrachloro-m-xylene [1] | 64.2 | 30-150 | | 6/9/25 19:52 |
| Tetrachloro-m-xylene [2] | 57.0 | 30-150 | | 6/9/25 19:52 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 4.3 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Chlorobenzene | ND | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| cis-1,2-Dichloroethylene | 0.31 | 1.0 | 0.19 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:16 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 98.5 | 70-130 | | 6/5/25 2:16 |
| Toluene-d8 | 97.7 | 70-130 | | 6/5/25 2:16 |
| 4-Bromofluorobenzene | 93.4 | 70-130 | | 6/5/25 2:16 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 22 | 5.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,3,4,6-Tetrachlorophenol~~ | ~~ND~~ | ~~21~~ | ~~5.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Atrazine | ND | 22 | 3.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Atrazine~~ | ~~ND~~ | ~~21~~ | ~~2.9~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzaldehyde | ND | 11 | 4.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzaldehyde~~ | ~~ND~~ | ~~11~~ | ~~4.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Biphenyl | ND | 22 | 1.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Biphenyl~~ | ~~ND~~ | ~~21~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Caprolactam | ND | 11 | 5.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Caprolactam~~ | ~~ND~~ | ~~11~~ | ~~4.8~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846~~ ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Acenaphthene | ND | 5.5 | 0.97 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Acenaphthene~~ | ~~ND~~ | ~~5.3~~ | ~~0.92~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Acenaphthylene | ND | 5.5 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Acenaphthylene~~ | ~~ND~~ | ~~5.3~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Acetophenone | ND | 11 | 0.80 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Acetophenone~~ | ~~ND~~ | ~~11~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Aniline | ND | 22 | 14 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Aniline~~ | ~~ND~~ | ~~21~~ | ~~13~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Anthracene | ND | 5.5 | 0.72 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Anthracene~~ | ~~ND~~ | ~~5.3~~ | ~~0.68~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzo(a)anthracene | ND | 5.5 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzo(a)anthracene~~ | ~~ND~~ | ~~5.3~~ | ~~0.64~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzo(a)pyrene | ND | 5.5 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzo(a)pyrene~~ | ~~ND~~ | ~~5.3~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzo(b)fluoranthene | ND | 5.5 | 0.68 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzo(b)fluoranthene~~ | ~~ND~~ | ~~5.3~~ | ~~0.64~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzo(g,h,i)perylene | ND | 5.5 | 0.94 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzo(g,h,i)perylene~~ | ~~ND~~ | ~~5.3~~ | ~~0.89~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Benzo(k)fluoranthene | ND | 5.5 | 0.74 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Benzo(k)fluoranthene~~ | ~~ND~~ | ~~5.3~~ | ~~0.71~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Bis(2-chloroethoxy)methane | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Bis(2-chloroethoxy)methane~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Bis(2-chloroethyl)ether | ND | 11 | 0.94 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Bis(2-chloroethyl)ether~~ | ~~ND~~ | ~~11~~ | ~~0.89~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,2'-oxybis(1-Chloropropane) | ND | 11 | 0.72 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,2'-oxybis(1-Chloropropane)~~ | ~~ND~~ | ~~11~~ | ~~0.69~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Bis(2-Ethylhexyl)phthalate | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Bis(2-Ethylhexyl)phthalate~~ | ~~ND~~ | ~~11~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4-Bromophenylphenylether | ND | 11 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Bromophenylphenylether~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Butylbenzylphthalate | ND | 11 | 0.88 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Butylbenzylphthalate~~ | ~~ND~~ | ~~11~~ | ~~0.84~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Carbazole | ND | 11 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Carbazole~~ | ~~ND~~ | ~~11~~ | ~~0.72~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chloroaniline | ND | 11 | 4.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Chloroaniline~~ | ~~ND~~ | ~~11~~ | ~~4.4~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4-Chloro-3-methylphenol | ND | 11 | 2.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Chloro-3-methylphenol~~ | ~~ND~~ | ~~11~~ | ~~2.6~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Chloronaphthalene | ND | 11 | 0.85 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Chloronaphthalene~~ | ~~ND~~ | ~~11~~ | ~~0.80~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Chlorophenol | ND | 11 | 0.89 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Chlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.84~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4-Chlorophenylphenylether | ND | 11 | 0.94 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Chlorophenylphenylether~~ | ~~ND~~ | ~~11~~ | ~~0.89~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Chrysene | ND | 5.5 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Chrysene~~ | ~~ND~~ | ~~5.3~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Dibenz(a,h)anthracene | ND | 5.5 | 0.91 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Dibenz(a,h)anthracene~~ | ~~ND~~ | ~~5.3~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Dibenzofuran | ND | 5.5 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Dibenzofuran~~ | ~~ND~~ | ~~5.3~~ | ~~0.83~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Di-n-butylphthalate | ND | 11 | 5.2 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Di-n-butylphthalate~~ | ~~ND~~ | ~~11~~ | ~~5.0~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 3,3-Dichlorobenzidine | ND | 11 | 3.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~3,3-Dichlorobenzidine~~ | ~~ND~~ | ~~11~~ | ~~3.7~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,4-Dichlorophenol | ND | 11 | 2.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4-Dichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~2.4~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Diethylphthalate | ND | 11 | 1.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Diethylphthalate~~ | ~~ND~~ | ~~11~~ | ~~1.8~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,4-Dimethylphenol | ND | 11 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4-Dimethylphenol~~ | ~~ND~~ | ~~11~~ | ~~0.72~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Dimethylphthalate | ND | 11 | 0.73 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Dimethylphthalate~~ | ~~ND~~ | ~~11~~ | ~~0.69~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4,6-Dinitro-2-methylphenol | ND | 22 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4,6-Dinitro-2-methylphenol~~ | ~~ND~~ | ~~21~~ | ~~2.8~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,4-Dinitrophenol | ND | 22 | 3.6 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4-Dinitrophenol~~ | ~~ND~~ | ~~21~~ | ~~3.5~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,4-Dinitrotoluene | ND | 11 | 2.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4-Dinitrotoluene~~ | ~~ND~~ | ~~11~~ | ~~2.0~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2,6-Dinitrotoluene | ND | 11 | 2.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,6-Dinitrotoluene~~ | ~~ND~~ | ~~11~~ | ~~1.9~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Di-n-octylphthalate | ND | 11 | 3.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Di-n-octylphthalate~~ | ~~ND~~ | ~~11~~ | ~~3.2~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Fluoranthene | ND | 5.5 | 0.87 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Fluoranthene~~ | ~~ND~~ | ~~5.3~~ | ~~0.83~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Fluorene | ND | 5.5 | 0.80 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Fluorene~~ | ~~ND~~ | ~~5.3~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| ~~Hexachlorobenzene~~ | ~~ND~~ | ~~11~~ | ~~0.80~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Hexachlorobenzene | ND | 11 | 0.84 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Hexachlorobutadiene | ND | 11 | 5.2 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Hexachlorobutadiene~~ | ~~ND~~ | ~~11~~ | ~~5.0~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Hexachlorocyclopentadiene | ND | 11 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Hexachlorocyclopentadiene~~ | ~~ND~~ | ~~11~~ | ~~4.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Hexachloroethane | ND | 11 | 5.4 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Hexachloroethane~~ | ~~ND~~ | ~~11~~ | ~~5.1~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Indeno(1,2,3-cd)pyrene | ND | 5.5 | 0.91 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Indeno(1,2,3-cd)pyrene~~ | ~~ND~~ | ~~5.3~~ | ~~0.87~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Isophorone | ND | 11 | 0.97 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Isophorone~~ | ~~ND~~ | ~~11~~ | ~~0.92~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 1-Methylnaphthalene | ND | 5.5 | 1.1 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~1-Methylnaphthalene~~ | ~~ND~~ | ~~5.3~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Methylnaphthalene | ND | 5.5 | 1.0 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Methylnaphthalene~~ | ~~ND~~ | ~~5.3~~ | ~~0.95~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Methylphenol | ND | 11 | 0.81 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 3/4-Methylphenol | ND | 11 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~3/4-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~2.2~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Naphthalene | ND | 5.5 | 1.0 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Naphthalene~~ | ~~ND~~ | ~~5.3~~ | ~~0.99~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Nitroaniline | ND | 11 | 3.6 | µg/L | 1 | V-35 | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~3.4~~ | ~~µg/L~~ | ~~1~~ | ~~V-35~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 3-Nitroaniline | ND | 11 | 2.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~3-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4-Nitroaniline | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Nitrobenzene | ND | 11 | 1.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Nitrobenzene~~ | ~~ND~~ | ~~11~~ | ~~0.99~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 2-Nitrophenol | ND | 11 | 3.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| 4-Nitrophenol | ND | 11 | 1.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~4-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~1.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 11 | 0.64 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~N-Nitrosodiphenylamine/Diphenylamine~~ | ~~ND~~ | ~~11~~ | ~~0.61~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| N-Nitrosodi-n-propylamine | ND | 11 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~N-Nitrosodi-n-propylamine~~ | ~~ND~~ | ~~11~~ | ~~2.4~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Pentachlorophenol | ND | 11 | 3.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Pentachlorophenol~~ | ~~ND~~ | ~~11~~ | ~~3.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Phenanthrene | ND | 5.5 | 0.78 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Phenanthrene~~ | ~~ND~~ | ~~5.3~~ | ~~0.74~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Phenol | ND | 11 | 1.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Phenol~~ | ~~ND~~ | ~~11~~ | ~~1.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:08~~ | ~~BGL~~ |
| Pyrene | ND | 5.5 | 0.69 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

Sample Flags: H-06

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~Pyrene~~ | ~~ND~~ | ~~5.3~~ | ~~0.66~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:08~~ | ~~BGL~~ |
| Pyridine | ND | 22 | 8.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~Pyridine~~ | ~~ND~~ | ~~21~~ | ~~7.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:08~~ | ~~BGL~~ |
| 1,2,4,5-Tetrachlorobenzene | ND | 11 | 1.1 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~1,2,4,5-Tetrachlorobenzene~~ | ~~ND~~ | ~~11~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:08~~ | ~~BGL~~ |
| 2,4,5-Trichlorophenol | ND | 11 | 0.89 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4,5-Trichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.85~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:08~~ | ~~BGL~~ |
| 2,4,6-Trichlorophenol | ND | 11 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:38 | BGL |
| ~~2,4,6-Trichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.64~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:08~~ | ~~BGL~~ |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | | |
|---|---|---|---|---|---|
| 2-Fluorophenol | 53.7 | 15-110 | | 6/10/25 | 9:38 |
| ~~2-Fluorophenol 45.3 15-110 6/12/25 16:08~~ | | | | | |
| Phenol-d6 | 40.3 | 15-110 | | 6/10/25 | 9:38 |
| ~~Phenol-d6 32.2 15-110 6/12/25 16:08~~ | | | | | |
| Nitrobenzene-d5 | 66.2 | 30-130 | | 6/10/25 | 9:38 |
| ~~Nitrobenzene-d5 63.8 30-130 6/12/25 16:08~~ | | | | | |
| 2-Fluorobiphenyl | 48.6 | 30-130 | | 6/10/25 | 9:38 |
| ~~2-Fluorobiphenyl 57.0 30-130 6/12/25 16:08~~ | | | | | |
| 2,4,6-Tribromophenol | 80.8 | 15-110 | | 6/10/25 | 9:38 |
| ~~2,4,6-Tribromophenol 84.2 15-110 6/12/25 16:08~~ | | | | | |
| p-Terphenyl-d14 | 86.3 | 30-130 | | 6/10/25 | 9:38 |
| ~~p-Terphenyl-d14 85.5 30-130 6/12/25 16:08~~ | | | | | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-42** | Sampled: 5/30/2025 08:45

**Sample ID: 25E2450-03**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.22 | 0.13 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1221 [1] | ND | 0.22 | 0.12 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1232 [1] | ND | 0.22 | 0.089 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1242 [1] | ND | 0.22 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1248 [1] | ND | 0.22 | 0.096 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1254 [1] | ND | 0.22 | 0.10 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1260 [1] | ND | 0.22 | 0.12 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1262 [1] | ND | 0.22 | 0.091 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |
| Aroclor-1268 [1] | ND | 0.22 | 0.099 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:09 | MEW |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 88.2 | 30-150 | | 6/9/25 20:09 |
| Decachlorobiphenyl [2] | 86.9 | 30-150 | | 6/9/25 20:09 |
| Tetrachloro-m-xylene [1] | 70.9 | 30-150 | | 6/9/25 20:09 |
| Tetrachloro-m-xylene [2] | 63.1 | 30-150 | | 6/9/25 20:09 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | 3.3 | 50 | 1.9 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Chlorobenzene | 0.69 | 1.0 | 0.12 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,4-Dichlorobenzene | 0.20 | 1.0 | 0.14 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Naphthalene | 0.62 | 2.0 | 0.21 | µg/L | 1 | J | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Toluene | 1.0 | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 2:43 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 103 | 70-130 | | 6/5/25 2:43 |
| Toluene-d8 | 101 | 70-130 | | 6/5/25 2:43 |
| 4-Bromofluorobenzene | 89.9 | 70-130 | | 6/5/25 2:43 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | ND | 21 | 5.0 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,3,4,6-Tetrachlorophenol~~ | ~~ND~~ | ~~22~~ | ~~5.2~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Atrazine | ND | 21 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Atrazine~~ | ~~ND~~ | ~~22~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Benzaldehyde | ND | 10 | 4.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Benzaldehyde~~ | ~~ND~~ | ~~11~~ | ~~4.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| ~~Biphenyl~~ | ~~ND~~ | ~~22~~ | ~~1.1~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Biphenyl | ND | 21 | 1.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Caprolactam~~ | ~~ND~~ | ~~11~~ | ~~4.9~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846~~ ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Caprolactam | ND | 10 | 4.7 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| Acenaphthene | 4.6 | 5.2 | 0.91 | µg/L | 1 | J | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Acenaphthene~~ | ~~4.9~~ | ~~5.4~~ | ~~0.94~~ | ~~µg/L~~ | ~~1~~ | ~~J~~ | ~~SW-846~~ ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Acenaphthylene | ND | 5.2 | 0.77 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Acenaphthylene~~ | ~~ND~~ | ~~5.4~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Acetophenone | ND | 10 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Acetophenone~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Aniline | ND | 21 | 13 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Aniline~~ | ~~ND~~ | ~~22~~ | ~~14~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Anthracene | ND | 5.2 | 0.67 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Anthracene~~ | ~~ND~~ | ~~5.4~~ | ~~0.70~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| ~~Benzo(a)anthracene~~ | ~~ND~~ | ~~5.4~~ | ~~0.65~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Benzo(a)anthracene | ND | 5.2 | 0.63 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Benzo(a)pyrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Benzo(a)pyrene | ND | 5.2 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Benzo(b)fluoranthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.66~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Benzo(b)fluoranthene | ND | 5.2 | 0.64 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| Benzo(g,h,i)perylene | ND | 5.2 | 0.88 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Benzo(g,h,i)perylene~~ | ~~ND~~ | ~~5.4~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| ~~Benzo(k)fluoranthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.72~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Benzo(k)fluoranthene | ND | 5.2 | 0.70 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Bis(2-chloroethoxy)methane~~ | ~~ND~~ | ~~11~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Bis(2-chloroethoxy)methane | ND | 10 | 0.77 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Bis(2-chloroethyl)ether~~ | ~~ND~~ | ~~11~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Bis(2-chloroethyl)ether | ND | 10 | 0.88 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 2,2'-oxybis(1-Chloropropane) | ND | 10 | 0.68 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,2'-oxybis(1-Chloropropane)~~ | ~~ND~~ | ~~11~~ | ~~0.70~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| ~~Bis(2-Ethylhexyl)phthalate~~ | ~~ND~~ | ~~11~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Bis(2-Ethylhexyl)phthalate | ND | 10 | 2.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 4-Bromophenylphenylether | ND | 10 | 0.77 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Bromophenylphenylether~~ | ~~ND~~ | ~~11~~ | ~~0.79~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| ~~Butylbenzylphthalate~~ | ~~ND~~ | ~~11~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Butylbenzylphthalate | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Carbazole~~ | ~~ND~~ | ~~11~~ | ~~0.73~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846~~ | ~~8270E~~ | ~~6/11/25~~ | ~~6/12/25~~ | ~~16:29~~ ~~BGL~~ |
| Carbazole | ND | 10 | 0.71 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 4-Chloroaniline | ND | 10 | 4.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Chloroaniline~~ | ~~ND~~ | ~~11~~ | ~~4.5~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 4-Chloro-3-methylphenol | ND | 10 | 2.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Chloro-3-methylphenol~~ | ~~ND~~ | ~~11~~ | ~~2.7~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2-Chloronaphthalene | ND | 10 | 0.79 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Chloronaphthalene~~ | ~~ND~~ | ~~11~~ | ~~0.82~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2-Chlorophenol | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Chlorophenol~~ | ~~ND~~ | ~~11~~ | ~~0.86~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 4-Chlorophenylphenylether | ND | 10 | 0.88 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Chlorophenylphenylether~~ | ~~ND~~ | ~~11~~ | ~~0.91~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Chrysene~~ | ~~ND~~ | ~~5.4~~ | ~~0.81~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Chrysene | ND | 5.2 | 0.78 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Dibenz(a,h)anthracene~~ | ~~ND~~ | ~~5.4~~ | ~~0.88~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Dibenz(a,h)anthracene | ND | 5.2 | 0.85 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Dibenzofuran~~ | ~~ND~~ | ~~5.4~~ | ~~0.85~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Dibenzofuran | ND | 5.2 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Di-n-butylphthalate~~ | ~~ND~~ | ~~11~~ | ~~5.1~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Di-n-butylphthalate | ND | 10 | 4.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 3,3-Dichlorobenzidine | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~3,3-Dichlorobenzidine~~ | ~~ND~~ | ~~11~~ | ~~3.7~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2,4-Dichlorophenol | ND | 10 | 2.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4-Dichlorophenol~~ | ~~ND~~ | ~~11~~ | ~~2.4~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Diethylphthalate~~ | ~~ND~~ | ~~11~~ | ~~1.8~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Diethylphthalate | ND | 10 | 1.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 2,4-Dimethylphenol | ND | 10 | 0.71 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4-Dimethylphenol~~ | ~~ND~~ | ~~11~~ | ~~0.74~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Dimethylphthalate~~ | ~~ND~~ | ~~11~~ | ~~0.71~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Dimethylphthalate | ND | 10 | 0.68 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 4,6-Dinitro-2-methylphenol | ND | 21 | 2.8 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4,6-Dinitro-2-methylphenol~~ | ~~ND~~ | ~~22~~ | ~~2.9~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2,4-Dinitrophenol | ND | 21 | 3.4 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4-Dinitrophenol~~ | ~~ND~~ | ~~22~~ | ~~3.5~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2,4-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4-Dinitrotoluene~~ | ~~ND~~ | ~~11~~ | ~~2.0~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2,6-Dinitrotoluene | ND | 10 | 1.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,6-Dinitrotoluene~~ | ~~ND~~ | ~~11~~ | ~~1.9~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Di-n-octylphthalate~~ | ~~ND~~ | ~~11~~ | ~~3.3~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Di-n-octylphthalate | ND | 10 | 3.1 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Fluoranthene~~ | ~~ND~~ | ~~5.4~~ | ~~0.85~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Fluoranthene | ND | 5.2 | 0.82 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Fluorene~~ | ~~ND~~ | ~~5.4~~ | ~~0.77~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Fluorene | ND | 5.2 | 0.75 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Hexachlorobenzene~~ | ~~ND~~ | ~~11~~ | ~~0.81~~ | ~~µg/L~~ | ~~1~~ | | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Hexachlorobenzene | ND | 10 | 0.79 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| ~~Hexachlorobutadiene~~ | ~~ND~~ | ~~11~~ | ~~5.1~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Hexachlorobutadiene | ND | 10 | 4.9 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Hexachlorocyclopentadiene~~ | ~~ND~~ | ~~11~~ | ~~4.8~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Hexachlorocyclopentadiene | ND | 10 | 4.6 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Hexachloroethane~~ | ~~ND~~ | ~~11~~ | ~~5.2~~ | ~~µg/L~~ | ~~1~~ | ~~L-04~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Hexachloroethane | ND | 10 | 5.0 | µg/L | 1 | UJ L-04 | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Indeno(1,2,3-cd)pyrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.88~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Indeno(1,2,3-cd)pyrene | ND | 5.2 | 0.85 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Isophorone~~ | ~~ND~~ | ~~11~~ | ~~0.94~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Isophorone | ND | 10 | 0.91 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 1-Methylnaphthalene | ND | 5.2 | 1.0 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~1-Methylnaphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2-Methylnaphthalene | ND | 5.2 | 0.94 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Methylnaphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~0.97~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 2-Methylphenol | ND | 10 | 0.76 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~0.78~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 3/4-Methylphenol | ND | 10 | 2.2 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~3/4-Methylphenol~~ | ~~ND~~ | ~~11~~ | ~~2.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Naphthalene~~ | ~~ND~~ | ~~5.4~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Naphthalene | ND | 5.2 | 0.97 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 2-Nitroaniline | ND | 10 | 3.4 | µg/L | 1 | V-35 | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~3.5~~ | ~~µg/L~~ | ~~1~~ | ~~V-35~~ | ~~SW-846 8270E~~ | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 3-Nitroaniline | ND | 10 | 2.7 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~3-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.8~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 4-Nitroaniline | ND | 10 | 2.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Nitroaniline~~ | ~~ND~~ | ~~11~~ | ~~2.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~Nitrobenzene~~ | ~~ND~~ | ~~11~~ | ~~1.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Nitrobenzene | ND | 10 | 0.97 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 2-Nitrophenol | ND | 10 | 2.9 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~3.0~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| 4-Nitrophenol | ND | 10 | 1.3 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~4-Nitrophenol~~ | ~~ND~~ | ~~11~~ | ~~1.3~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| ~~N-Nitrosodiphenylamine/Diphenylamine~~ | ~~ND~~ | ~~11~~ | ~~0.62~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 10 | 0.60 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~N-Nitrosodi-n-propylamine~~ | ~~ND~~ | ~~11~~ | ~~2.5~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| N-Nitrosodi-n-propylamine | ND | 10 | 2.4 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Pentachlorophenol~~ | ~~ND~~ | ~~11~~ | ~~3.7~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Pentachlorophenol | ND | 10 | 3.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Phenanthrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.76~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Phenanthrene | ND | 5.2 | 0.73 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Phenol~~ | ~~ND~~ | ~~11~~ | ~~1.6~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |
| Phenol | ND | 10 | 1.6 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Pyrene~~ | ~~ND~~ | ~~5.4~~ | ~~0.67~~ | ~~µg/L~~ | ~~1~~ | ~~SW-846 8270E~~ | | ~~6/11/25~~ | ~~6/12/25 16:29~~ | ~~BGL~~ |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Semivolatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Pyrene | ND | 5.2 | 0.65 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~Pyridine ND 22 7.8 µg/L 1 SW-846 8270E 6/11/25 6/12/25 16:29 BGL~~ | | | | | | | | | | |
| Pyridine | ND | 21 | 7.5 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| 1,2,4,5-Tetrachlorobenzene | ND | 10 | 1.1 | µg/L | 1 | UJ | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~1,2,4,5-Tetrachlorobenzene ND 11 1.1 µg/L 1 SW-846 8270E 6/11/25 6/12/25 16:29 BGL~~ | | | | | | | | | | |
| 2,4,5-Trichlorophenol | ND | 10 | 0.83 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4,5-Trichlorophenol ND 11 0.86 µg/L 1 SW-846 8270E 6/11/25 6/12/25 16:29 BGL~~ | | | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 10 | 0.63 | µg/L | 1 | | SW-846 8270E | 6/4/25 | 6/10/25 9:58 | BGL |
| ~~2,4,6-Trichlorophenol ND 11 0.65 µg/L 1 SW-846 8270E 6/11/25 6/12/25 16:29 BGL~~ | | | | | | | | | | |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | | |
|---|---|---|---|---|---|
| 2-Fluorophenol | 51.0 | 15-110 | | 6/10/25 9:58 | |
| ~~2-Fluorophenol 53.4 15-110 6/12/25 16:29~~ | | | | | |
| ~~Phenol-d6 37.0 15-110 6/12/25 16:29~~ | | | | | |
| Phenol-d6 | 37.7 | 15-110 | | 6/10/25 9:58 | |
| ~~Nitrobenzene-d5 71.0 30-130 6/12/25 16:29~~ | | | | | |
| Nitrobenzene-d5 | 63.2 | 30-130 | | 6/10/25 9:58 | |
| 2-Fluorobiphenyl | 41.3 | 30-130 | | 6/10/25 9:58 | |
| ~~2-Fluorobiphenyl 65.3 30-130 6/12/25 16:29~~ | | | | | |
| 2,4,6-Tribromophenol | 86.4 | 15-110 | | 6/10/25 9:58 | |
| ~~2,4,6-Tribromophenol 92.1 15-110 6/12/25 16:29~~ | | | | | |
| ~~p-Terphenyl-d14 91.3 30-130 6/12/25 16:29~~ | | | | | |
| p-Terphenyl-d14 | 88.7 | 30-130 | | 6/10/25 9:58 | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: DEC-25** | Sampled: 5/30/2025 09:20

**Sample ID: 25E2450-04**

Sample Matrix: Ground Water

**Polychlorinated Biphenyls By GC/ECD**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Aroclor-1016 [1] | ND | 0.21 | 0.13 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1221 [1] | ND | 0.21 | 0.12 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1232 [1] | ND | 0.21 | 0.088 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1242 [1] | ND | 0.21 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1248 [1] | ND | 0.21 | 0.095 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1254 [1] | ND | 0.21 | 0.10 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1260 [1] | ND | 0.21 | 0.11 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1262 [1] | ND | 0.21 | 0.090 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |
| Aroclor-1268 [1] | ND | 0.21 | 0.098 | µg/L | 1 | | SW-846 8082A | 6/5/25 | 6/9/25 20:26 | MEW |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| Decachlorobiphenyl [1] | 95.1 | 30-150 | | 6/9/25 20:26 |
| Decachlorobiphenyl [2] | 93.4 | 30-150 | | 6/9/25 20:26 |
| Tetrachloro-m-xylene [1] | 73.7 | 30-150 | | 6/9/25 20:26 |
| Tetrachloro-m-xylene [2] | 65.6 | 30-150 | | 6/9/25 20:26 |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: TB20250530** | Sampled: 5/27/2025 00:00

**Sample ID: 25E2450-05**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| Acetone | ND | 50 | 1.9 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Benzene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Bromochloromethane | ND | 1.0 | 0.34 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Bromodichloromethane | ND | 0.50 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Bromoform | ND | 1.0 | 0.32 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Bromomethane | ND | 2.0 | 0.91 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 2-Butanone (MEK) | ND | 20 | 1.5 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| n-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| sec-Butylbenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| tert-Butylbenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Carbon Disulfide | ND | 5.0 | 1.6 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Carbon Tetrachloride | ND | 5.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Chlorobenzene | ND | 1.0 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Chlorodibromomethane | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Chloroethane | ND | 2.0 | 0.43 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Chloroform | ND | 2.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Chloromethane | ND | 2.0 | 0.39 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Cyclohexane | ND | 5.0 | 1.3 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | 5.0 | 0.62 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2-Dibromoethane (EDB) | ND | 0.50 | 0.12 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2-Dichlorobenzene | ND | 1.0 | 0.13 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,3-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,4-Dichlorobenzene | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Dichlorodifluoromethane (Freon 12) | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,1-Dichloroethane | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2-Dichloroethane | ND | 1.0 | 0.28 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,1-Dichloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| cis-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| trans-1,2-Dichloroethylene | ND | 1.0 | 0.19 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2-Dichloropropane | ND | 1.0 | 0.20 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| cis-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| trans-1,3-Dichloropropene | ND | 0.50 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Ethylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 2-Hexanone (MBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Isopropylbenzene (Cumene) | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| p-Isopropyltoluene (p-Cymene) | ND | 1.0 | 0.14 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Methyl Acetate | ND | 1.0 | 0.40 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Methyl tert-Butyl Ether (MTBE) | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Methyl Cyclohexane | ND | 1.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Methylene Chloride | ND | 5.0 | 0.17 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 4-Methyl-2-pentanone (MIBK) | ND | 10 | 1.2 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Naphthalene | ND | 2.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| n-Propylbenzene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Styrene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

Project Location: Queens, NY | Sample Description: | Work Order: 25E2450

Date Received: 5/31/2025

**Field Sample #: TB20250530** | Sampled: 5/27/2025 00:00

**Sample ID: 25E2450-05**

Sample Matrix: Ground Water

**Volatile Organic Compounds by GC/MS**

| Analyte | Results | RL | DL | Units | Dilution | Flag/Qual | Method | Date Prepared | Date/Time Analyzed | Analyst |
|---|---|---|---|---|---|---|---|---|---|---|
| 1,1,2,2-Tetrachloroethane | ND | 0.50 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Tetrachloroethylene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Toluene | ND | 1.0 | 0.11 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2,3-Trichlorobenzene | ND | 5.0 | 0.21 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2,4-Trichlorobenzene | ND | 1.0 | 0.18 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,1,1-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,1,2-Trichloroethane | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Trichloroethylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Trichlorofluoromethane (Freon 11) | ND | 2.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2,3-Trichloropropane | ND | 2.0 | 0.23 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,2,4-Trimethylbenzene | ND | 1.0 | 0.15 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| 1,3,5-Trimethylbenzene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Vinyl Chloride | ND | 2.0 | 0.22 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| m+p Xylene | ND | 2.0 | 0.30 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| o-Xylene | ND | 1.0 | 0.16 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |
| Xylenes (total) | ND | 1.0 | 1.0 | µg/L | 1 | | SW-846 8260D | 6/3/25 | 6/5/25 0:02 | MFF |

| Surrogates | % Recovery | Recovery Limits | Flag/Qual | |
|---|---|---|---|---|
| 1,2-Dichloroethane-d4 | 99.6 | 70-130 | | 6/5/25 0:02 |
| Toluene-d8 | 99.3 | 70-130 | | 6/5/25 0:02 |
| 4-Bromofluorobenzene | 92.2 | 70-130 | | 6/5/25 0:02 |

# ATTACHMENT B

# SUPPORT DOCUMENTATION

25E2355 KS

Pace Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

CHAIN OF CUSTODY RECORD (New York)

Page 1 of 2

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC | Consultant: AECOM
Consultant Address: 1 John James Audubon PKWY
Consultant Phone: 716-923-7132
Callout Project Name: College PT 3
Project Location: Queens, NY
Callout Number:
Site/Spill Number:
Project Manager: Chuck Dusel
Pace Analytical Quote Name/Number:
Invoice Recipient: Chuck Dusel
Sampled By: Giant - Dig / Evan Astafa

**Requested Turnaround Time**
DEC Standard 30-calendar day
Due Date: Standard

**Rush (Prior Approval Required)**
1-Day | 2-Day | 3-Day | 4-Day | 5-Day | 10-Day

**Data Delivery**
Format: PDF EXCEL
Other: EQuIS / Cat B
CLP Like (Level 4) Data Pkg Required:
Email To: AnnMarie.Krapovitch@AECOM.com
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting List)

| Pace Analytical Work Order# | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Composite | Grab | [1]Matrix Code | Conc Code | 8260: DER TCL + Oxygenates / CP-51 | 8270: DER TCL / CP-51 | 1,4-Dioxane SIM | 8082 PCBs | 8081 Pesticide | 8151 Herbicide | TAL Total Metals | TCLP RCRA 8 Metal | PFAS 1633 | PFAS 537 ID | # of Containers | [2] Preservation Code | [3] Container Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DEC-030 | 5/29/25 0830 | | | X | GW | U | X | X | X | | | | | | | | 4 | A | G |
| 2 | MW-05 | 5/29/25 1245 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 3 | DEC-27 | 5/29/25 1345 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 4 | DEC-21 | 5/29/25 1610 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 5 | MW-14 DUP | 5/29/25 0915 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 6 | DEC-39 | 5/29/25 1050 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 7 | MW-14 | 5/29/25 0910 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 8 | DEC-34 | 5/29/25 1035 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 8 | DEC-34 MS/MSD | 5/29/25 1020 | | | X | GW | U | X | X | X | | | | | | | | | | |
| 9 | RINSATE | 5/29/25 1215 | | | X | GW | U | X | X | X | | | | | | | | | | |

Comments: Please contact Ann Marie Krapovitch w/ any questions & send data reports directly to her. 518-928-1137

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

**Dissolved Metals Samples**
Field Filtered
Lab to Filter

**Orthophosphate Samples**
Field Filtered
Lab to Filter

| | | |
|---|---|---|
| Relinquished by: (signature) | Date/Time: 5/29/25 1426 | |
| Received by: (signature) MD A Pace | Date/Time: 5/29/25 14:27 | |
| Relinquished by: (signature) MD A Pace | Date/Time: 5/29/25 2040 | |
| Received by: (signature) Anthony Green 2145 | Date/Time: MAY 29 2025 | |
| Relinquished by: (signature) Anthony Green | Date/Time: | |
| Received by: (signature) | Date/Time: 5/30/25 0745 | |

**Program & Regulatory Information**
AWQ STDS | NY TOGS
NYC Sewer Discharge | NY CP-51
Part 360 GW (Landfill)
NY Restricted Use
NY Unrestricted Use
NY Part 375
Other:

**Deliverables**
Enhanced Data Package
NYSDEC EQuIS EDD
EQuIS (Standard) EDD
NY Regulatory EDD
NY Regs Hits-Only EDD
Other:
NELAC and AIHA-LAP, LLC Accredited

Project Entity
Government | Municipality | MWRA | WRTA
Federal | 21 J | School
City | Brownfield | MBTA

Other
Chromatogram
AIHA-LAP,LLC

PCB ONLY
Soxhlet
Non Soxhlet

Send DATA 5-30 25 5:00
GW VOA 4.0 5130RS 200

25E2355 KS

Paco Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

# CHAIN OF CUSTODY RECORD (New York)



Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC
Consultant: AECOM
Consultant Address: John James Ave, Oriskany Plains
Consultant Phone: 716-923-1137
Callout Project Name: calling for 2 + 3
Project Location: Queens NY
Callout Number:
Site/Spill Number:
Project Manager: Chuck Dvic
Pace Analytical Quote Name/Number:
Invoice Recipient: Chuck Dvic
Sampled By: Gianni Diaz, Evan Gstuft

**Requested Turnaround Time**
DEC Standard 30-calendar day
Due Date: Standard

**Rush (Prior Approval Required)**
1-Day ☐ 2-Day ☐ 3-Day ☐
4-Day ☐ 5-Day ☐ 10-Day ☑

**Data Delivery**
Format: PDF ☑ EXCEL ☐
Other: EQuIS / CATB
CLP Like (Level 4) Data Pkg Required: ☐
Email To: Ann.Marie.Kropveln@AECOM.com
Fax To #:

ANALYSIS REQUESTED ( Circle Requested Analyses/Reporting List )

| Pace Analytical Work Order# | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Composite | Grab | [1]Matrix Code | Conc Code | 8260: DER / Oxygenates / CP-51 | 8270: DER TCL / CP-51 | 1,4-Dioxane SIM | 8082 PCBs | 8081 Pesticide | 8151 Herbicide | TAL Total Metals | TCLP RCRA 8 Metal | PFAS 1633 | PFAS 537 ID | # of Containers | [2] Preservation Code | [1] Container Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 10 | DEC-59 | 5/27/25 1230 | | | X | GW | U | X | X | X | | | | | | | | 4 | H | G |
| 11 | TB20250527 | 5/27/25 | | | X | W | U | X | X | X | | | | | | | | | | |

**Dissolved Metals Samples**
Field Filtered ☐
Lab to Filter ☐

**Orthophosphate Samples**
Field Filtered ☐
Lab to Filter ☐

[1] **Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

[2] **Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

[3] **Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments: Please contact Ann Marie Kropveln with any questions and send data reports directly to her 716-923-1137

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

| | | |
|---|---|---|
| Relinquished by: (signature) | Date/Time: 5/29/25 1420 | |
| Received by: (signature) MO A Pace | Date/Time: 5/29/25 14:21 | |
| Relinquished by: (signature) MO A Pace | Date/Time: 5/29/25 20:00 | |
| Received by: (signature) Anthony Green 2145 | Date/Time: MAY 29 2025 | |
| Relinquished by: (signature) Anthony Green | Date/Time | |
| Received by: (signature) | Date/Time: | |

5 Bottles Client Dvic 5-30 7:00

Client Dvic 5-30-25 5:00

**Program & Regulatory Information**
AWQ STDS ☐ NY TOGS ☐
NYC Sewer Discharge ☐ NY CP-51 ☐
Part 360 GW (Landfill) ☐
NY Restricted Use ☐
NY Unrestricted Use ☐
NY Part 375 ☐
Other ☐

**Deliverables**
Enhanced Data Package ☐
NYSDEC EQuIS EDD ☐
EQuIS (Standard) EDD ☐
NY Regulatory EDD ☐
NY Regs Hits-Only EDD ☐
Other ☐
NELAC and AIHA-LAP, LLC accredited

Project Entity
Government ☑ | Municipality ☐ | MWRA ☐ | WRTA ☐
Federal ☐ | 21 J ☐ | School ☐
City ☐ | Brownfield ☐ | MBTA ☐

Other
Chromatogram ☐
AIHA-LAP,LLC ☐

PCB ONLY
Soxhlet ☐
Non Soxhlet ☐

4.0 5/30/25 700

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**SW-846 8082A**

**Qualifications:**

**B-05**

Data is not affected by elevated level in laboratory blank since sample(s) result is "Not Detected".

**Analyte & Samples(s) Qualified:**

**Aroclor-1260**

25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54]

**Aroclor-1260 [2C]**

25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54]

**R-06**

Matrix spike duplicate RPD is outside of control limits. Reduced precision is anticipated for reported result for this compound in this sample.

**Analyte & Samples(s) Qualified:**

**Aroclor-1016 [2C]**

25E2355-08[DEC-34], B406291-MS1, B406291-MSD1

**SW-846 8260D**

**Qualifications:**

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**1,2,3-Trichlorobenzene**

B406451-BSD1

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:**

**Methyl Acetate**

B406451-BSD1

**Methylene Chloride**

B406451-BSD1

**MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**1,2-Dibromo-3-chloropropane (DBCP)**

B406450-MS1

**MS-24**

Either matrix spike or matrix spike duplicate is outside of control limits, but the other is within limits. Analysis is in control based on laboratory fortified blank recovery.

**Analyte & Samples(s) Qualified:**

**Naphthalene**

B406450-MS1

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:**

**1,2-Dibromo-3-chloropropane (DBCP)**

25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-09[ RW-A], 25E2355-10[DEC-54], 25E2355-11[TB20250527], B406451-BLK1, B406451-BS1, B406451-BSD1

**Carbon Disulfide**

25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-09[ RW-A], 25E2355-10[DEC-54], 25E2355-11[TB20250527], B406451-BLK1, B406451-BS1, B406451-BSD1

**Methyl Acetate**

25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-09[ RW-A], 25E2355-10[DEC-54], 25E2355-11[TB20250527], B406451-BLK1, B406451-BS1, B406451-BSD1

**Methylene Chloride**

25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-09[ RW-A], 25E2355-10[DEC-54], 25E2355-11[TB20250527], B406451-BLK1, B406451-BS1, B406451-BSD1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**V-05**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the low side for this compound.

**Analyte & Samples(s) Qualified:**

**1,2-Dibromo-3-chloropropane (DBCP)**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-08[DEC-34], B406450-BLK1, B406450-BS1, B406450-BSD1, S122199-CCV1

**V-20**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:**

**1,2,3-Trichloropropane**
S122199-CCV1

**1,2,4-Trichlorobenzene**
B406451-BS1, B406451-BSD1, S122188-CCV1

**Methyl Acetate**
B406451-BS1, B406451-BSD1, S122188-CCV1

**Methylene Chloride**
B406451-BS1, B406451-BSD1, S122188-CCV1

**Trichlorofluoromethane (Freon 11)**
B406451-BS1, B406451-BSD1, S122188-CCV1

**SW-846 8270E**

**Qualifications:**

**L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**1,2,4,5-Tetrachlorobenzene**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**2-Chloronaphthalene**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**2-Methylnaphthalene**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**Caprolactam**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**Hexachlorobutadiene**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**Hexachloroethane**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**Hexachlorocyclopentadiene**
B406307-BSD1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**MS-09**

Matrix spike recovery and/or matrix spike duplicate recovery outside of control limits. Possibility of sample matrix effects that lead to a low bias for reported result or non-homogeneous sample aliquots cannot be eliminated.

**Analyte & Samples(s) Qualified:**

**1,2,4,5-Tetrachlorobenzene**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**2-Chloronaphthalene**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**2-Methylnaphthalene**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**Caprolactam**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**Hexachlorobutadiene**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**Hexachlorocyclopentadiene**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

**Hexachloroethane**
25E2355-08[DEC-34], B406307-MS1, B406307-MSD1

---

**MS-22**

Either matrix spike or MS duplicate is outside of control limits, but the other is within limits. RPD between the two MS/MSD results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**1-Methylnaphthalene**
B406307-MSD1

**2,4-Dinitrophenol**
B406307-MSD1

**Biphenyl**
B406307-MSD1

---

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:**

**Hexachlorobutadiene**
B406307-BS1, B406307-BSD1

---

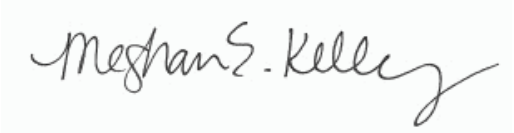
**V-35**

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

**Analyte & Samples(s) Qualified:**

**2-Nitroaniline**
25E2355-01[DEC-030], 25E2355-02[MW-05], 25E2355-03[DEC-27], 25E2355-04[DEC-21], 25E2355-05[MW-14DUP], 25E2355-06[DEC-38], 25E2355-07[MW-14], 25E2355-08[DEC-34], 25E2355-09[RW-A], 25E2355-10[DEC-54], B406307-BLK1, B406307-BS1, B406307-BSD1, B406307-MS1, B406307-MSD1, S122434-CCV1, S122453-CCV1

The results of analyses reported only relate to samples submitted to Pace Analytical Services, LLC - East Longmeadow, Ma, for testing.
I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Meghan E. Kelley
Reporting Specialist

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Volatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406450 - SW-846 5030B** | | | | | | | | | | | |
| **Matrix Spike (B406450-MS1)** | **Source: 25E2355-08** | | | Prepared & Analyzed: 06/03/25 | | | | | | | |
| Carbon Disulfide | 88.6 | 5.0 | µg/L | 100.0 | ND | 88.6 | | 70-130 | | | |
| Carbon Tetrachloride | 9.06 | 5.0 | µg/L | 10.00 | ND | 90.6 | | 70-130 | | | |
| Chlorobenzene | 15.2 | 1.0 | µg/L | 10.00 | 3.74 | 115 | | 70-130 | | | |
| Chlorodibromomethane | 9.29 | 0.50 | µg/L | 10.00 | ND | 92.9 | | 70-130 | | | |
| Chloroethane | 10.6 | 2.0 | µg/L | 10.00 | ND | 106 | | 70-130 | | | |
| Chloroform | 8.93 | 2.0 | µg/L | 10.00 | ND | 89.3 | | 70-130 | | | |
| Chloromethane | 8.97 | 2.0 | µg/L | 10.00 | ND | 89.7 | | 70-130 | | | |
| Cyclohexane | 9.27 | 5.0 | µg/L | 10.00 | ND | 92.7 | | 70-130 | | | |
| **1,2-Dibromo-3-chloropropane (DBCP)** | 6.60 | 5.0 | µg/L | 10.00 | ND | **66.0** | * | 70-130 | | | MS-22 |
| 1,2-Dibromoethane (EDB) | 10.2 | 0.50 | µg/L | 10.00 | ND | 102 | | 70-130 | | | |
| 1,2-Dichlorobenzene | 10.3 | 1.0 | µg/L | 10.00 | 0.380 | 98.9 | | 70-130 | | | |
| 1,3-Dichlorobenzene | 10.1 | 1.0 | µg/L | 10.00 | ND | 101 | | 70-130 | | | |
| 1,4-Dichlorobenzene | 10.1 | 1.0 | µg/L | 10.00 | 0.280 | 98.4 | | 70-130 | | | |
| Dichlorodifluoromethane (Freon 12) | 12.0 | 2.0 | µg/L | 10.00 | ND | 120 | | 70-130 | | | |
| 1,1-Dichloroethane | 9.19 | 1.0 | µg/L | 10.00 | ND | 91.9 | | 70-130 | | | |
| 1,2-Dichloroethane | 10.0 | 1.0 | µg/L | 10.00 | ND | 100 | | 70-130 | | | |
| 1,1-Dichloroethylene | 10.7 | 1.0 | µg/L | 10.00 | ND | 107 | | 70-130 | | | |
| cis-1,2-Dichloroethylene | 9.03 | 1.0 | µg/L | 10.00 | ND | 90.3 | | 70-130 | | | |
| trans-1,2-Dichloroethylene | 9.31 | 1.0 | µg/L | 10.00 | ND | 93.1 | | 70-130 | | | |
| 1,2-Dichloropropane | 9.66 | 1.0 | µg/L | 10.00 | ND | 96.6 | | 70-130 | | | |
| cis-1,3-Dichloropropene | 8.48 | 0.50 | µg/L | 10.00 | ND | 84.8 | | 70-130 | | | |
| trans-1,3-Dichloropropene | 8.09 | 0.50 | µg/L | 10.00 | ND | 80.9 | | 70-130 | | | |
| Ethylbenzene | 13.6 | 1.0 | µg/L | 10.00 | 3.28 | 103 | | 70-130 | | | |
| 2-Hexanone (MBK) | 80.6 | 10 | µg/L | 100.0 | ND | 80.6 | | 70-130 | | | |
| Isopropylbenzene (Cumene) | 11.9 | 1.0 | µg/L | 10.00 | 1.18 | 107 | | 70-130 | | | |
| p-Isopropyltoluene (p-Cymene) | 9.54 | 1.0 | µg/L | 10.00 | ND | 95.4 | | 70-130 | | | |
| Methyl Acetate | 7.63 | 1.0 | µg/L | 10.00 | ND | 76.3 | | 70-130 | | | |
| Methyl tert-Butyl Ether (MTBE) | 8.25 | 1.0 | µg/L | 10.00 | ND | 82.5 | | 70-130 | | | |
| Methyl Cyclohexane | 9.82 | 1.0 | µg/L | 10.00 | ND | 98.2 | | 70-130 | | | |
| Methylene Chloride | 9.14 | 5.0 | µg/L | 10.00 | ND | 91.4 | | 70-130 | | | |
| 4-Methyl-2-pentanone (MIBK) | 83.5 | 10 | µg/L | 100.0 | ND | 83.5 | | 70-130 | | | |
| **Naphthalene** | 23.2 | 2.0 | µg/L | 10.00 | 19.0 | **41.0** | * | 70-130 | | | MS-24 |
| n-Propylbenzene | 10.7 | 1.0 | µg/L | 10.00 | 0.280 | 105 | | 70-130 | | | |
| Styrene | 11.0 | 1.0 | µg/L | 10.00 | ND | 110 | | 70-130 | | | |
| 1,1,2,2-Tetrachloroethane | 9.91 | 0.50 | µg/L | 10.00 | ND | 99.1 | | 70-130 | | | |
| Tetrachloroethylene | 12.2 | 1.0 | µg/L | 10.00 | ND | 122 | | 70-130 | | | |
| Toluene | 9.98 | 1.0 | µg/L | 10.00 | 0.140 | 98.4 | | 70-130 | | | |
| 1,2,3-Trichlorobenzene | 8.17 | 5.0 | µg/L | 10.00 | ND | 81.7 | | 70-130 | | | |
| 1,2,4-Trichlorobenzene | 9.19 | 1.0 | µg/L | 10.00 | ND | 91.9 | | 70-130 | | | |
| 1,1,1-Trichloroethane | 9.49 | 1.0 | µg/L | 10.00 | ND | 94.9 | | 70-130 | | | |
| 1,1,2-Trichloroethane | 10.2 | 1.0 | µg/L | 10.00 | ND | 102 | | 70-130 | | | |
| Trichloroethylene | 10.7 | 1.0 | µg/L | 10.00 | ND | 107 | | 70-130 | | | |
| Trichlorofluoromethane (Freon 11) | 10.9 | 2.0 | µg/L | 10.00 | ND | 109 | | 70-130 | | | |
| 1,2,3-Trichloropropane | 11.5 | 2.0 | µg/L | 10.00 | ND | 115 | | 70-130 | | | |
| 1,1,2-Trichloro-1,2,2-trifluoroethane (Freon 113) | 10.4 | 1.0 | µg/L | 10.00 | ND | 104 | | 70-130 | | | |
| 1,2,4-Trimethylbenzene | 10.9 | 1.0 | µg/L | 10.00 | 1.87 | 90.3 | | 70-130 | | | |
| 1,3,5-Trimethylbenzene | 11.2 | 1.0 | µg/L | 10.00 | ND | 112 | | 70-130 | | | |
| Vinyl Chloride | 10.7 | 2.0 | µg/L | 10.00 | ND | 107 | | 70-130 | | | |
| m+p Xylene | 21.7 | 2.0 | µg/L | 20.00 | 0.740 | 105 | | 70-130 | | | |
| o-Xylene | 12.4 | 1.0 | µg/L | 10.00 | 2.33 | 101 | | 70-130 | | | |
| Xylenes (total) | 34.1 | 1.0 | µg/L | 30.00 | 2.33 | 106 | | 0-200 | | | |

# 7 - FORM VII

## CONTINUING CALIBRATION VERIFICATION

SW-846 8260D

| | | | |
|---|---|---|---|
| Laboratory: | Pace New England | Work Order: | 25E2355 |
| Client: | NYDEC_AECOM Environment - Latham, NY | Project: | College Point 3 (121st Street) - CO 151789 |
| Instrument ID: | GCMSVOA2 | Calibration: | 2500116 |
| Lab File ID: | B25V15403.D | Calibration Date: | 01/28/25 12:10 |
| Sequence: | S122199 | Injection Date: | 06/03/25 |
| Lab Sample ID: | S122199-CCV1 | Injection Time: | 09:11 |

| | | CONC. (µg/L) | | RESPONSE FACTOR | | | % DIFF / DRIFT | | |
|---|---|---|---|---|---|---|---|---|---|
| COMPOUND | TYPE | STD | CCV | ICAL | CCV | MIN (#) | CCV | LIMIT (#) | |
| Acetone | A | 100.0 | 89.4 | 0.1747982 | 0.1563579 | | -10.5 | 20 | |
| Benzene | A | 10.00 | 9.01 | 1.824328 | 1.643014 | | -9.9 | 20 | |
| Bromochloromethane | A | 10.00 | 10.8 | 0.2277243 | 0.2465038 | | 8.2 | 20 | |
| Bromodichloromethane | A | 10.00 | 9.29 | 0.3981167 | 0.3699567 | | -7.1 | 20 | |
| Bromoform | A | 10.00 | 9.99 | 0.4677162 | 0.4674405 | | -0.06 | 20 | |
| Bromomethane | A | 10.00 | 8.87 | 0.2913131 | 0.2584022 | | -11.3 | 20 | |
| 2-Butanone (MEK) | A | 100.0 | 82.8 | 0.2802517 | 0.2320317 | | -17.2 | 20 | |
| n-Butylbenzene | A | 10.00 | 8.92 | 1.957755 | 1.74676 | | -10.8 | 20 | |
| sec-Butylbenzene | A | 10.00 | 8.70 | 2.496349 | 2.171648 | | -13.0 | 20 | |
| tert-Butylbenzene | A | 10.00 | 9.54 | 1.781821 | 1.699997 | | -4.6 | 20 | |
| Carbon Disulfide | A | 100.0 | 83.4 | 1.300467 | 1.085165 | | -16.6 | 20 | |
| Carbon Tetrachloride | A | 10.00 | 9.03 | 0.7555882 | 0.6821921 | | -9.7 | 20 | |
| Chlorobenzene | A | 10.00 | 11.4 | 1.541986 | 1.76025 | | 14.2 | 20 | |
| Chlorodibromomethane | A | 10.00 | 9.77 | 0.3437841 | 0.3357577 | | -2.3 | 20 | |
| Chloroethane | A | 10.00 | 10.6 | 0.3272695 | 0.3452346 | | 5.5 | 20 | |
| Chloroform | A | 10.00 | 9.24 | 0.8536549 | 0.7887603 | | -7.6 | 20 | |
| Chloromethane | A | 10.00 | 8.88 | 0.6438349 | 0.5715628 | | -11.2 | 20 | |
| Cyclohexane | A | 10.00 | 8.93 | 0.8774725 | 0.7834319 | | -10.7 | 20 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | A | 10.00 | 7.35 | 0.1362479 | 0.1001287 | | -26.5 | 20 | * |
| 1,2-Dibromoethane (EDB) | A | 10.00 | 10.6 | 0.3050534 | 0.3223872 | | 5.7 | 20 | |
| 1,2-Dichlorobenzene | A | 10.00 | 10.3 | 1.09971 | 1.130434 | | 2.8 | 20 | |
| 1,3-Dichlorobenzene | A | 10.00 | 10.4 | 1.1587 | 1.204128 | | 3.9 | 20 | |
| 1,4-Dichlorobenzene | A | 10.00 | 10.3 | 1.222177 | 1.263052 | | 3.3 | 20 | |
| Dichlorodifluoromethane (Freon 12) | A | 10.00 | 11.5 | 0.4941542 | 0.5663637 | | 14.6 | 20 | |
| 1,1-Dichloroethane | A | 10.00 | 8.96 | 0.8255679 | 0.7399252 | | -10.4 | 20 | |
| 1,2-Dichloroethane | A | 10.00 | 10.3 | 0.3957831 | 0.4061041 | | 2.6 | 20 | |
| 1,1-Dichloroethylene | A | 10.00 | 10.2 | 0.5955441 | 0.606301 | | 1.8 | 20 | |
| cis-1,2-Dichloroethylene | A | 10.00 | 9.51 | 0.7171268 | 0.6819851 | | -4.9 | 20 | |
| trans-1,2-Dichloroethylene | A | 10.00 | 9.21 | 0.6231175 | 0.573658 | | -7.9 | 20 | |

C:\msdchem\1\data\B060325\

| Date | Filename | Lab ID | Sample Info | |
|---|---|---|---|---|
| 3 Jun 2025 8:19 am | B25V15401.D | PRIME | | |
| 3 Jun 2025 8:45 am | B25V15402.D | BFB | | |
| 3 Jun 2025 9:11 am | B25V15403.D | 8260STD 10PPB 25E0489 | | pH<2 |
| 3 Jun 2025 9:37 am | B25V15404.D | B0-BS1 | | |
| 3 Jun 2025 10:03 am | B25V15405.D | B0-BSD1 | | |
| 3 Jun 2025 10:29 am | B25V15406.D | BLK | | |
| 3 Jun 2025 10:55 am | B25V15407.D | B0-BLK1 | | |
| 3 Jun 2025 11:21 am | B25V15408.D | 25E2480-03 | | |
| 3 Jun 2025 11:47 am | B25V15409.D | 25E2431-04 | | |
| 3 Jun 2025 12:13 pm | B25V15410.D | 25E2497-07 | | |
| 3 Jun 2025 12:39 pm | B25V15411.D | 25E2453-01 | | |
| 3 Jun 2025 1:05 pm | B25V15412.D | 25E2453-02 | | |
| 3 Jun 2025 1:31 pm | B25V15413.D | 25E2453-03 | | |
| 3 Jun 2025 1:57 pm | B25V15414.D | 25E2453-04 | | |
| 3 Jun 2025 2:23 pm | B25V15415.D | 25E2453-05 | | |
| 3 Jun 2025 2:49 pm | B25V15416.D | 25E2453-06 | | |
| 3 Jun 2025 3:15 pm | B25V15417.D | 25E2431-01 | | |
| 3 Jun 2025 3:41 pm | B25V15418.D | 25E2431-02 | | |
| 3 Jun 2025 4:07 pm | B25V15419.D | 25E2431-03 | | |
| 3 Jun 2025 4:33 pm | B25V15420.D | 25E2355-01 | | |
| 3 Jun 2025 4:59 pm | B25V15421.D | 25E2355-02 | | |
| 3 Jun 2025 5:25 pm | B25V15422.D | 25E2355-03 | | |
| 3 Jun 2025 5:51 pm | B25V15423.D | 25E2355-08 | | |
| 3 Jun 2025 6:17 pm | B25V15424.D | 25E2401-01 | | |
| 3 Jun 2025 6:43 pm | B25V15425.D | 25E2401-02 @20X | 20 | |
| 3 Jun 2025 7:09 pm | B25V15426.D | 25E2401-03 @10X | 10 | |
| 3 Jun 2025 7:35 pm | B25V15427.D | 25E2401-04 @250X | 250 | |
| 3 Jun 2025 8:01 pm | B25V15428.D | 25E2355-08MS1 | | |
| 3 Jun 2025 8:27 pm | B25V15429.D | 25E2355-08MSD1 | | |
| 3 Jun 2025 8:54 pm | B25V15430.D | CLEAN UP | | |
| 3 Jun 2025 9:19 pm | B25V15431.D | PRIME | | |
| 3 Jun 2025 9:45 pm | B25V15432.D | BFB | | |
| 3 Jun 2025 10:12 pm | B25V15433.D | 8260 STD 10 PPB 25E0489 | | |
| 3 Jun 2025 10:38 pm | B25V15434.D | B0-BS1 | | |
| 3 Jun 2025 11:04 pm | B25V15435.D | B0-BSD1 | | |
| 3 Jun 2025 11:30 pm | B25V15436.D | CLEAN UP | | |
| 3 Jun 2025 11:56 pm | B25V15437.D | B0-BLK1 | | |
| 4 Jun 2025 12:22 am | B25V15438.D | 25E2451-02 | | |
| 4 Jun 2025 12:48 am | B25V15439.D | 25E2442-01 | | |
| 4 Jun 2025 1:14 am | B25V15440.D | 25E2442-02 | | |
| 4 Jun 2025 1:40 am | B25V15441.D | 25E2442-03 | | |
| 4 Jun 2025 2:06 am | B25V15442.D | 25E2442-04 | | |
| 4 Jun 2025 2:32 am | B25V15443.D | 25E2442-05 | | |
| 4 Jun 2025 2:58 am | B25V15444.D | 25E2442-06 | | |
| 4 Jun 2025 3:24 am | B25V15445.D | 25E2442-07 | | |
| 4 Jun 2025 3:50 am | B25V15446.D | 25E2442-09 | | |
| 4 Jun 2025 4:16 am | B25V15447.D | 25E2442-15 | | |
| 4 Jun 2025 4:42 am | B25V15448.D | 25E2451-01 | | |
| 4 Jun 2025 5:08 am | B25V15449.D | 25E2442-08 @10X | 10 | |
| 4 Jun 2025 5:34 am | B25V15450.D | 25E2442-10 @20X | 20 | |
| 4 Jun 2025 6:00 am | B25V15451.D | 25E2442-11 @40X | 40 | |
| 4 Jun 2025 6:26 am | B25V15452.D | 25E2442-12 @50X | 50 | |
| 4 Jun 2025 6:52 am | B25V15453.D | 25E2442-13 @40X | 40 | |
| 4 Jun 2025 7:18 am | B25V15454.D | 25E2442-14 @20X | 20 | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | |
| **Blank (B406307-BLK1)** | | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | |
| 3/4-Methylphenol | ND | 10 | µg/L | | | | | | | | |
| Naphthalene | ND | 5.0 | µg/L | | | | | | | | |
| 2-Nitroaniline | ND | 10 | µg/L | | | | | | | | V-35 |
| 3-Nitroaniline | ND | 10 | µg/L | | | | | | | | |
| 4-Nitroaniline | ND | 10 | µg/L | | | | | | | | |
| Nitrobenzene | ND | 10 | µg/L | | | | | | | | |
| 2-Nitrophenol | ND | 10 | µg/L | | | | | | | | |
| 4-Nitrophenol | ND | 10 | µg/L | | | | | | | | |
| N-Nitrosodiphenylamine/Diphenylamine | ND | 10 | µg/L | | | | | | | | |
| N-Nitrosodi-n-propylamine | ND | 10 | µg/L | | | | | | | | |
| Pentachlorophenol | ND | 10 | µg/L | | | | | | | | |
| Phenanthrene | ND | 5.0 | µg/L | | | | | | | | |
| Phenol | ND | 10 | µg/L | | | | | | | | |
| Pyrene | ND | 5.0 | µg/L | | | | | | | | |
| Pyridine | ND | 20 | µg/L | | | | | | | | |
| 1,2,4,5-Tetrachlorobenzene | ND | 10 | µg/L | | | | | | | | L-04 |
| 2,4,5-Trichlorophenol | ND | 10 | µg/L | | | | | | | | |
| 2,4,6-Trichlorophenol | ND | 10 | µg/L | | | | | | | | |
| Surrogate: 2-Fluorophenol | *158* | | µg/L | 400.0 | | 39.5 | | 15-110 | | | |
| Surrogate: Phenol-d6 | *106* | | µg/L | 400.0 | | 26.4 | | 15-110 | | | |
| Surrogate: Nitrobenzene-d5 | *126* | | µg/L | 200.0 | | 62.9 | | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | *106* | | µg/L | 200.0 | | 53.1 | | 30-130 | | | |
| Surrogate: 2,4,6-Tribromophenol | *277* | | µg/L | 400.0 | | 69.3 | | 15-110 | | | |
| Surrogate: p-Terphenyl-d14 | *149* | | µg/L | 200.0 | | 74.6 | | 30-130 | | | |
| **LCS (B406307-BS1)** | | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | 62.0 | 20 | µg/L | 100.0 | | 62.0 | | 40-140 | | | |
| Atrazine | 74.8 | 20 | µg/L | 100.0 | | 74.8 | | 40-140 | | | |
| Benzaldehyde | 61.1 | 10 | µg/L | 100.0 | | 61.1 | | 40-140 | | | |
| Biphenyl | 44.6 | 20 | µg/L | 100.0 | | 44.6 | | 40-140 | | | |
| **Caprolactam** | 19.8 | 10 | µg/L | 100.0 | | **19.8** | * | 40-140 | | | L-04 |
| Acenaphthene | 44.8 | 5.0 | µg/L | 100.0 | | 44.8 | | 40-140 | | | |
| Acenaphthylene | 51.1 | 5.0 | µg/L | 100.0 | | 51.1 | | 40-140 | | | |
| Acetophenone | 68.2 | 10 | µg/L | 100.0 | | 68.2 | | 40-140 | | | |
| Aniline | 56.3 | 20 | µg/L | 100.0 | | 56.3 | | 40-140 | | | |
| Anthracene | 65.4 | 5.0 | µg/L | 100.0 | | 65.4 | | 40-140 | | | |
| Benzo(a)anthracene | 68.7 | 5.0 | µg/L | 100.0 | | 68.7 | | 40-140 | | | |
| Benzo(a)pyrene | 67.6 | 5.0 | µg/L | 100.0 | | 67.6 | | 40-140 | | | |
| Benzo(b)fluoranthene | 68.7 | 5.0 | µg/L | 100.0 | | 68.7 | | 40-140 | | | |
| Benzo(g,h,i)perylene | 68.7 | 5.0 | µg/L | 100.0 | | 68.7 | | 40-140 | | | |
| Benzo(k)fluoranthene | 71.4 | 5.0 | µg/L | 100.0 | | 71.4 | | 40-140 | | | |
| Bis(2-chloroethoxy)methane | 69.8 | 10 | µg/L | 100.0 | | 69.8 | | 40-140 | | | |
| Bis(2-chloroethyl)ether | 64.0 | 10 | µg/L | 100.0 | | 64.0 | | 40-140 | | | |
| 2,2'-oxybis(1-Chloropropane) | 71.1 | 10 | µg/L | 100.0 | | 71.1 | | 40-140 | | | |
| Bis(2-Ethylhexyl)phthalate | 62.9 | 10 | µg/L | 100.0 | | 62.9 | | 40-140 | | | |
| 4-Bromophenylphenylether | 56.5 | 10 | µg/L | 100.0 | | 56.5 | | 40-140 | | | |
| Butylbenzylphthalate | 73.2 | 10 | µg/L | 100.0 | | 73.2 | | 40-140 | | | |
| Carbazole | 69.8 | 10 | µg/L | 100.0 | | 69.8 | | 40-140 | | | |
| 4-Chloroaniline | 69.0 | 10 | µg/L | 100.0 | | 69.0 | | 40-140 | | | |
| 4-Chloro-3-methylphenol | 68.0 | 10 | µg/L | 100.0 | | 68.0 | | 30-130 | | | |
| **2-Chloronaphthalene** | 37.5 | 10 | µg/L | 100.0 | | **37.5** | * | 40-140 | | | L-04 |
| 2-Chlorophenol | 62.5 | 10 | µg/L | 100.0 | | 62.5 | | 30-130 | | | |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | | |
| **LCS (B406307-BS1)** | | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | | |
| 4-Chlorophenylphenylether | 47.8 | 10 | µg/L | 100.0 | | 47.8 | | 40-140 | | | | |
| Chrysene | 66.8 | 5.0 | µg/L | 100.0 | | 66.8 | | 40-140 | | | | |
| Dibenz(a,h)anthracene | 67.9 | 5.0 | µg/L | 100.0 | | 67.9 | | 40-140 | | | | |
| Dibenzofuran | 50.5 | 5.0 | µg/L | 100.0 | | 50.5 | | 40-140 | | | | |
| Di-n-butylphthalate | 64.8 | 10 | µg/L | 100.0 | | 64.8 | | 40-140 | | | | |
| 3,3-Dichlorobenzidine | 77.1 | 10 | µg/L | 100.0 | | 77.1 | | 40-140 | | | | |
| 2,4-Dichlorophenol | 66.8 | 10 | µg/L | 100.0 | | 66.8 | | 30-130 | | | | |
| Diethylphthalate | 64.1 | 10 | µg/L | 100.0 | | 64.1 | | 40-140 | | | | |
| 2,4-Dimethylphenol | 68.5 | 10 | µg/L | 100.0 | | 68.5 | | 30-130 | | | | |
| Dimethylphthalate | 64.3 | 10 | µg/L | 100.0 | | 64.3 | | 40-140 | | | | |
| 4,6-Dinitro-2-methylphenol | 53.5 | 20 | µg/L | 100.0 | | 53.5 | | 30-130 | | | | |
| 2,4-Dinitrophenol | 42.5 | 20 | µg/L | 100.0 | | 42.5 | | 30-130 | | | | |
| 2,4-Dinitrotoluene | 74.2 | 10 | µg/L | 100.0 | | 74.2 | | 40-140 | | | | |
| 2,6-Dinitrotoluene | 76.4 | 10 | µg/L | 100.0 | | 76.4 | | 40-140 | | | | |
| Di-n-octylphthalate | 58.0 | 10 | µg/L | 100.0 | | 58.0 | | 40-140 | | | | |
| Fluoranthene | 67.0 | 5.0 | µg/L | 100.0 | | 67.0 | | 40-140 | | | | |
| Fluorene | 54.7 | 5.0 | µg/L | 100.0 | | 54.7 | | 40-140 | | | | |
| Hexachlorobenzene | 62.6 | 10 | µg/L | 100.0 | | 62.6 | | 40-140 | | | | |
| **Hexachlorobutadiene** | 30.7 | 10 | µg/L | 100.0 | | **30.7** | * | 40-140 | | | L-04, R-05 | |
| Hexachlorocyclopentadiene | 30.4 | 10 | µg/L | 100.0 | | 30.4 | | 30-140 | | | | † |
| **Hexachloroethane** | 32.2 | 10 | µg/L | 100.0 | | **32.2** | * | 40-140 | | | L-04 | |
| Indeno(1,2,3-cd)pyrene | 69.8 | 5.0 | µg/L | 100.0 | | 69.8 | | 40-140 | | | | |
| Isophorone | 76.8 | 10 | µg/L | 100.0 | | 76.8 | | 40-140 | | | | |
| 1-Methylnaphthalene | 43.6 | 5.0 | µg/L | 100.0 | | 43.6 | | 40-140 | | | | |
| **2-Methylnaphthalene** | 39.6 | 5.0 | µg/L | 100.0 | | **39.6** | * | 40-140 | | | L-04 | |
| 2-Methylphenol | 61.6 | 10 | µg/L | 100.0 | | 61.6 | | 30-130 | | | | |
| 3/4-Methylphenol | 58.5 | 10 | µg/L | 100.0 | | 58.5 | | 30-130 | | | | |
| Naphthalene | 47.3 | 5.0 | µg/L | 100.0 | | 47.3 | | 40-140 | | | | |
| 2-Nitroaniline | 81.6 | 10 | µg/L | 100.0 | | 81.6 | | 40-140 | | | V-35 | |
| 3-Nitroaniline | 75.1 | 10 | µg/L | 100.0 | | 75.1 | | 40-140 | | | | |
| 4-Nitroaniline | 72.4 | 10 | µg/L | 100.0 | | 72.4 | | 40-140 | | | | |
| Nitrobenzene | 67.6 | 10 | µg/L | 100.0 | | 67.6 | | 40-140 | | | | |
| 2-Nitrophenol | 65.4 | 10 | µg/L | 100.0 | | 65.4 | | 30-130 | | | | |
| 4-Nitrophenol | 33.3 | 10 | µg/L | 100.0 | | 33.3 | | 10-130 | | | | † |
| N-Nitrosodiphenylamine/Diphenylamine | 67.9 | 10 | µg/L | 100.0 | | 67.9 | | 40-140 | | | | |
| N-Nitrosodi-n-propylamine | 66.9 | 10 | µg/L | 100.0 | | 66.9 | | 40-140 | | | | |
| Pentachlorophenol | 55.1 | 10 | µg/L | 100.0 | | 55.1 | | 30-130 | | | | |
| Phenanthrene | 63.9 | 5.0 | µg/L | 100.0 | | 63.9 | | 40-140 | | | | |
| Phenol | 32.6 | 10 | µg/L | 100.0 | | 32.6 | | 20-130 | | | | † |
| Pyrene | 68.4 | 5.0 | µg/L | 100.0 | | 68.4 | | 40-140 | | | | |
| Pyridine | 39.0 | 20 | µg/L | 100.0 | | 39.0 | | 10-140 | | | | † |
| **1,2,4,5-Tetrachlorobenzene** | 34.9 | 10 | µg/L | 100.0 | | **34.9** | * | 40-140 | | | L-04 | |
| 2,4,5-Trichlorophenol | 62.6 | 10 | µg/L | 100.0 | | 62.6 | | 30-130 | | | | |
| 2,4,6-Trichlorophenol | 60.7 | 10 | µg/L | 100.0 | | 60.7 | | 30-130 | | | | |
| Surrogate: 2-Fluorophenol | *193* | | µg/L | 400.0 | | 48.3 | | 15-110 | | | | |
| Surrogate: Phenol-d6 | *151* | | µg/L | 400.0 | | 37.8 | | 15-110 | | | | |
| Surrogate: Nitrobenzene-d5 | *147* | | µg/L | 200.0 | | 73.7 | | 30-130 | | | | |
| Surrogate: 2-Fluorobiphenyl | *132* | | µg/L | 200.0 | | 66.2 | | 30-130 | | | | |
| Surrogate: 2,4,6-Tribromophenol | *325* | | µg/L | 400.0 | | 81.2 | | 15-110 | | | | |
| Surrogate: p-Terphenyl-d14 | *157* | | µg/L | 200.0 | | 78.7 | | 30-130 | | | | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | | RPD Limit | Notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | | | |
| **LCS Dup (B406307-BSD1)** | | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | 70.2 | 20 | µg/L | 100.0 | | 70.2 | | 40-140 | 12.4 | | 20 | | |
| Atrazine | 74.5 | 20 | µg/L | 100.0 | | 74.5 | | 40-140 | 0.362 | | 20 | | |
| Benzaldehyde | 60.5 | 10 | µg/L | 100.0 | | 60.5 | | 40-140 | 1.00 | | 20 | | |
| Biphenyl | 43.0 | 20 | µg/L | 100.0 | | 43.0 | | 40-140 | 3.83 | | 20 | | |
| **Caprolactam** | 19.3 | 10 | µg/L | 100.0 | | **19.3** | * | 40-140 | 2.51 | | 20 | L-04 | |
| Acenaphthene | 46.6 | 5.0 | µg/L | 100.0 | | 46.6 | | 40-140 | 4.03 | | 20 | | |
| Acenaphthylene | 51.3 | 5.0 | µg/L | 100.0 | | 51.3 | | 40-140 | 0.371 | | 20 | | |
| Acetophenone | 68.0 | 10 | µg/L | 100.0 | | 68.0 | | 40-140 | 0.338 | | 20 | | |
| Aniline | 49.7 | 20 | µg/L | 100.0 | | 49.7 | | 40-140 | 12.4 | | 50 | | ‡ |
| Anthracene | 65.6 | 5.0 | µg/L | 100.0 | | 65.6 | | 40-140 | 0.260 | | 20 | | |
| Benzo(a)anthracene | 68.4 | 5.0 | µg/L | 100.0 | | 68.4 | | 40-140 | 0.423 | | 20 | | |
| Benzo(a)pyrene | 68.2 | 5.0 | µg/L | 100.0 | | 68.2 | | 40-140 | 0.987 | | 20 | | |
| Benzo(b)fluoranthene | 68.6 | 5.0 | µg/L | 100.0 | | 68.6 | | 40-140 | 0.0583 | | 20 | | |
| Benzo(g,h,i)perylene | 70.4 | 5.0 | µg/L | 100.0 | | 70.4 | | 40-140 | 2.50 | | 20 | | |
| Benzo(k)fluoranthene | 71.1 | 5.0 | µg/L | 100.0 | | 71.1 | | 40-140 | 0.463 | | 20 | | |
| Bis(2-chloroethoxy)methane | 69.0 | 10 | µg/L | 100.0 | | 69.0 | | 40-140 | 1.05 | | 20 | | |
| Bis(2-chloroethyl)ether | 63.6 | 10 | µg/L | 100.0 | | 63.6 | | 40-140 | 0.533 | | 20 | | |
| 2,2'-oxybis(1-Chloropropane) | 70.0 | 10 | µg/L | 100.0 | | 70.0 | | 40-140 | 1.54 | | 20 | | |
| Bis(2-Ethylhexyl)phthalate | 61.9 | 10 | µg/L | 100.0 | | 61.9 | | 40-140 | 1.60 | | 20 | | |
| 4-Bromophenylphenylether | 56.7 | 10 | µg/L | 100.0 | | 56.7 | | 40-140 | 0.406 | | 20 | | |
| Butylbenzylphthalate | 71.4 | 10 | µg/L | 100.0 | | 71.4 | | 40-140 | 2.48 | | 20 | | |
| Carbazole | 71.6 | 10 | µg/L | 100.0 | | 71.6 | | 40-140 | 2.54 | | 20 | | |
| 4-Chloroaniline | 66.4 | 10 | µg/L | 100.0 | | 66.4 | | 40-140 | 3.80 | | 20 | | |
| 4-Chloro-3-methylphenol | 67.4 | 10 | µg/L | 100.0 | | 67.4 | | 30-130 | 0.975 | | 20 | | |
| **2-Chloronaphthalene** | 37.6 | 10 | µg/L | 100.0 | | **37.6** | * | 40-140 | 0.346 | | 20 | L-04 | |
| 2-Chlorophenol | 63.3 | 10 | µg/L | 100.0 | | 63.3 | | 30-130 | 1.30 | | 20 | | |
| 4-Chlorophenylphenylether | 50.2 | 10 | µg/L | 100.0 | | 50.2 | | 40-140 | 4.96 | | 20 | | |
| Chrysene | 67.6 | 5.0 | µg/L | 100.0 | | 67.6 | | 40-140 | 1.12 | | 20 | | |
| Dibenz(a,h)anthracene | 68.5 | 5.0 | µg/L | 100.0 | | 68.5 | | 40-140 | 0.968 | | 20 | | |
| Dibenzofuran | 51.6 | 5.0 | µg/L | 100.0 | | 51.6 | | 40-140 | 2.17 | | 20 | | |
| Di-n-butylphthalate | 64.6 | 10 | µg/L | 100.0 | | 64.6 | | 40-140 | 0.294 | | 20 | | |
| 3,3-Dichlorobenzidine | 79.0 | 10 | µg/L | 100.0 | | 79.0 | | 40-140 | 2.47 | | 20 | | |
| 2,4-Dichlorophenol | 67.6 | 10 | µg/L | 100.0 | | 67.6 | | 30-130 | 1.22 | | 20 | | |
| Diethylphthalate | 65.2 | 10 | µg/L | 100.0 | | 65.2 | | 40-140 | 1.66 | | 20 | | |
| 2,4-Dimethylphenol | 73.3 | 10 | µg/L | 100.0 | | 73.3 | | 30-130 | 6.70 | | 20 | | |
| Dimethylphthalate | 65.2 | 10 | µg/L | 100.0 | | 65.2 | | 40-140 | 1.37 | | 50 | | ‡ |
| 4,6-Dinitro-2-methylphenol | 64.2 | 20 | µg/L | 100.0 | | 64.2 | | 30-130 | 18.2 | | 50 | | ‡ |
| 2,4-Dinitrophenol | 58.1 | 20 | µg/L | 100.0 | | 58.1 | | 30-130 | 31.1 | | 50 | | ‡ |
| 2,4-Dinitrotoluene | 75.6 | 10 | µg/L | 100.0 | | 75.6 | | 40-140 | 1.85 | | 20 | | |
| 2,6-Dinitrotoluene | 77.3 | 10 | µg/L | 100.0 | | 77.3 | | 40-140 | 1.13 | | 20 | | |
| Di-n-octylphthalate | 56.5 | 10 | µg/L | 100.0 | | 56.5 | | 40-140 | 2.48 | | 20 | | |
| Fluoranthene | 67.7 | 5.0 | µg/L | 100.0 | | 67.7 | | 40-140 | 1.08 | | 20 | | |
| Fluorene | 56.1 | 5.0 | µg/L | 100.0 | | 56.1 | | 40-140 | 2.44 | | 20 | | |
| Hexachlorobenzene | 63.6 | 10 | µg/L | 100.0 | | 63.6 | | 40-140 | 1.62 | | 20 | | |
| **Hexachlorobutadiene** | 22.9 | 10 | µg/L | 100.0 | | **22.9** | * | 40-140 | **28.8** | * | 20 | L-04, R-05 | |
| **Hexachlorocyclopentadiene** | 25.5 | 10 | µg/L | 100.0 | | **25.5** | * | 30-140 | 17.6 | | 50 | L-07 | † ‡ |
| **Hexachloroethane** | 23.9 | 10 | µg/L | 100.0 | | **23.9** | * | 40-140 | 29.6 | | 50 | L-04 | ‡ |
| Indeno(1,2,3-cd)pyrene | 72.0 | 5.0 | µg/L | 100.0 | | 72.0 | | 40-140 | 3.03 | | 50 | | ‡ |
| Isophorone | 75.4 | 10 | µg/L | 100.0 | | 75.4 | | 40-140 | 1.84 | | 20 | | |
| 1-Methylnaphthalene | 40.2 | 5.0 | µg/L | 100.0 | | 40.2 | | 40-140 | 8.11 | | 20 | | |
| **2-Methylnaphthalene** | 36.6 | 5.0 | µg/L | 100.0 | | **36.6** | * | 40-140 | 7.80 | | 20 | L-04 | |
| 2-Methylphenol | 59.0 | 10 | µg/L | 100.0 | | 59.0 | | 30-130 | 4.34 | | 20 | | |

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | | |
| **LCS Dup (B406307-BSD1)** | | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | | |
| 3/4-Methylphenol | 57.2 | 10 | µg/L | 100.0 | | 57.2 | | 30-130 | 2.30 | 20 | | |
| Naphthalene | 44.3 | 5.0 | µg/L | 100.0 | | 44.3 | | 40-140 | 6.53 | 20 | | |
| 2-Nitroaniline | 80.2 | 10 | µg/L | 100.0 | | 80.2 | | 40-140 | 1.73 | 20 | V-35 | |
| 3-Nitroaniline | 76.0 | 10 | µg/L | 100.0 | | 76.0 | | 40-140 | 1.17 | 20 | | |
| 4-Nitroaniline | 74.6 | 10 | µg/L | 100.0 | | 74.6 | | 40-140 | 2.98 | 20 | | |
| Nitrobenzene | 68.1 | 10 | µg/L | 100.0 | | 68.1 | | 40-140 | 0.737 | 20 | | |
| 2-Nitrophenol | 66.6 | 10 | µg/L | 100.0 | | 66.6 | | 30-130 | 1.92 | 20 | | |
| 4-Nitrophenol | 42.5 | 10 | µg/L | 100.0 | | 42.5 | | 10-130 | 24.1 | 50 | | † ‡ |
| N-Nitrosodiphenylamine/Diphenylamine | 69.0 | 10 | µg/L | 100.0 | | 69.0 | | 40-140 | 1.50 | 20 | | |
| N-Nitrosodi-n-propylamine | 65.0 | 10 | µg/L | 100.0 | | 65.0 | | 40-140 | 2.91 | 20 | | |
| Pentachlorophenol | 65.8 | 10 | µg/L | 100.0 | | 65.8 | | 30-130 | 17.7 | 50 | | ‡ |
| Phenanthrene | 64.6 | 5.0 | µg/L | 100.0 | | 64.6 | | 40-140 | 1.15 | 20 | | |
| Phenol | 32.4 | 10 | µg/L | 100.0 | | 32.4 | | 20-130 | 0.554 | 20 | | † |
| Pyrene | 67.0 | 5.0 | µg/L | 100.0 | | 67.0 | | 40-140 | 1.99 | 20 | | |
| Pyridine | 32.8 | 20 | µg/L | 100.0 | | 32.8 | | 10-140 | 17.1 | 50 | | † ‡ |
| **1,2,4,5-Tetrachlorobenzene** | 32.5 | 10 | µg/L | 100.0 | | **32.5** | * | 40-140 | 7.21 | 20 | L-04 | |
| 2,4,5-Trichlorophenol | 66.4 | 10 | µg/L | 100.0 | | 66.4 | | 30-130 | 5.86 | 20 | | |
| 2,4,6-Trichlorophenol | 66.6 | 10 | µg/L | 100.0 | | 66.6 | | 30-130 | 9.16 | 50 | | ‡ |
| Surrogate: 2-Fluorophenol | *191* | | µg/L | 400.0 | | 47.8 | | 15-110 | | | | |
| Surrogate: Phenol-d6 | *137* | | µg/L | 400.0 | | 34.1 | | 15-110 | | | | |
| Surrogate: Nitrobenzene-d5 | *134* | | µg/L | 200.0 | | 67.2 | | 30-130 | | | | |
| Surrogate: 2-Fluorobiphenyl | *125* | | µg/L | 200.0 | | 62.5 | | 30-130 | | | | |
| Surrogate: 2,4,6-Tribromophenol | *318* | | µg/L | 400.0 | | 79.5 | | 15-110 | | | | |
| Surrogate: p-Terphenyl-d14 | *142* | | µg/L | 200.0 | | 70.8 | | 30-130 | | | | |
| **Matrix Spike (B406307-MS1)** | | **Source: 25E2355-08** | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | 76.0 | 21 | µg/L | 106.1 | ND | 71.7 | | 40-140 | | | | |
| Atrazine | 85.1 | 21 | µg/L | 106.1 | ND | 80.2 | | 40-140 | | | | |
| Benzaldehyde | 73.6 | 11 | µg/L | 106.1 | ND | 69.4 | | 40-140 | | | | |
| Biphenyl | 45.1 | 21 | µg/L | 106.1 | ND | 42.6 | | 40-140 | | | | |
| **Caprolactam** | 22.6 | 11 | µg/L | 106.1 | ND | **21.3** | * | 40-140 | | | MS-09 | |
| Acenaphthene | 56.4 | 5.3 | µg/L | 106.1 | 5.86 | 47.6 | | 40-140 | | | | |
| Acenaphthylene | 56.8 | 5.3 | µg/L | 106.1 | ND | 53.5 | | 40-140 | | | | |
| Acetophenone | 81.6 | 11 | µg/L | 106.1 | ND | 76.9 | | 40-140 | | | | |
| Aniline | 66.5 | 21 | µg/L | 106.1 | ND | 62.7 | | 40-140 | | | | |
| Anthracene | 79.5 | 5.3 | µg/L | 106.1 | ND | 75.0 | | 40-140 | | | | |
| Benzo(a)anthracene | 84.1 | 5.3 | µg/L | 106.1 | ND | 79.3 | | 40-140 | | | | |
| Benzo(a)pyrene | 84.4 | 5.3 | µg/L | 106.1 | ND | 79.6 | | 40-140 | | | | |
| Benzo(b)fluoranthene | 83.4 | 5.3 | µg/L | 106.1 | ND | 78.6 | | 40-140 | | | | |
| Benzo(g,h,i)perylene | 90.2 | 5.3 | µg/L | 106.1 | ND | 85.1 | | 40-140 | | | | |
| Benzo(k)fluoranthene | 87.5 | 5.3 | µg/L | 106.1 | ND | 82.5 | | 40-140 | | | | |
| Bis(2-chloroethoxy)methane | 82.8 | 11 | µg/L | 106.1 | ND | 78.1 | | 40-140 | | | | |
| Bis(2-chloroethyl)ether | 78.1 | 11 | µg/L | 106.1 | ND | 73.6 | | 40-140 | | | | |
| 2,2'-oxybis(1-Chloropropane) | 83.6 | 11 | µg/L | 106.1 | ND | 78.8 | | 40-140 | | | | |
| Bis(2-Ethylhexyl)phthalate | 77.7 | 11 | µg/L | 106.1 | ND | 73.3 | | 40-140 | | | | |
| 4-Bromophenylphenylether | 67.1 | 11 | µg/L | 106.1 | ND | 63.2 | | 40-140 | | | | |
| Butylbenzylphthalate | 89.4 | 11 | µg/L | 106.1 | ND | 84.3 | | 40-140 | | | | |
| Carbazole | 85.2 | 11 | µg/L | 106.1 | ND | 80.3 | | 40-140 | | | | |
| 4-Chloroaniline | 79.2 | 11 | µg/L | 106.1 | ND | 74.7 | | 40-140 | | | | |
| 4-Chloro-3-methylphenol | 79.4 | 11 | µg/L | 106.1 | ND | 74.8 | | 30-130 | | | | |
| **2-Chloronaphthalene** | 39.4 | 11 | µg/L | 106.1 | ND | **37.1** | * | 40-140 | | | MS-09 | |
| 2-Chlorophenol | 75.9 | 11 | µg/L | 106.1 | ND | 71.5 | | 30-130 | | | | |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | |
| **Matrix Spike (B406307-MS1)** | **Source: 25E2355-08** | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | |
| 4-Chlorophenylphenylether | 55.1 | 11 | µg/L | 106.1 | ND | 51.9 | | 40-140 | | | |
| Chrysene | 81.8 | 5.3 | µg/L | 106.1 | ND | 77.1 | | 40-140 | | | |
| Dibenz(a,h)anthracene | 87.5 | 5.3 | µg/L | 106.1 | ND | 82.5 | | 40-140 | | | |
| Dibenzofuran | 57.5 | 5.3 | µg/L | 106.1 | ND | 54.2 | | 40-140 | | | |
| Di-n-butylphthalate | 79.7 | 11 | µg/L | 106.1 | ND | 75.2 | | 40-140 | | | |
| 3,3-Dichlorobenzidine | 92.0 | 11 | µg/L | 106.1 | ND | 86.7 | | 40-140 | | | |
| 2,4-Dichlorophenol | 79.8 | 11 | µg/L | 106.1 | ND | 75.3 | | 30-130 | | | |
| Diethylphthalate | 76.0 | 11 | µg/L | 106.1 | ND | 71.7 | | 40-140 | | | |
| 2,4-Dimethylphenol | 80.8 | 11 | µg/L | 106.1 | ND | 76.2 | | 30-130 | | | |
| Dimethylphthalate | 76.8 | 11 | µg/L | 106.1 | ND | 72.4 | | 40-140 | | | |
| 4,6-Dinitro-2-methylphenol | 59.3 | 21 | µg/L | 106.1 | ND | 55.9 | | 30-130 | | | |
| 2,4-Dinitrophenol | 39.6 | 21 | µg/L | 106.1 | ND | 37.3 | | 30-130 | | | |
| 2,4-Dinitrotoluene | 84.9 | 11 | µg/L | 106.1 | ND | 80.0 | | 40-140 | | | |
| 2,6-Dinitrotoluene | 90.3 | 11 | µg/L | 106.1 | ND | 85.1 | | 40-140 | | | |
| Di-n-octylphthalate | 73.5 | 11 | µg/L | 106.1 | ND | 69.3 | | 40-140 | | | |
| Fluoranthene | 82.0 | 5.3 | µg/L | 106.1 | ND | 77.3 | | 40-140 | | | |
| Fluorene | 65.2 | 5.3 | µg/L | 106.1 | 0.903 | 60.6 | | 40-140 | | | |
| Hexachlorobenzene | 74.1 | 11 | µg/L | 106.1 | ND | 69.8 | | 40-140 | | | |
| **Hexachlorobutadiene** | 24.8 | 11 | µg/L | 106.1 | ND | **23.4** | * | 40-140 | | | MS-09 |
| **Hexachlorocyclopentadiene** | 24.7 | 11 | µg/L | 106.1 | ND | **23.3** | * | 30-130 | | | MS-09 |
| **Hexachloroethane** | 27.3 | 11 | µg/L | 106.1 | ND | **25.7** | * | 40-140 | | | MS-09 |
| Indeno(1,2,3-cd)pyrene | 89.9 | 5.3 | µg/L | 106.1 | ND | 84.8 | | 40-140 | | | |
| Isophorone | 90.1 | 11 | µg/L | 106.1 | ND | 84.9 | | 40-140 | | | |
| 1-Methylnaphthalene | 49.1 | 5.3 | µg/L | 106.1 | 3.38 | 43.1 | | 40-140 | | | |
| **2-Methylnaphthalene** | 39.0 | 5.3 | µg/L | 106.1 | ND | **36.7** | * | 40-140 | | | MS-09 |
| 2-Methylphenol | 72.2 | 11 | µg/L | 106.1 | ND | 68.0 | | 30-130 | | | |
| 3/4-Methylphenol | 69.3 | 11 | µg/L | 106.1 | ND | 65.4 | | 30-130 | | | |
| Naphthalene | 51.9 | 5.3 | µg/L | 106.1 | 1.67 | 47.4 | | 40-140 | | | |
| 2-Nitroaniline | 92.3 | 11 | µg/L | 106.1 | ND | 87.0 | | 40-140 | | | V-35 |
| 3-Nitroaniline | 85.5 | 11 | µg/L | 106.1 | ND | 80.6 | | 40-140 | | | |
| 4-Nitroaniline | 83.4 | 11 | µg/L | 106.1 | ND | 78.7 | | 40-140 | | | |
| Nitrobenzene | 80.0 | 11 | µg/L | 106.1 | ND | 75.4 | | 40-140 | | | |
| 2-Nitrophenol | 76.8 | 11 | µg/L | 106.1 | ND | 72.4 | | 30-130 | | | |
| 4-Nitrophenol | 38.2 | 11 | µg/L | 106.1 | ND | 36.0 | | 30-130 | | | |
| N-Nitrosodiphenylamine/Diphenylamine | 82.1 | 11 | µg/L | 106.1 | ND | 77.4 | | 40-140 | | | |
| N-Nitrosodi-n-propylamine | 78.4 | 11 | µg/L | 106.1 | ND | 73.9 | | 40-140 | | | |
| Pentachlorophenol | 72.9 | 11 | µg/L | 106.1 | ND | 68.7 | | 30-130 | | | |
| Phenanthrene | 77.6 | 5.3 | µg/L | 106.1 | ND | 73.1 | | 40-140 | | | |
| Phenol | 39.2 | 11 | µg/L | 106.1 | ND | 36.9 | | 30-130 | | | |
| Pyrene | 82.9 | 5.3 | µg/L | 106.1 | ND | 78.2 | | 40-140 | | | |
| Pyridine | 48.4 | 21 | µg/L | 106.1 | ND | 45.6 | | 40-140 | | | |
| **1,2,4,5-Tetrachlorobenzene** | 31.8 | 11 | µg/L | 106.1 | ND | **30.0** | * | 40-140 | | | MS-09 |
| 2,4,5-Trichlorophenol | 78.0 | 11 | µg/L | 106.1 | ND | 73.6 | | 30-130 | | | |
| 2,4,6-Trichlorophenol | 75.1 | 11 | µg/L | 106.1 | ND | 70.8 | | 30-130 | | | |
| Surrogate: 2-Fluorophenol | *220* | | µg/L | 424.2 | | 51.9 | | 15-110 | | | |
| Surrogate: Phenol-d6 | *166* | | µg/L | 424.2 | | 39.1 | | 15-110 | | | |
| Surrogate: Nitrobenzene-d5 | *157* | | µg/L | 212.1 | | 74.1 | | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | *139* | | µg/L | 212.1 | | 65.4 | | 30-130 | | | |
| Surrogate: 2,4,6-Tribromophenol | *357* | | µg/L | 424.2 | | 84.2 | | 15-110 | | | |
| Surrogate: p-Terphenyl-d14 | *172* | | µg/L | 212.1 | | 81.3 | | 30-130 | | | |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | |
| **Matrix Spike Dup (B406307-MSD1)** | **Source: 25E2355-08** | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | |
| 2,3,4,6-Tetrachlorophenol | 73.9 | 22 | µg/L | 109.1 | ND | 67.7 | | 40-140 | 2.77 | 30 | |
| Atrazine | 85.8 | 22 | µg/L | 109.1 | ND | 78.6 | | 40-140 | 0.782 | 30 | |
| Benzaldehyde | 70.5 | 11 | µg/L | 109.1 | ND | 64.6 | | 40-140 | 4.25 | 30 | |
| **Biphenyl** | 43.5 | 22 | µg/L | 109.1 | ND | **39.8** | * | 40-140 | 3.71 | 30 | MS-22 |
| **Caprolactam** | 24.7 | 11 | µg/L | 109.1 | ND | **22.6** | * | 40-140 | 8.83 | 30 | MS-09 |
| Acenaphthene | 53.8 | 5.5 | µg/L | 109.1 | 5.86 | 44.0 | | 40-140 | 4.59 | 30 | |
| Acenaphthylene | 55.6 | 5.5 | µg/L | 109.1 | ND | 50.9 | | 40-140 | 2.09 | 30 | |
| Acetophenone | 78.6 | 11 | µg/L | 109.1 | ND | 72.0 | | 40-140 | 3.73 | 30 | |
| Aniline | 61.6 | 22 | µg/L | 109.1 | ND | 56.4 | | 40-140 | 7.59 | 30 | |
| Anthracene | 78.3 | 5.5 | µg/L | 109.1 | ND | 71.7 | | 40-140 | 1.63 | 30 | |
| Benzo(a)anthracene | 82.4 | 5.5 | µg/L | 109.1 | ND | 75.5 | | 40-140 | 2.01 | 30 | |
| Benzo(a)pyrene | 83.8 | 5.5 | µg/L | 109.1 | ND | 76.7 | | 40-140 | 0.723 | 30 | |
| Benzo(b)fluoranthene | 82.5 | 5.5 | µg/L | 109.1 | ND | 75.6 | | 40-140 | 1.07 | 30 | |
| Benzo(g,h,i)perylene | 87.8 | 5.5 | µg/L | 109.1 | ND | 80.5 | | 40-140 | 2.69 | 30 | |
| Benzo(k)fluoranthene | 85.6 | 5.5 | µg/L | 109.1 | ND | 78.4 | | 40-140 | 2.25 | 30 | |
| Bis(2-chloroethoxy)methane | 81.2 | 11 | µg/L | 109.1 | ND | 74.4 | | 40-140 | 1.94 | 30 | |
| Bis(2-chloroethyl)ether | 75.2 | 11 | µg/L | 109.1 | ND | 68.9 | | 40-140 | 3.84 | 30 | |
| 2,2'-oxybis(1-Chloropropane) | 81.9 | 11 | µg/L | 109.1 | ND | 75.1 | | 40-140 | 1.96 | 30 | |
| Bis(2-Ethylhexyl)phthalate | 72.6 | 11 | µg/L | 109.1 | ND | 66.5 | | 40-140 | 6.85 | 30 | |
| 4-Bromophenylphenylether | 65.2 | 11 | µg/L | 109.1 | ND | 59.8 | | 40-140 | 2.75 | 30 | |
| Butylbenzylphthalate | 85.8 | 11 | µg/L | 109.1 | ND | 78.6 | | 40-140 | 4.12 | 30 | |
| Carbazole | 86.1 | 11 | µg/L | 109.1 | ND | 78.9 | | 40-140 | 1.00 | 30 | |
| 4-Chloroaniline | 78.6 | 11 | µg/L | 109.1 | ND | 72.0 | | 40-140 | 0.851 | 30 | |
| 4-Chloro-3-methylphenol | 79.3 | 11 | µg/L | 109.1 | ND | 72.6 | | 30-130 | 0.111 | 30 | |
| **2-Chloronaphthalene** | 39.0 | 11 | µg/L | 109.1 | ND | **35.7** | * | 40-140 | 0.997 | 30 | MS-09 |
| 2-Chlorophenol | 72.3 | 11 | µg/L | 109.1 | ND | 66.3 | | 30-130 | 4.79 | 30 | |
| 4-Chlorophenylphenylether | 56.3 | 11 | µg/L | 109.1 | ND | 51.5 | | 40-140 | 2.12 | 30 | |
| Chrysene | 78.5 | 5.5 | µg/L | 109.1 | ND | 71.9 | | 40-140 | 4.11 | 30 | |
| Dibenz(a,h)anthracene | 83.7 | 5.5 | µg/L | 109.1 | ND | 76.7 | | 40-140 | 4.39 | 30 | |
| Dibenzofuran | 57.2 | 5.5 | µg/L | 109.1 | ND | 52.4 | | 40-140 | 0.503 | 30 | |
| Di-n-butylphthalate | 76.6 | 11 | µg/L | 109.1 | ND | 70.1 | | 40-140 | 4.04 | 30 | |
| 3,3-Dichlorobenzidine | 89.7 | 11 | µg/L | 109.1 | ND | 82.1 | | 40-140 | 2.59 | 30 | |
| 2,4-Dichlorophenol | 78.6 | 11 | µg/L | 109.1 | ND | 72.0 | | 30-130 | 1.53 | 30 | |
| Diethylphthalate | 75.3 | 11 | µg/L | 109.1 | ND | 69.0 | | 40-140 | 1.02 | 30 | |
| 2,4-Dimethylphenol | 79.8 | 11 | µg/L | 109.1 | ND | 73.1 | | 30-130 | 1.27 | 30 | |
| Dimethylphthalate | 76.2 | 11 | µg/L | 109.1 | ND | 69.8 | | 40-140 | 0.813 | 30 | |
| 4,6-Dinitro-2-methylphenol | 52.5 | 22 | µg/L | 109.1 | ND | 48.1 | | 30-130 | 12.2 | 30 | |
| **2,4-Dinitrophenol** | 32.0 | 22 | µg/L | 109.1 | ND | **29.3** | * | 30-130 | 21.2 | 30 | MS-22 |
| 2,4-Dinitrotoluene | 86.6 | 11 | µg/L | 109.1 | ND | 79.4 | | 40-140 | 2.04 | 30 | |
| 2,6-Dinitrotoluene | 90.1 | 11 | µg/L | 109.1 | ND | 82.6 | | 40-140 | 0.146 | 30 | |
| Di-n-octylphthalate | 69.6 | 11 | µg/L | 109.1 | ND | 63.8 | | 40-140 | 5.43 | 30 | |
| Fluoranthene | 80.3 | 5.5 | µg/L | 109.1 | ND | 73.6 | | 40-140 | 2.01 | 30 | |
| Fluorene | 65.5 | 5.5 | µg/L | 109.1 | 0.903 | 59.2 | | 40-140 | 0.468 | 30 | |
| Hexachlorobenzene | 73.9 | 11 | µg/L | 109.1 | ND | 67.7 | | 40-140 | 0.255 | 30 | |
| **Hexachlorobutadiene** | 20.1 | 11 | µg/L | 109.1 | ND | **18.4** | * | 40-140 | 21.1 | 30 | MS-09 |
| **Hexachlorocyclopentadiene** | 23.8 | 11 | µg/L | 109.1 | ND | **21.8** | * | 30-130 | 3.78 | 30 | MS-09 |
| **Hexachloroethane** | 20.9 | 11 | µg/L | 109.1 | ND | **19.2** | * | 40-140 | 26.3 | 30 | MS-09 |
| Indeno(1,2,3-cd)pyrene | 87.8 | 5.5 | µg/L | 109.1 | ND | 80.4 | | 40-140 | 2.38 | 30 | |
| Isophorone | 89.6 | 11 | µg/L | 109.1 | ND | 82.0 | | 40-140 | 0.554 | 30 | |
| **1-Methylnaphthalene** | 43.8 | 5.5 | µg/L | 109.1 | 3.38 | **37.1** | * | 40-140 | 11.2 | 30 | MS-22 |
| **2-Methylnaphthalene** | 36.7 | 5.5 | µg/L | 109.1 | ND | **33.6** | * | 40-140 | 6.00 | 30 | MS-09 |
| 2-Methylphenol | 70.0 | 11 | µg/L | 109.1 | ND | 64.2 | | 30-130 | 3.00 | 30 | |

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**QUALITY CONTROL**

**Semivolatile Organic Compounds by GC/MS - Quality Control**

| Analyte | Result | Reporting Limit | Units | Spike Level | Source Result | %REC | | %REC Limits | RPD | RPD Limit | Notes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Batch B406307 - SW-846 3510C** | | | | | | | | | | | |
| **Matrix Spike Dup (B406307-MSD1)** | **Source: 25E2355-08** | | | Prepared: 05/31/25 Analyzed: 06/09/25 | | | | | | | |
| 3/4-Methylphenol | 68.4 | 11 | µg/L | 109.1 | ND | 62.6 | | 30-130 | 1.38 | 30 | |
| Naphthalene | 49.3 | 5.5 | µg/L | 109.1 | 1.67 | 43.6 | | 40-140 | 5.25 | 30 | |
| 2-Nitroaniline | 95.3 | 11 | µg/L | 109.1 | ND | 87.3 | | 40-140 | 3.19 | 30 | V-35 |
| 3-Nitroaniline | 90.8 | 11 | µg/L | 109.1 | ND | 83.2 | | 40-140 | 6.09 | 30 | |
| 4-Nitroaniline | 85.6 | 11 | µg/L | 109.1 | ND | 78.4 | | 40-140 | 2.58 | 30 | |
| Nitrobenzene | 79.2 | 11 | µg/L | 109.1 | ND | 72.6 | | 40-140 | 1.01 | 30 | |
| 2-Nitrophenol | 78.0 | 11 | µg/L | 109.1 | ND | 71.4 | | 30-130 | 1.54 | 30 | |
| 4-Nitrophenol | 35.2 | 11 | µg/L | 109.1 | ND | 32.3 | | 30-130 | 8.06 | 30 | |
| N-Nitrosodiphenylamine/Diphenylamine | 79.4 | 11 | µg/L | 109.1 | ND | 72.8 | | 40-140 | 3.24 | 30 | |
| N-Nitrosodi-n-propylamine | 78.5 | 11 | µg/L | 109.1 | ND | 71.9 | | 40-140 | 0.0744 | 30 | |
| Pentachlorophenol | 66.7 | 11 | µg/L | 109.1 | ND | 61.1 | | 30-130 | 8.83 | 30 | |
| Phenanthrene | 76.8 | 5.5 | µg/L | 109.1 | ND | 70.4 | | 40-140 | 1.00 | 30 | |
| Phenol | 40.5 | 11 | µg/L | 109.1 | ND | 37.1 | | 30-130 | 3.39 | 30 | |
| Pyrene | 79.8 | 5.5 | µg/L | 109.1 | ND | 73.1 | | 40-140 | 3.86 | 30 | |
| Pyridine | 45.6 | 22 | µg/L | 109.1 | ND | 41.8 | | 40-140 | 5.94 | 30 | |
| **1,2,4,5-Tetrachlorobenzene** | 30.4 | 11 | µg/L | 109.1 | ND | **27.8** | * | 40-140 | 4.57 | 30 | MS-09 |
| 2,4,5-Trichlorophenol | 76.6 | 11 | µg/L | 109.1 | ND | 70.1 | | 30-130 | 1.90 | 30 | |
| 2,4,6-Trichlorophenol | 72.7 | 11 | µg/L | 109.1 | ND | 66.6 | | 30-130 | 3.14 | 30 | |
| Surrogate: 2-Fluorophenol | *218* | | µg/L | 436.6 | | 49.9 | | 15-110 | | | |
| Surrogate: Phenol-d6 | *168* | | µg/L | 436.6 | | 38.4 | | 15-110 | | | |
| Surrogate: Nitrobenzene-d5 | *157* | | µg/L | 218.3 | | 71.8 | | 30-130 | | | |
| Surrogate: 2-Fluorobiphenyl | *143* | | µg/L | 218.3 | | 65.5 | | 30-130 | | | |
| Surrogate: 2,4,6-Tribromophenol | *354* | | µg/L | 436.6 | | 81.0 | | 15-110 | | | |
| Surrogate: p-Terphenyl-d14 | *166* | | µg/L | 218.3 | | 76.2 | | 30-130 | | | |

25E2450 XS

Paco Analytical

Phone: 413-525-2332
39 Spruce St
East Longmeadow, MA 01028

https://www.pacelabs.com/

Doc # 380 Rev 1_03242017

Page 1 of 1

# CHAIN OF CUSTODY RECORD (New York)

Contact: https://www.pacelabs.com/contact-us/contact-environmental-sciences/

Company Name: NYS DEC | Consultant: AECOM
Consultant Address: 625 3rd Ave NY NY
Consultant Phone: 646-739-0054
Callout Project Name: College Pt 3
Project Location: Queens NY
Callout Number:
Site/Spill Number:
Project Manager: Chuck Dusel
Pace Analytical Quote Name/Number: Chuck Dusel 60
Invoice Recipient: Chuck Dusel
Sampled By: Gianna Dini / Evan Ostrow

**Requested Turnaround Time**
DEC Standard 30-calendar day
Due Date: Standard

**Rush (Prior Approval Required)**
1-Day ☐ 2-Day ☐ 3-Day ☐
4-Day ☐ 5-Day ☐ 10-Day ☐

**Data Delivery**
Format: PDF ☑ EXCEL ☐
Other: EQuIS / ASTM
CLP Like (Level 4) Data Pkg Required ☐
Email To: Cary.Friedman@AECOM.com
Fax To #:

ANALYSIS REQUESTED (Circle Requested Analyses/Reporting Limits)

| Pace Analytical Work Order# | Client Sample ID / Description | Beginning Date/Time | Ending Date/Time | Composite | Grab | Matrix Code | Conc Code | 8260: DER TCL / Oxygenates / CP-51 | 8270: DER TCL / CP-51 | 1,4-Dioxane SIM | 8082 PCBs | 8081 Pesticide | 8151 Herbicide | TAL Total Metals | TCLP RCRA 8 Metal | PFAS 1633 | PFAS 537 ID | # of Containers | Preservation Code | Container Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | DEC-47 | 5/27/25 1545 | | | X | GW | U | X | X | X | | | | | | | | 6 | A | G |
| 2 | DEC-029 | 5/27/25 1445 | | | X | GW | U | X | X | X | | | | | | | | 6 | A | G |
| 3 | DEC-42 | 5/31/25 0825 | | | X | GW | U | X | X | X | | | | | | | | 6 | A | G |
| 4 | DEC-25 | 5/31/25 0930 | | | X | GW | U | X | X | X | | | | | | | | 6 | A | G |
| 5 | TB20250530 | 5/27/25 | | | X | W | U | X | | | | | | | | | | 2 | | |

**Dissolved Metals Samples**
☐ Field Filtered
☐ Lab to Filter

**Orthophosphate Samples**
☐ Field Filtered
☐ Lab to Filter

**[1] Matrix Codes:**
GW = Ground Water
WW = Waste Water
DW = Drinking Water
A = Air
S = Soil
SL = Sludge
SOL = Solid
O = Other (please define)

**[2] Preservation Codes:**
I = Iced
H = HCL
M = Methanol
N = Nitric Acid
S = Sulfuric Acid
B = Sodium Bisulfate
X = Sodium Hydroxide
T = Sodium Thiosulfate
O = Other (please define)

**[3] Container Codes:**
A = Amber Glass
G = Glass
P = Plastic
ST = Sterile
V = Vial
S = Summa Canister
T = Tedlar Bag
O = Other (please define)

Comments:
Please contact Cary Friedman w/ any questions
& send data reports directly to her 646-739-0054

Please use the following codes to indicate possible sample concentration within the Conc Code column above:
H - High; M - Medium; L - Low; C - Clean; U - Unknown

| Relinquished by: (signature) | Date/Time: |
|---|---|
| | 5/30/25 1200 |
| Received by: (signature) Omon Price | 5-30-25 1210 |
| Relinquished by: (signature) Omon Price | 5-30-25 17:30 |
| Received by: (signature) | 5/30/25 2326 |
| Relinquished by: (signature) | 5/31/25 0700 |
| Received by: (signature) | 5/31/25 0700 |

**Program & Regulatory Information**
☐ AWQ STDS
☐ NYC Sewer Discharge
☐ Part 360 GW (Landfill)
☐ NY Restricted Use
☐ NY Unrestricted Use
☐ NY Part 375
☐ NY TOGS
☐ NY CP-51

**Deliverables**
☐ Enhanced Data Package
☐ NYSDEC EQuIS EDD
☐ EQuIS (Standard) EDD
☐ NY Regulatory EDD
☐ NY Regs Hits-Only EDD

Other: ELAP and AIHA-LAP, LLC accredited

Project Entity
☑ Government ☐ Municipality ☐ MWRA ☐ WRTA
☐ Federal ☐ 21 J ☐ School
☐ City ☐ Brownfield ☐ MBTA

Other
☐ Chromatogram
☐ AIHA-LAP,LLC

PCB ONLY
☐ Soxhlet
☐ Non Soxhlet

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**CASE NARRATIVE SUMMARY**

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**SW-846 8082A**

**Qualifications:**

**P-02**

Sample RPD between primary and confirmatory analysis exceeded 40%. Per EPA method 8000, the lower value was reported due to obvious chromatographic interference on the column with the higher result.

**Analyte & Samples(s) Qualified:**

**Aroclor-1254**

25E2450-02[DEC-024]

**SW-846 8260D**

**Qualifications:**

**L-02**

Laboratory fortified blank/laboratory control sample recovery and duplicate recoveries outside of control limits. Data validation is not affected since all results are "not detected" for associated samples in this batch and bias is on the high side.

**Analyte & Samples(s) Qualified:**

**Methyl Acetate**

B406525-BS1, B406525-BSD1

**V-20**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

**Analyte & Samples(s) Qualified:**

**Bromochloromethane**

B406525-BS1, B406525-BSD1, S122266-CCV1

**Methyl Acetate**

B406525-BS1, B406525-BSD1, S122266-CCV1

**SW-846 8270E**

**Qualifications:**

**H-06**

Sample was extracted past the recommended holding time.

**Analyte & Samples(s) Qualified:**

25E2450-01RE1[DEC-47], 25E2450-02RE1[DEC-024], 25E2450-03RE1[DEC-42], 25E2450-04RE1[DEC-25]

**L-04**

Laboratory fortified blank/laboratory control sample recovery and duplicate recovery are outside of control limits. Reported value for this compound is likely to be biased on the low side.

**Analyte & Samples(s) Qualified:**

**Caprolactam**

25E2450-01[DEC-47], 25E2450-01RE1[DEC-47], 25E2450-02[DEC-024], 25E2450-02RE1[DEC-024], 25E2450-03[DEC-42], 25E2450-03RE1[DEC-42], 25E2450-04[DEC-25], 25E2450-04RE1[DEC-25], B406623-BLK1, B406623-BS1, B406623-BSD1, B407069-BLK1, B407069-BS1, B407069-BSD1

**Hexachlorobutadiene**

25E2450-01[DEC-47], 25E2450-01RE1[DEC-47], 25E2450-02[DEC-024], 25E2450-02RE1[DEC-024], 25E2450-03[DEC-42], 25E2450-03RE1[DEC-42], 25E2450-04[DEC-25], 25E2450-04RE1[DEC-25], B406623-BLK1, B406623-BS1, B406623-BSD1, B407069-BLK1, B407069-BS1, B407069-BSD1

**Hexachlorocyclopentadiene**

25E2450-01[DEC-47], 25E2450-02[DEC-024], 25E2450-03[DEC-42], 25E2450-04[DEC-25], B406623-BLK1, B406623-BS1, B406623-BSD1

**Hexachloroethane**

25E2450-01[DEC-47], 25E2450-01RE1[DEC-47], 25E2450-02[DEC-024], 25E2450-02RE1[DEC-024], 25E2450-03[DEC-42], 25E2450-03RE1[DEC-42], 25E2450-04[DEC-25], 25E2450-04RE1[DEC-25], B406623-BLK1, B406623-BS1, B406623-BSD1, B407069-BLK1, B407069-BS1, B407069-BSD1

**L-07**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

**Analyte & Samples(s) Qualified:**

**1,2,4,5-Tetrachlorobenzene**

B406623-BS1

**1-Methylnaphthalene**

B406623-BS1

**2-Methylnaphthalene**

B406623-BS1

**Naphthalene**

B406623-BS1

Pace Analytical Services, LLC - East Longmeadow, Ma

39 Spruce Street * East Longmeadow, MA 01028 * FAX 413/525-6405 * TEL. 413/525-2332

**L-07A**

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD outside of control limits. Reduced precision anticipated for any reported result for this compound.

**Analyte & Samples(s) Qualified:**

**2,4-Dinitrophenol**
B406623-BS1

---

**R-05**

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

**Analyte & Samples(s) Qualified:**

**2,3,4,6-Tetrachlorophenol**
B406623-BS1, B406623-BSD1

**2,4,5-Trichlorophenol**
B406623-BS1, B406623-BSD1

**2,4-Dichlorophenol**
B406623-BS1, B406623-BSD1

**2,4-Dinitrophenol**
B406623-BSD1

**2-Chlorophenol**
B406623-BS1, B406623-BSD1

**2-Methylnaphthalene**
B406623-BSD1

**2-Nitrophenol**
B406623-BS1, B406623-BSD1

**4,6-Dinitro-2-methylphenol**
B406623-BS1, B406623-BSD1

**4-Nitrophenol**
B406623-BS1, B406623-BSD1

**Hexachlorobutadiene**
B406623-BS1, B406623-BSD1

**Naphthalene**
B406623-BSD1

**Pentachlorophenol**
B406623-BS1, B406623-BSD1

**Phenol**
B406623-BS1, B406623-BSD1

---

**V-06**

Continuing calibration verification (CCV) did not meet method specifications and was biased on the high side for this compound.

**Analyte & Samples(s) Qualified:**

**3,3-Dichlorobenzidine**
B407069-BLK1, B407069-BS1, B407069-BSD1, S122474-CCV1

---

**V-35**

Initial calibration verification (ICV) did not meet method specifications and was biased on the high side for this compound. Reported result is estimated.

**Analyte & Samples(s) Qualified:**

**2-Nitroaniline**
25E2450-01[DEC-47], 25E2450-01RE1[DEC-47], 25E2450-02[DEC-024], 25E2450-02RE1[DEC-024], 25E2450-03[DEC-42], 25E2450-03RE1[DEC-42], 25E2450-04[DEC-25], 25E2450-04RE1[DEC-25], B406623-BLK1, B406623-BS1, B406623-BSD1, B407069-BLK1, B407069-BS1, B407069-BSD1, S122434-CCV1, S122469-CCV1, S122474-CCV1, S122498-ICV1, S122632-CCV1

# 3 - FORM III

## LCS / LCS DUPLICATE RECOVERY

### SW-846 8270E

| | | | |
|---|---|---|---|
| Laboratory: | Pace New England | Work Order: | 25E2450 |
| Client: | NYDEC_AECOM Environment - Latham, NY | Project: | College Point 3 (121st Street) - CO 151789 |
| Matrix: | Water | Preparation: | SW-846 3510C |
| Batch: | B406623 | Laboratory ID: | B406623-BS1 |
| Column: | | Initial/Final: | 100 mL / 1 mL |

| ANALYTE | SPIKE ADDED (µg/L) | LCS CONCENTRATION (µg/L) | LCS % REC. | | QC LIMITS REC. |
|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | 100.0 | 54.8 | 54.8 | | 40 - 140 |
| Atrazine | 100.0 | 80.4 | 80.4 | | 40 - 140 |
| Benzaldehyde | 100.0 | 58.2 | 58.2 | | 40 - 140 |
| Biphenyl | 100.0 | 49.2 | 49.2 | | 40 - 140 |
| Caprolactam | 100.0 | 22.0 | 22.0 | * | 40 - 140 |
| Acenaphthene | 100.0 | 55.6 | 55.6 | | 40 - 140 |
| Acenaphthylene | 100.0 | 58.5 | 58.5 | | 40 - 140 |
| Acetophenone | 100.0 | 68.3 | 68.3 | | 40 - 140 |
| Aniline | 100.0 | 53.9 | 53.9 | | 40 - 140 |
| Anthracene | 100.0 | 71.1 | 71.1 | | 40 - 140 |
| Benzo(a)anthracene | 100.0 | 74.1 | 74.1 | | 40 - 140 |
| Benzo(a)pyrene | 100.0 | 72.3 | 72.3 | | 40 - 140 |
| Benzo(b)fluoranthene | 100.0 | 74.0 | 74.0 | | 40 - 140 |
| Benzo(g,h,i)perylene | 100.0 | 77.2 | 77.2 | | 40 - 140 |
| Benzo(k)fluoranthene | 100.0 | 76.9 | 76.9 | | 40 - 140 |
| Bis(2-chloroethoxy)methane | 100.0 | 70.4 | 70.4 | | 40 - 140 |
| Bis(2-chloroethyl)ether | 100.0 | 62.3 | 62.3 | | 40 - 140 |
| 2,2'-oxybis(1-Chloropropane) | 100.0 | 61.9 | 61.9 | | 40 - 140 |
| Bis(2-Ethylhexyl)phthalate | 100.0 | 67.4 | 67.4 | | 40 - 140 |
| 4-Bromophenylphenylether | 100.0 | 65.4 | 65.4 | | 40 - 140 |
| Butylbenzylphthalate | 100.0 | 78.9 | 78.9 | | 40 - 140 |
| Carbazole | 100.0 | 75.5 | 75.5 | | 40 - 140 |
| 4-Chloroaniline | 100.0 | 69.3 | 69.3 | | 40 - 140 |
| 4-Chloro-3-methylphenol | 100.0 | 70.0 | 70.0 | | 30 - 130 |
| 2-Chloronaphthalene | 100.0 | 41.9 | 41.9 | | 40 - 140 |
| 2-Chlorophenol | 100.0 | 51.2 | 51.2 | | 30 - 130 |
| 4-Chlorophenylphenylether | 100.0 | 64.3 | 64.3 | | 40 - 140 |
| Chrysene | 100.0 | 72.1 | 72.1 | | 40 - 140 |
| Dibenz(a,h)anthracene | 100.0 | 75.8 | 75.8 | | 40 - 140 |
| Dibenzofuran | 100.0 | 64.2 | 64.2 | | 40 - 140 |
| Di-n-butylphthalate | 100.0 | 71.0 | 71.0 | | 40 - 140 |
| 3,3-Dichlorobenzidine | 100.0 | 78.7 | 78.7 | | 40 - 140 |
| 2,4-Dichlorophenol | 100.0 | 58.0 | 58.0 | | 30 - 130 |
| Diethylphthalate | 100.0 | 70.3 | 70.3 | | 40 - 140 |
| 2,4-Dimethylphenol | 100.0 | 65.5 | 65.5 | | 30 - 130 |
| Dimethylphthalate | 100.0 | 69.9 | 69.9 | | 40 - 140 |

# 3 - FORM III

## LCS / LCS DUPLICATE RECOVERY

### SW-846 8270E

| | | | |
|---|---|---|---|
| Laboratory: | Pace New England | Work Order: | 25E2450 |
| Client: | NYDEC_AECOM Environment - Latham, NY | Project: | College Point 3 (121st Street) - CO 151789 |
| Matrix: | Water | Preparation: | SW-846 3510C |
| Batch: | B406623 | Laboratory ID: | B406623-BS1 |
| Column: | | Initial/Final: | 100 mL / 1 mL |

| ANALYTE | SPIKE ADDED (µg/L) | LCS CONCENTRATION (µg/L) | LCS % REC. | | QC LIMITS REC. |
|---|---|---|---|---|---|
| 4,6-Dinitro-2-methylphenol | 100.0 | 42.1 | 42.1 | | 30 - 130 |
| 2,4-Dinitrophenol | 100.0 | 28.1 | 28.1 | * | 30 - 130 |
| 2,4-Dinitrotoluene | 100.0 | 80.0 | 80.0 | | 40 - 140 |
| 2,6-Dinitrotoluene | 100.0 | 84.1 | 84.1 | | 40 - 140 |
| Di-n-octylphthalate | 100.0 | 62.9 | 62.9 | | 40 - 140 |
| Fluoranthene | 100.0 | 73.2 | 73.2 | | 40 - 140 |
| Fluorene | 100.0 | 68.5 | 68.5 | | 40 - 140 |
| Hexachlorobenzene | 100.0 | 70.8 | 70.8 | | 40 - 140 |
| Hexachlorobutadiene | 100.0 | 15.9 | 15.9 | * | 40 - 140 |
| Hexachlorocyclopentadiene | 100.0 | 16.4 | 16.4 | * | 30 - 140 |
| Hexachloroethane | 100.0 | 16.5 | 16.5 | * | 40 - 140 |
| Indeno(1,2,3-cd)pyrene | 100.0 | 77.4 | 77.4 | | 40 - 140 |
| Isophorone | 100.0 | 78.6 | 78.6 | | 40 - 140 |
| 1-Methylnaphthalene | 100.0 | 37.4 | 37.4 | * | 40 - 140 |
| 2-Methylnaphthalene | 100.0 | 32.7 | 32.7 | * | 40 - 140 |
| 2-Methylphenol | 100.0 | 59.1 | 59.1 | | 30 - 130 |
| 3/4-Methylphenol | 100.0 | 56.1 | 56.1 | | 30 - 130 |
| Naphthalene | 100.0 | 31.6 | 31.6 | * | 40 - 140 |
| 2-Nitroaniline | 100.0 | 86.4 | 86.4 | | 40 - 140 |
| 3-Nitroaniline | 100.0 | 80.6 | 80.6 | | 40 - 140 |
| 4-Nitroaniline | 100.0 | 79.2 | 79.2 | | 40 - 140 |
| Nitrobenzene | 100.0 | 63.3 | 63.3 | | 40 - 140 |
| 2-Nitrophenol | 100.0 | 54.3 | 54.3 | | 30 - 130 |
| 4-Nitrophenol | 100.0 | 29.7 | 29.7 | | 10 - 130 |
| N-Nitrosodiphenylamine/Diphenylamine | 100.0 | 69.7 | 69.7 | | 40 - 140 |
| N-Nitrosodi-n-propylamine | 100.0 | 67.4 | 67.4 | | 40 - 140 |
| Pentachlorophenol | 100.0 | 44.4 | 44.4 | | 30 - 130 |
| Phenanthrene | 100.0 | 71.5 | 71.5 | | 40 - 140 |
| Phenol | 100.0 | 29.5 | 29.5 | | 20 - 130 |
| Pyrene | 100.0 | 73.4 | 73.4 | | 40 - 140 |
| Pyridine | 100.0 | 34.8 | 34.8 | | 10 - 140 |
| 1,2,4,5-Tetrachlorobenzene | 100.0 | 35.9 | 35.9 | * | 40 - 140 |
| 2,4,5-Trichlorophenol | 100.0 | 58.4 | 58.4 | | 30 - 130 |
| 2,4,6-Trichlorophenol | 100.0 | 52.1 | 52.1 | | 30 - 130 |

# 3 - FORM III

## LCS / LCS DUPLICATE RECOVERY

### SW-846 8270E

| | | | |
|---|---|---|---|
| Laboratory: | Pace New England | Work Order: | 25E2450 |
| Client: | NYDEC_AECOM Environment - Latham, NY | Project: | College Point 3 (121st Street) - CO 151789 |
| Matrix: | Water | Preparation: | SW-846 3510C |
| Batch: | B406623 | Laboratory ID: | B406623-BSD1 |
| Column: | | Initial/Final: | 100 mL / 1 mL |

| ANALYTE | SPIKE ADDED (µg/L) | LCSD CONCENTRATION (µg/L) | LCSD % REC. # | | % RPD # | | QC LIMITS RPD | QC LIMITS REC. |
|---|---|---|---|---|---|---|---|---|
| 2,3,4,6-Tetrachlorophenol | 100.0 | 85.0 | 85.0 | | 43.2 | * | 20 | 40 - 140 |
| Atrazine | 100.0 | 89.6 | 89.6 | | 10.8 | | 20 | 40 - 140 |
| Benzaldehyde | 100.0 | 65.4 | 65.4 | | 11.6 | | 20 | 40 - 140 |
| Biphenyl | 100.0 | 56.3 | 56.3 | | 13.5 | | 20 | 40 - 140 |
| Caprolactam | 100.0 | 26.3 | 26.3 | * | 17.5 | | 20 | 40 - 140 |
| Acenaphthene | 100.0 | 64.8 | 64.8 | | 15.4 | | 20 | 40 - 140 |
| Acenaphthylene | 100.0 | 65.9 | 65.9 | | 12.0 | | 20 | 40 - 140 |
| Acetophenone | 100.0 | 74.0 | 74.0 | | 8.03 | | 20 | 40 - 140 |
| Aniline | 100.0 | 54.5 | 54.5 | | 1.12 | | 50 | 40 - 140 |
| Anthracene | 100.0 | 79.8 | 79.8 | | 11.4 | | 20 | 40 - 140 |
| Benzo(a)anthracene | 100.0 | 82.1 | 82.1 | | 10.2 | | 20 | 40 - 140 |
| Benzo(a)pyrene | 100.0 | 80.1 | 80.1 | | 10.2 | | 20 | 40 - 140 |
| Benzo(b)fluoranthene | 100.0 | 82.0 | 82.0 | | 10.2 | | 20 | 40 - 140 |
| Benzo(g,h,i)perylene | 100.0 | 85.9 | 85.9 | | 10.6 | | 20 | 40 - 140 |
| Benzo(k)fluoranthene | 100.0 | 84.4 | 84.4 | | 9.32 | | 20 | 40 - 140 |
| Bis(2-chloroethoxy)methane | 100.0 | 76.9 | 76.9 | | 8.78 | | 20 | 40 - 140 |
| Bis(2-chloroethyl)ether | 100.0 | 70.0 | 70.0 | | 11.7 | | 20 | 40 - 140 |
| 2,2'-oxybis(1-Chloropropane) | 100.0 | 71.8 | 71.8 | | 14.9 | | 20 | 40 - 140 |
| Bis(2-Ethylhexyl)phthalate | 100.0 | 75.7 | 75.7 | | 11.6 | | 20 | 40 - 140 |
| 4-Bromophenylphenylether | 100.0 | 74.1 | 74.1 | | 12.4 | | 20 | 40 - 140 |
| Butylbenzylphthalate | 100.0 | 87.8 | 87.8 | | 10.7 | | 20 | 40 - 140 |
| Carbazole | 100.0 | 84.6 | 84.6 | | 11.4 | | 20 | 40 - 140 |
| 4-Chloroaniline | 100.0 | 76.5 | 76.5 | | 9.81 | | 20 | 40 - 140 |
| 4-Chloro-3-methylphenol | 100.0 | 81.5 | 81.5 | | 15.1 | | 20 | 30 - 130 |
| 2-Chloronaphthalene | 100.0 | 49.1 | 49.1 | | 15.9 | | 20 | 40 - 140 |
| 2-Chlorophenol | 100.0 | 69.9 | 69.9 | | 30.9 | * | 20 | 30 - 130 |
| 4-Chlorophenylphenylether | 100.0 | 70.2 | 70.2 | | 8.72 | | 20 | 40 - 140 |
| Chrysene | 100.0 | 78.8 | 78.8 | | 8.86 | | 20 | 40 - 140 |
| Dibenz(a,h)anthracene | 100.0 | 84.5 | 84.5 | | 10.9 | | 20 | 40 - 140 |
| Dibenzofuran | 100.0 | 71.5 | 71.5 | | 10.8 | | 20 | 40 - 140 |
| Di-n-butylphthalate | 100.0 | 78.8 | 78.8 | | 10.3 | | 20 | 40 - 140 |
| 3,3-Dichlorobenzidine | 100.0 | 89.0 | 89.0 | | 12.2 | | 20 | 40 - 140 |
| 2,4-Dichlorophenol | 100.0 | 79.2 | 79.2 | | 30.9 | * | 20 | 30 - 130 |
| Diethylphthalate | 100.0 | 76.9 | 76.9 | | 9.02 | | 20 | 40 - 140 |
| 2,4-Dimethylphenol | 100.0 | 76.2 | 76.2 | | 15.1 | | 20 | 30 - 130 |
| Dimethylphthalate | 100.0 | 76.4 | 76.4 | | 8.98 | | 50 | 40 - 140 |

# 3 - FORM III

## LCS / LCS DUPLICATE RECOVERY

### SW-846 8270E

| | | | |
|---|---|---|---|
| Laboratory: | Pace New England | Work Order: | 25E2450 |
| Client: | NYDEC_AECOM Environment - Latham, NY | Project: | College Point 3 (121st Street) - CO 151789 |
| Matrix: | Water | Preparation: | SW-846 3510C |
| Batch: | B406623 | Laboratory ID: | B406623-BSD1 |
| Column: | | Initial/Final: | 100 mL / 1 mL |

| ANALYTE | SPIKE ADDED (µg/L) | LCSD CONCENTRATION (µg/L) | LCSD % REC. # | | % RPD # | | QC LIMITS RPD | QC LIMITS REC. |
|---|---|---|---|---|---|---|---|---|
| 4,6-Dinitro-2-methylphenol | 100.0 | 78.7 | 78.7 | | 60.6 | * | 50 | 30 - 130 |
| 2,4-Dinitrophenol | 100.0 | 69.4 | 69.4 | | 84.7 | * | 50 | 30 - 130 |
| 2,4-Dinitrotoluene | 100.0 | 88.7 | 88.7 | | 10.3 | | 20 | 40 - 140 |
| 2,6-Dinitrotoluene | 100.0 | 91.9 | 91.9 | | 8.91 | | 20 | 40 - 140 |
| Di-n-octylphthalate | 100.0 | 69.2 | 69.2 | | 9.54 | | 20 | 40 - 140 |
| Fluoranthene | 100.0 | 81.8 | 81.8 | | 11.1 | | 20 | 40 - 140 |
| Fluorene | 100.0 | 76.7 | 76.7 | | 11.2 | | 20 | 40 - 140 |
| Hexachlorobenzene | 100.0 | 78.2 | 78.2 | | 10.0 | | 20 | 40 - 140 |
| Hexachlorobutadiene | 100.0 | 24.8 | 24.8 | * | 43.7 | * | 20 | 40 - 140 |
| Hexachlorocyclopentadiene | 100.0 | 20.7 | 20.7 | * | 23.0 | | 50 | 30 - 140 |
| Hexachloroethane | 100.0 | 25.4 | 25.4 | * | 42.3 | | 50 | 40 - 140 |
| Indeno(1,2,3-cd)pyrene | 100.0 | 86.2 | 86.2 | | 10.8 | | 50 | 40 - 140 |
| Isophorone | 100.0 | 86.9 | 86.9 | | 10.0 | | 20 | 40 - 140 |
| 1-Methylnaphthalene | 100.0 | 44.8 | 44.8 | | 18.2 | | 20 | 40 - 140 |
| 2-Methylnaphthalene | 100.0 | 41.1 | 41.1 | | 22.6 | * | 20 | 40 - 140 |
| 2-Methylphenol | 100.0 | 69.1 | 69.1 | | 15.5 | | 20 | 30 - 130 |
| 3/4-Methylphenol | 100.0 | 66.5 | 66.5 | | 17.0 | | 20 | 30 - 130 |
| Naphthalene | 100.0 | 40.0 | 40.0 | | 23.4 | * | 20 | 40 - 140 |
| 2-Nitroaniline | 100.0 | 99.0 | 99.0 | | 13.6 | | 20 | 40 - 140 |
| 3-Nitroaniline | 100.0 | 88.3 | 88.3 | | 9.12 | | 20 | 40 - 140 |
| 4-Nitroaniline | 100.0 | 87.6 | 87.6 | | 10.1 | | 20 | 40 - 140 |
| Nitrobenzene | 100.0 | 72.3 | 72.3 | | 13.3 | | 20 | 40 - 140 |
| 2-Nitrophenol | 100.0 | 74.2 | 74.2 | | 30.9 | * | 20 | 30 - 130 |
| 4-Nitrophenol | 100.0 | 51.6 | 51.6 | | 53.9 | * | 50 | 10 - 130 |
| N-Nitrosodiphenylamine/Diphenylamine | 100.0 | 77.2 | 77.2 | | 10.2 | | 20 | 40 - 140 |
| N-Nitrosodi-n-propylamine | 100.0 | 74.3 | 74.3 | | 9.73 | | 20 | 40 - 140 |
| Pentachlorophenol | 100.0 | 80.5 | 80.5 | | 57.7 | * | 50 | 30 - 130 |
| Phenanthrene | 100.0 | 79.1 | 79.1 | | 10.1 | | 20 | 40 - 140 |
| Phenol | 100.0 | 37.1 | 37.1 | | 22.7 | * | 20 | 20 - 130 |
| Pyrene | 100.0 | 80.1 | 80.1 | | 8.73 | | 20 | 40 - 140 |
| Pyridine | 100.0 | 28.3 | 28.3 | | 20.5 | | 50 | 10 - 140 |
| 1,2,4,5-Tetrachlorobenzene | 100.0 | 43.7 | 43.7 | | 19.5 | | 20 | 40 - 140 |
| 2,4,5-Trichlorophenol | 100.0 | 82.9 | 82.9 | | 34.7 | * | 20 | 30 - 130 |
| 2,4,6-Trichlorophenol | 100.0 | 78.3 | 78.3 | | 40.2 | | 50 | 30 - 130 |

# IDENTIFICATION SUMMARY
# FOR SINGLE COMPONENT ANALYTES

*SW-846 8082A*

DEC-024 1057

Lab Sample ID: 25E2450-02 Date(s) Analyzed: 06/09/2025 06/09/2025

Instrument ID (1): ECD5 Instrument ID (2): ECD5

GC Column (1): ID: (mm) GC Column (2): ID: (mm)

| ANALYTE | COL | RT | RT WINDOW | | CONCENTRATION | %RPD |
|---|---|---|---|---|---|---|
| | | | FROM | TO | | |
| Aroclor-1254 | 1 | 0.000 | 0.000 | 0.000 | 0.11 | |
| | 2 | 0.000 | 0.000 | 0.000 | 0.18 | 48.3 |
| Aroclor-1260 | 1 | 0.000 | 0.000 | 0.000 | 0.17 | |
| | 2 | 0.000 | 0.000 | 0.000 | 0.17 | 0.0 |

AECOM

Well ID: ~~DEC-030~~ DEC-030

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC Date: 5/28/25 Time: Start 0844 am/pm Finish 0940 am/pm

Project No: 60679943

Site Location: College Point, NY

Weather Conds: 61° Cloudy Collector(s): GD, EO, MS

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 24.78 c. Length of Water Column 11.64 (a-b) Casing Diameter/Material 2" PVC

b. Water Table Depth 13.14 d. Calculated System Volume (see back) 1.8624

24.78
-13.14
11.64
x0.16
1.8624

**2. WELL PURGE DATA**

a. Purge Method: Low Flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ < 20 NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Peristaltic Pump | Solinst (410) | Pine 051387 |
| | Interface Probe | Solinst (122) | Pine 45134 |
| | VSI | Aqua TROLL 600 | Pine 211360 |

| Time (24hr) | Volume Removed gal (~~Liters~~) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0917 | 2.0 | 15.3 | 6.72 | 0.957 | 1.12 | -342.8 | 17.6 | 300 | 14.28/1.14 | Yellow/VCO |
| 0922 | 2.25 | 15.3 | 6.73 | 0.949 | 1.03 | -393.8 | 17.44 | 300 | 14.26/- | Yellow/VCO |
| 0927 | 2.75 | 15.3 | 6.73 | 0.945 | 1.00 | -393.9 | 12.99 | 300 | 14.23/- | tan/VCO |
| 0932 | 3.00 | 15.3 | 6.73 | 0.939 | 0.96 | -344.3 | 15.95 | 300 | 14.21/- | tan/VCO |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

(continued on back)

**3. SAMPLE COLLECTION:** Method: low flow purge

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-030 | 1000 ml | 4 | N/A/4°C | SVOCs/PCBs | 0935 |
| | 40 ml | 3 | HCl | VOCs | |

Comments VCO = Unidentified chemical odor
purged 2 gal prior to collecting VOCs

Sig

Signature _____ Date 5/29/25

Well ID: MW-05

AECOM

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Project No: 60626993
Site Location: College Pt
Weather Conds: 61° Cloudy
Date: 5/29/25
Time: Start 0951 am/pm
Finish 1160 am/pm
Collector(s): GD, EO, MS

1. **WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 24.99 c. Length of Water Column 12.03 (a-b)

b. Water Table Depth 12.96 d. Calculated System Volume (see back) 7.92

Casing Diameter/Material 4"

4"=0.65

2. **WELL PURGE DATA**

a. Purge Method: low flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ <20 NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Peri Pump | Solonist 410 Flex | 651387 |
| | YSI Pro DSS | | 21360 |
| | Interface probe | Solinst | 46134 |

| Time (24hr) | Volume Removed ~~gal~~ (Liters) | Temp. (°C) | pH | Spec. Cond (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1033 | 3.5 ~~7.5~~ | 16.3 | 6.69 | 1.046 | 1.53 | -350.6 | 164.05 | 250 | 15.16/0.30 | clear/slight petroleum |
| 1043 | 3.8 | 16.8 | 6.70 | 1.140 | 1.03 | -353.6 | 12.43 | 300 | 15.10/0.00 | clear/slight petroleum |
| 1048 | 4.5 | 16.2 | 6.67 | 1.078 | 0.31 | -357.6 | 4.14 | 300 | 15.10/0.00 | clear/slight petroleum |
| 1053 | 5.0 | 16.2 | 6.67 | 1.060 | 0.24 | -357.8 | 4.88 | 300 | 15.10/0.00 | clear/slight petroleum |
| 1058 | 5.5 | 16.2 | 6.68 | 1.044 | 0.21 | -357.8 | 10.75 | 300 | 15.10/0.00 | clear/slight petroleum |
| 1103 | 6.0 | 16.2 | 6.68 | 1.039 | 0.19 | -357.8 | 36.16 | 300 | 15.10/0.00 | clear/slight petroleum |
| 1108 | 6.5 | 16.1 | 6.68 | 1.031 | 0.18 | -357.8 | 59.06 | 250 | 15.10/0.00 | clear/slight petroleum |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

3. **SAMPLE COLLECTION:** Method: low flow peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| MW-05 | 1 L | 4 | 4°C / NA | SVOCs / PCBs | 1145 |
| | 40 ml | 3 | HCl | VOCs | |

Comments 1037 - took tubing off flow-through cell to clean; 1043 restarted purging
Purged 3.5 gallons before connecting YSI

Signature [signature] Date 5/29/25

| Time (24hr) | Volume Removed ~~(Liters)~~ gal | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 11:13 | 6.75 | 16 | 6.69 | 1.022 | 0.15 | -358.0 | 85.45 | 300 | 15.15/0.05 | clear/slight petroleum |
| 11:18 | 7.00 | 16.1 | 6.69 | 1.018 | 0.14 | -358.1 | 118.18 | 300 | 15.15/— | clear/slight petroleum |
| 11:23 | 7.50 | 16.1 | 6.69 | 1.015 | 0.14 | -358.1 | 107.03 | 300 | 15.15/— | clear/slight petroleum |
| 11:28 | 7.75 | 16.1 | 6.69 | 1.014 | 0.14 | -358.1 | 106.22 | 300 | 15.15/— | clear/slight petroleum |
| 11:33 | 8.00 | 16.1 | 6.69 | 1.008 | 0.13 | -358.1 | 44.87 | 300 | 15.15/— | clear/slight Petroleum |
| 11:38 | 8.25 | 16.1 | 6.69 | 1.006 | 0.13 | -358.1 | 49.73 | 300 | 15.15/— | clear/slight Petroleum |

Well ID: DEC-27

AECOM

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Project No: 60607043
Site Location: Tottle pt
Weather Conds: 70's 65 Cloudy
Date: 5/29/25
Time: Start 1246 am/pm
Finish 1350 am/pm
Collector(s): GD, EO, MS

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 20.46
b. Water Table Depth 11.29
c. Length of Water Column 9.17 (a-b)
d. Calculated System Volume (see back) 5.96
Casing Diameter/Material 4"

**2. WELL PURGE DATA**

a. Purge Method: low flow peri

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ <20 NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Peri pump | Solanst | 05138 |
| | YSI pH DSS | | 5127 3 |
| | interface probe | Solanst | 45134 |

| Time (24hr) | Volume Removed gal (~~Liters~~) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1300 | 3.75 | 15.0 | 6.84 | 0.759 | 0.46 | -357.9 | 13.33 | 400 | 11.45/0.16 | Anaerobic/clear |
| 1305 | 4.5 | 15.0 | 6.82 | 0.783 | 0.47 | -357.4 | 11.41 | 300 | 11.35/- | Anaerobic/clear |
| 1310 | ~~5.0~~ 4.75 | 15.0 | 6.80 | 0.774 | 0.44 | -357.4 | 11.38 | 300 | 11.35/- | Anaerobic/clear |
| 1315 | 5.0 | 15.0 | 6.81 | 0.766 | 0.40 | -357.5 | 10.28 | 300 | 11.35/- | Anaerobic/clear |
| 1320 | 5.5 | 14.9 | 6.80 | 0.755 | 0.35 | -357.5 | 10.58 | 300 | 11.35/- | Anaerobic/clear |
| 1325 | 5.75 | 14.8 | 6.80 | 0.749 | 0.32 | -357.5 | 10.72 | 300 | 11.35/- | Anaerobic/clear |
| 1330 | 6.0 | 14.9 | 6.81 | 0.744 | 0.28 | -357.7 | 10.96 | 300 | 11.35/- | Anaerobic/clear |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-27 | 1000ml | 4 | N/A 4°C | SVOCs PCBs | 1345 |
| | 40ml | 3 | HCl | VOCs | |

Comments: 3.75 gal. purged prior to YSI readings

Signature: [signature] Date: 5/29/25

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1335 | 6.5 | 14.9 | 6.81 | 0.739 | 0.25 | -357.7 | 11.73 | 300 | 11.35/- | Anaerobic/Odor |
| 1340 | 6.75 | 14.8 | 6.80 | 0.735 | 0.25 | -357.7 | 9.90 | 300 | 11.35/- | Anaerobic/Odor |

AECOM

Well ID: DEC-21

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC
Project No: 60604943
Site Location: College Pt
Weather Conds:
Date: 5/29/25
Time: Start 1430 am/pm
Finish 1515 am/pm
Collector(s): GD/EO/MS

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 23.78
b. Water Table Depth 11.63
c. Length of Water Column 12.15 (a-b)
d. Calculated System Volume (see back) 1.9
Casing Diameter/Material 2"

**2. WELL PURGE DATA**

a. Purge Method: low flow peri pump

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ < 20 NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Peri pump | Grundfos | 06/1567 |
| YSI | Pro DSS | | 23J23 |
| | interface probe | Solinst | 46134 |

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1445 | 1 | 16.7 | 6.94 | 1.49 | 0.49 | -359.6 | 17.99 | 300 | 12.39/0.15 | clear/gray/pet. |
| 1450 | 1.5 | 16.6 | 6.78 | 1.491 | 0.38 | -355.0 | 7.91 | 300 | 12.17/- | clear/petroleum |
| 1455 | 1.75 | 16.6 | 6.78 | 1.502 | 0.25 | -356.6 | 11.3 | 300 | 12.13/0.03 | clear/petroleum |
| 1500 | 2 | 16.6 | 6.79 | 1.509 | 0.24 | -365.9 | 10.7 | 300 | 12.08/- | clear/petroleum |
| 1505 | 2.5 | 16.6 | 6.73 | 1.509 | 0.24 | -362.0 | 8.2 | 300 | 12.07/- | clear/petroleum |
| | | | | | | | | | | |
| | | | | | | | | | | |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri pump

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-21 | 1000ml | 4 | NA/4°C | SVOCs PCBs | 1510 |
| | 40ml | 3 | HCl | VOCs | |

Comments removed 0.5 gal during set up prior to YSI connection

Signature: [signature] Date 5/29/25

AECOM

Well ID: MW-14

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Project No: 60629643
Site Location: College Pt
Weather Conds: 70/65 cloudy
Date: 5/29/25 (5/29/25)
Time: Start 0900 am/pm
Finish 0920 am/pm
Collector(s): GD/EO

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 29.76
b. Water Table Depth 17.39
c. Length of Water Column 12.37 (a-b)
d. Calculated System Volume (see back) 1.9
Casing Diameter/Material 2"

**2. WELL PURGE DATA**

a. Purge Method: low flow purge peri.

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ <20NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Peri pump | Solinst | 0513927 |
| | | | 51273 |
| | interface probe | Solinst | |

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0900 | — | 16.7 | 6.22 | 0.211 | 2.31 | -337.8 | 70.94 | 300 | 17.34/- | gray/black sand/ peri. odor |
| 0905 | 0.5 | 16.6 | 6.40 | 0.236 | 1.49 | -339.6 | 60.12 | 300 | 17.33/- | gray/black sand |
| 0910 | 0.75 | 17.0 | 6.59 | 0.269 | 0.81 | -339.7 | 19.03 | 300 | 17.33/- | " " |
| 0915 | 1.00 | 17.0 | 6.59 | 0.374 | 0.85 | -340.0 | 13.52 | 300 | 17.33/- | " " |
| 0820 | 1.25 | 17.0 | 6.63 | 0.447 | 0.60 | -340.0 | 12.88 | 300 | 17.33/- | " " |
| 0825 | 1.50 | 17.0 | 6.64 | 0.477 | 0.45 | -340.5 | 13.07 | 300 | 17.33/- | " " |
| 0830 | 2.00 | 17.1 | 6.66 | 0.535 | 0.33 | -340.9 | 10.10 | 300 | 17.33/- | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri.

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| MW-14 | 1000ml | 4/4 | 4°C/NA | SVOCs/PCBs | 0910 |
| & DUP MW-14 | 40ml | 3/3 | HCl | VOCs | 0915 |

Comments: Abandoned at 1425 on 5/28 due to time of day/turbidity/weather cont. purge on 5/29

Signature: [signature] Date 5/29/25

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0935 | 3.25 | 17.1 | 6.66 | 0.609 | 0.25 | 340.9 | 11.11 | 300 | 17.34 \| 0.01 | ~~gray~~ brown petro. |
| 0940 | 25 | 17.1 | 6.66 | 0.608 | 0.23 | -341.6 | 10.6 | 300 | 17.33/- | tan/petro. |
| 0945 | 3.0 | 17.1 | 6.66 | 0.666 | 0.22 | -341.0 | 8.63 | 300 | 17.32/- | tan/petro. |
| 0950 | 3.25 | 17.4 | 6.65 | 0.668 | 0.21 | -341.0 | 7.40 | 300 | 17.33/- | tan/petro. |
| 0955 | 3.5 | 17.1 | 6.65 | 0.671 | 0.21 | -341.0 | 7.25 | 300 | 17.33/- | " " |
| 0900 | 4.0 | 17.1 | 6.66 | 0.671 | 0.20 | -340.2 | 7.77 | 300 | " " | " " |
| 0905 | 4.25 | 17.1 | 6.65 | 0.672 | 0.20 | -339.5 | 4.53 | 300 | 17.33/- | tan/slight petr. |

AECOM

Well ID: DEC-38

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC
Project No: 60627643
Site Location: College Point
Weather Conds: Cloudy 60°
Date: 5/29/25
Time: Start 0935 am/pm
Finish 1040 am/pm
Collector(s): Evan Ostroff

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 22.75
b. Water Table Depth 12.45
c. Length of Water Column 10.30 (a-b)
d. Calculated System Volume (see back) 6.695
Casing Diameter/Material 4"

**2. WELL PURGE DATA**

a. Purge Method: Low Flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | | |

Remove a minimum 1 screen volume

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| Interface Probe | | Solinst | 45134 |
| Peristaltic Pump | | Solinst | 27375 |
| YSI | | Pro DDS | 21808J / 50631 (monitor) |

| Time (24hr) | Volume Removed gal (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | 4.5 | 16.4 | 6.75 | 1.915 | 0.42 | -107.8 | 18.83 | 400 | 12.45/ — | Murky/moderate |
| 1005 | 6.0 | 16.6 | 6.74 | 1.909 | 0.41 | -113.6 | 42.80 | 400 | 12.25/ — | " " |
| 1010 | 6.25 | 16.5 | 6.73 | 1.905 | 0.39 | -114.7 | 48.62 | 400 | 12.25/ — | " " |
| 1015 | 6.75 | 16.5 | 6.74 | 1.899 | 0.36 | -119.9 | 5.71 | 400 | 12.12/ — | " " |
| 1020 | 7.00 | 16.5 | 6.74 | 1.898 | 0.34 | -122.8 | 4.60 | 400 | 12.12/ — | " " |
| 1025 | 7.50 | 16.5 | 6.74 | 1.896 | 0.29 | -126.5 | 7.76 | 400 | 12.12/ — | " " |
| 1030 | 8.00 | 16.5 | 6.74 | 1.878 | 0.24 | -131.7 | 1.92 | 400 | 12.12/ — | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: Low Flow Peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-38 | 1 L | 4 | 4°C/NA | SVOCs/PCBs | 1035 FD 1050 |
| | 40 mL | 3 | HCl | VOCs | |

Comments 4.5 gal. purged before using YSI

Signature Evan Ostroff Date 5/29/25

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1035 | 8.25 | 16.5 | 6.74 | 1.849 | 0.19 | -146.0 | 0.91 | 400 | 12.12/- | " " |
| 1040 | 8.50 | 16.5 | 6.74 | 1.836 | 0.18 | -152.6 | 1.39 | 400 | 12.12/- | " " |
| 1045 | 8.75 | 16.5 | 6.74 | 1.827 | 0.18 | -155.8 | 0.17 | 400 | 12.12/- | " " |

AECOM

Well ID: DEC-34

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Project No: 60699943
Site Location: College pt
Weather Conds: 70/60 rain

Date: 5/29/25

Time: Start 0947 am/pm
Finish 1046 am/pm

Collector(s): GD

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 22.05
b. Water Table Depth 12.24
c. Length of Water Column 10.71 (a-b)
d. Calculated System Volume (see back) 1.7

Casing Diameter/Material 2"

**2. WELL PURGE DATA**

a. Purge Method: low flow purge

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ <20NTU |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | | |

Remove a minimum 1 screen volume

c. Field Testing Equipment used: Make / Model / Serial Number

~~pH~~ YSI / ~~Solar pHDO~~ interface probe / 5123
peri pump / Solinst / 0513987

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1000 | 0.5 | 17.2 | 6.95 | 0.869 | 1.89 | -339.2 | 36.8 | 300 | — | brown/an aerobic |
| 1005 | 0.75 | 17.2 | 6.95 | 0.872 | 1.59 | -339.5 | 17.0 | 300 | 12.5/0.26 | brown/anaer. |
| 1010 | 1.0 | 17.3 | 6.94 | 0.861 | 1.25 | -339.0 | 22.19 | 300 | 12.52/0.02 | " " |
| 1015 | 1.25 | 17.3 | 6.93 | 0.843 | 0.9 | -339.3 | 16.51 | 300 | 12.52/— | " " |
| 1020 | 1.50 | 17.4 | 6.93 | 0.836 | 0.66 | -340.6 | 7.52 | 300 | 12.54/0.02 | " " |
| 1025 | 1.75 | 17.3 | 6.92 | 0.820 | 0.63 | -341.8 | 10.00 | 300 | 12.56/0.02 | " " |
| 1030 | 2.0 | 17.3 | 6.92 | 0.811 | 0.60 | -340.9 | 10.44 | 300 | 12.57/0.01 | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-34 | 1Gal | 12 | NA/4°C | SVOCs/PCBs | 1035 |
| MS/MSD | 40ml | 9 | HCl | VOCs | 1040 |

Comments: purged 0.5 gal during set up of YSI

Signature: [signature] Date 5/29/25

AECOM

Well ID DEC-5A

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC Date: 5/29/25 Time: Start 1141 am/pm
Project No: 60662943 Finish 1235 am/pm
Site Location: College Pt
Weather Conds: 70's Cloudy/rain Collector(s): GD

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 29.7 c. Length of Water Column 17.52 (a-b) Casing Diameter/Material 2"

b. Water Table Depth 12.18 d. Calculated System Volume (see back) 2.9

**2. WELL PURGE DATA**

a. Purge Method: low flow peri

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ~~± 10%~~ <20 |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | YSI | Pro DSS | 21273 |
| | Interface probe | Solinst | 452129 |
| | peri pump | Solinst | 051397 |

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1200 | 1.5 | 18.3 | 6.66 | 1.302 | 0.66 | -339.2 | 31.6 | 300 | 15.23/3.15 | tan/anaerobic |
| 1205 | 1.75 | 19.6 | 6.66 | 1.301 | 0.49 | -337.4 | 36.0 | 300 | 15.47/3.39 | " " |
| 1210 | 2.25 | 19.96 | 6.69 | 1.295 | 0.35 | -340.0 | 20.9 | 200 | 15.37/ — | " " |
| 1215 | 2.5 | 19.9 | 6.71 | 1.271 | 0.29 | -340.1 | 14.43 | 200 | 15.37/ — | " " |
| 1220 | 2.75 | 19.8 | 6.73 | 1.248 | 0.22 | -340.2 | 9.06 | 200 | 15.39/ — | " " |
| 1225 | 3.00 | 19.7 | 6.75 | 1.235 | 0.22 | -340.2 | 5.73 | 200 | 15.33/ — | " " |
| | | | | | | | | | | |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-5A | 1000ml | 4 | 4°C/NA | PCBs/SVOCs | 1230 |
| | 40ml | 3 | HCl | VOCs | |

Comments 1.5gal purged prior to connecting YSI @ 300 ml/min

Signature [signature] Date 5/29/25

AECOM

Well ID: RW-A

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC Date: 5/29/25 Time: Start 1110 am/pm
Project No: 60662243 Finish 1220 am/pm
Site Location: College Point
Weather Conds: Cloudy 60° Collector(s): Evan Ostroff

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 19.00 c. Length of Water Column 6.90 (a-b) Casing Diameter/Material 18"

b. Water Table Depth 12.10 d. Calculated System Volume (see back) 55.125

**2. WELL PURGE DATA**

a. Purge Method: Low Flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| ~~H~~ Interface Probe | | Solinst | 45134 |
| Peristaltic Pump | | Solinst | 22375 |
| YSI | | ProDSS | 21808 / 50631 (monitor) |

| Time (24hr) | Volume Removed gal (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1125 | 0 | 18.3 | 6.65 | 1.996 | 0.41 | -41.6 | 40.02 | 400 | 12.10/- | slight brown coloration/slight gasoline odor |
| 1130 | .50 | 18.3 | 6.64 | 1.999 | 0.20 | -39.0 | 42.40 | 400 | 12.08/- | " " |
| 1135 | 1.25 | 18.3 | 6.64 | 1.995 | 0.29 | -39.2 | 41.22 | 400 | 12.08/- | " " |
| 1140 | 1.75 | 18.3 | 6.64 | 1.997 | 0.23 | -39.9 | 40.76 | 400 | 12.08/- | " " |
| 1145 | 2.00 | 18.3 | 6.64 | 1.997 | 0.21 | -39.7 | 40.11 | 400 | 12.09/- | " " |
| 1150 | 2.75 | 18.3 | 6.64 | 1.996 | 0.19 | -37.4 | 41.12 | 400 | 12.08/- | " " |
| 1155 | 3.00 | 18.3 | 6.65 | 1.995 | 0.18 | -40.2 | 38.30 | 400 | 12.08/- | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: Low Flow Peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| RW-A | 100 mL | 4 | 4°C/NA | PCBs/SVOCs | 1215 |
| | 40 mL | 3 | HCl | VOCs | |

Comments

Signature Evan Ostroff Date 5/29/25

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1200 | 3.50 | 18.3 | 6.64 | 1.998 | 0.17 | -41.0 | 40.20 | 400 | 12.08/- | // // |
| 1205 | 3.75 | 18.4 | 6.65 | 1.997 | 0.16 | -42.1 | 42.23 | 400 | 12.08/- | // // |
| 1210 | 4.00 | 18.3 | 6.65 | 1.995 | 0.15 | -44.1 | 38.06 | 400 | 12.08/- | // // |

TWL WTD CLV

17.6 12.08 44.1

5.52

7.98

AECOM

Well ID: DEC-02A

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Date: 5/29/25
Time: Start 1340 am/pm
Finish 1450 am/pm
Project No: 60709945
Site Location: College pt
Weather Conds: 70's cloudy rain
Collector(s): GD

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 33.1
c. Length of Water Column 15.96 (a-b)
Casing Diameter/Material 2"
b. Water Table Depth 17.64
d. Calculated System Volume (see back) 2.5

**2. WELL PURGE DATA**

a. Purge Method: low flow purge

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | YSI | Pro DSS | 15237 |
| | In-situ probe | Solinst | 95134 |
| | peri pump | Solinst | 05387 |

| Time (24hr) | Volume Removed (gal) (Liters) | Temp. (°C) | pH | Spec Cond (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1335 | 1.0 | 16.8 | 6.84 | 0.667 | 1.76 | -328.3 | 51.9 | 200 | 17.9/0.26 | clear/anaerobic |
| 1400 | 1.25 | 16.6 | 6.56 | 0.696 | 1.31 | -339.0 | 52.6 | 200 | 17.93/0.03 | " / " |
| 1405 | 1.5 | 16.6 | 6.51 | 0.639 | 0.75 | -337.4 | 39.7 | 200 | 17.93/- | " " |
| 1410 | 1.75 | 16.6 | 6.50 | 0.629 | 0.78 | -337.9 | 39.5 | 200 | 17.93/0.0 | 0.03 " " |
| 1415 | 2.0 | 16.6 | 6.47 | 0.623 | 0.73 | -338.5 | 20.9 | 200 | 18.01/- | " " |
| 1420 | 2.25 | 16.6 | 6.46 | 0.619 | 0.69 | -337.7 | 17.6 | 200 | 18.01/- | " " |
| 1425 | 2.5 | - | - | - | - | - | - | - | - | - |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow purge

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-02A | 1000ml | 4 | 4°C/NA | SVOCs/PCBs | 1445 |
| | 40ml | 3 | HCl | VOCs | |

Comments: purged 1 gal prior to connecting YSI. Pump paused for sample pickup 1430 count purging

Signature: [signature]
Date 5/29/25

| Time (24hr) | Volume Removed (liters) | Temp (°C) | pH | Spec Cond (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1430 | 2.5 | 17.0 | 6.98 | 0.615 | 0.95 | -330.6 | 13.4 | 200 | 18.3/- | " " |
| 1435 | 2.75 | 16.9 | 6.98 | 0.609 | 0.89 | -331.8 | 19.6 | 200 | 18.0/- | " " |
| 1440 | 3.0 | 16.6 | 6.97 | 0.609 | 0.87 | -330.1 | 8.7 | 200 | 18.0/- | " " |

AECOM

Well ID: DEC-47

# Low Flow Ground Water Sample Collection Record

Client: NYS DEC Date: 5/29/25 Time: Start 1325 am/pm
Finish 1510 am/pm
Project No: 60709643
Site Location: College Point
Weather Conds: Cloudy 60° Collector(s): Evan Ostroff

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 25.12 c. Length of Water Column 6.86 (a-b) Casing Diameter/Material 4"

b. Water Table Depth 18.26 d. Calculated System Volume (see back) 4.459

**2. WELL PURGE DATA**

a. Purge Method: Low Flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | Interface Probe | Solinst | 45134 |
| | Peristaltic Pump | Solinst | 22375 |
| | YSI | Pro DSS | 21808/20651 (monitor) |

| Time (24hr) | Volume Removed gal (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 1430 | 2.5 | 16.5 | 6.72 | 1.553 | 0.40 | -102.1 | 18.81 | 200 | 18.37/0.11 | Murky brown/slight gasoline odor |
| 1435 | 3.0 | 16.6 | 6.72 | 1.553 | 0.39 | -101.6 | 9.97 | 200 | 18.37/- | " " |
| 1440 | 3.5 | 16.5 | 6.72 | 1.552 | 0.38 | -101.2 | 7.45 | 200 | 18.37/- | " " |
| 1445 | 3.75 | 16.7 | 6.72 | 1.553 | 0.38 | -100.9 | 14.57 | 200 | 18.37/- | " " |
| 1450 | 4.0 | 16.7 | 6.71 | 1.555 | 0.37 | -100.1 | 15.41 | 200 | 18.37/- | " " |
| 1455 | 4.25 | 16.7 | 6.72 | 1.554 | 0.35 | -100.0 | 18.96 | 200 | 18.37/- | " " |
| 1500 | 4.5 | 16.8 | 6.71 | 1.555 | 0.35 | -99.8 | 21.74 | 200 | 18.37/- | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: Low Flow Peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-47 | 100 mL | 4 | 4°C/NA | SVOCs/PCBs | 1505 |
| | 40 mL | 3 | HCl | VOCs | |

Comments

Signature Evan Ostroff Date 5/29/25

AECOM

Well ID DEC-42

# Low Flow Ground Water Sample Collection Record

Client: NYSDEC
Project No: 60626043
Site Location: College Pt
Weather Conds: 65/90 Cloudy
Date: 5/30/25
Time: Start 0911 am/pm
Finish 1050 am/pm
Collector(s): GD

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 21.9
b. Water Table Depth 13.31
c. Length of Water Column 8.59 (a-b)
d. Calculated System Volume (see back) 1.4

Casing Diameter/Material 2"

**2. WELL PURGE DATA**

a. Purge Method: low flow peri

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| | Make | Model | Serial Number |
|---|---|---|---|
| | YSI | Pro DSS | 5127B |
| | Interface probe | Solinist | 45134 |
| | Peristaltic pump | Solinist | 05/3987 |

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0915 | 0.5 | 19.3 | 6.57 | 1.346 | 0.80 | -356.9 | 70.2 | 300 | 13.33/0.02 | tan/anaerobic |
| 0920 | 1.0 | 19.3 | 6.69 | 1.291 | 0.96 | -357.3 | 30.1 | 300 | 13.33/- | " " |
| 0925 | 1.25 | 19.4 | 6.7 | 1,270 | 0.49 | -351.7 | 22.4 | 300 | 13.33/- | " " |
| 0930 | 1.5 | 19.4 | 6.71 | 1.243 | 0.48 | -356.6 | 19.7 | 300 | " " | " " |
| 0935 | 1.75 | 19.4 | 6.72 | 1.226 | 0.46 | -356.7 | 15.4 | 300 | 13.32/- | " " |
| 0940 | 2.25 | 19.3 | 6.73 | 1.211 | 0.44 | -356.7 | 19.5 | 300 | 13.33/0.01 | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: low flow peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-42 | 1Liter | 4 | 4°C/NA | SVOCs/PCBs | 0945 |
| | 40ml | 3 | HCl | VOCs | |

Comments: purged 0.5 gal while adjusting flow prior to YSI setup

Signature: [signature] Date 5/30/25

AECOM

Well ID: DEC-25

# Low Flow Ground Water Sample Collection Record

Client: NYS-DEC Date: 5/30/25 Time: Start 0800 am/pm
Project No: 60696899743 Finish 0925 am/pm
Site Location: College Point
Weather Conds: Cloudy 63° Collector(s): Evan Ostroff

**1. WATER LEVEL DATA: (measured from Top of Casing)**

a. Total Well Length 22.16 c. Length of Water Column 9.73 (a-b) Casing Diameter/Material 2"

b. Water Table Depth 12.43 d. Calculated System Volume (see back) 1.5568

**2. WELL PURGE DATA**

a. Purge Method: Low Flow

b. Acceptance Criteria defined (see workplan)

| | | | | | |
|---|---|---|---|---|---|
| - Temperature | ± 3% | - D.O. | ± 10% (values >0.5 mg/L) | Turbidity | ± 10% |
| - pH | ± 0.1 unit | - ORP | ± 10mV | | |
| - Sp. Cond. | ± 3% | - Drawdown | < 0.3' | Remove a minimum 1 screen volume | |

c. Field Testing Equipment used:

| Make | Model | Serial Number |
|---|---|---|
| Interface Probe | Solinst | 45134 |
| Peristaltic Pump | Solinst | 22375 |
| YSI | Pro DSS | 21808/20631 (monitor) |

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond. (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0810 | 0 | 15.4 | 6.62 | 1.637 | 1.62 | -38.3 | 94.80 | 400 | 12.43/- | Clear/Anaerobic odor |
| 0815 | 0.75 | 15.3 | 6.66 | 1.624 | 1.57 | -58.0 | 63.49 | 400 | 12.43/- | " " |
| 0820 | 1.00 | 15.3 | 6.71 | 1.583 | 1.19 | -66.3 | 24.06 | 400 | 12.63/0.20 | " " |
| 0825 | 1.25 | 15.6 | 6.73 | 1.547 | 1.15 | -76.5 | 20.70 | 300 | 12.30/- | " " |
| 0830 | 1.50 | 15.7 | 6.75 | 1.591 | 1.04 | -83.4 | 13.08 | 300 | 12.21/- | " " |
| 0835 | 1.75 | 15.2 | 6.78 | 1.405 | 0.61 | -97.6 | 9.08 | 300 | 12.59/0.38 | " " |
| 0840 | 2.25 | 15.2 | 6.76 | 1.406 | 0.62 | -95.9 | 8.24 | 300 | 12.70/0.11 | " " |

(continued on back)

d. Acceptance criteria pass/fail

| | Yes | No | N/A |
|---|---|---|---|
| Has required volume been removed | ☑ | ☐ | ☐ |
| Has required turbidity been reached | ☑ | ☐ | ☐ |
| Have parameters stabilized | ☑ | ☐ | ☐ |

If no or N/A - Explain below.

**3. SAMPLE COLLECTION:** Method: Low Flow Peri

| Sample ID | Container Type | No. of Containers | Preservation | Analysis Req. | Time |
|---|---|---|---|---|---|
| DEC-25 | 1000mL | 4 | 4°C/NA | SVOCs/PFDs | 0920 |
| | 40mL | 3 | HCl | VOCs | |

Comments

Signature Evan Ostroff Date 5/30/25

| Time (24hr) | Volume Removed (Liters) | Temp. (°C) | pH | Spec. Cond (µS/cm) | DO (mg/L) | ORP (mV) | Turbidity (NTU) | Flow Rate (ml/min) | Drawdown (feet) | Color/Odor |
|---|---|---|---|---|---|---|---|---|---|---|
| 0845 | 2.50 | 15.2 | 6.75 | 1.364 | 0.54 | -97.9 | 14.20 | 300 | 12.70/- | " " |
| 0850 | 2.5 | 15.2 | 6.72 | 1.348 | 0.54 | -96.5 | 14.71 | 300 | 12.70/- | " " |
| 0855 | 2.75 | 15.3 | 6.69 | 1.337 | 0.49 | -94.2 | 14.03 | 300 | 12.70/- | " " |
| 0900 | 3.0 | 15.3 | 6.66 | 1.320 | 0.39 | -93.4 | 10.06 | 300 | 12.70/- | " " |
| 0905 | 3.5 | 15.3 | 6.68 | 1.266 | 0.33 | -96.9 | 10.14 | 300 | 12.70/- | " " |
| 0910 | 3.75 | 15.3 | 6.69 | 1.270 | 0.33 | -99.4 | 3.22 | 300 | 12.70/- | " " |
| 0915 | 4.0 | 15.3 | 6.71 | 1.259 | 0.32 | -102.3 | 2.90 | 300 | 12.70/- | " " |

# APPENDIX C
# WASTE MANIFESTS

5716e156e

| NON-HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number |
|---|---|---|---|---|
| | NYR000144212 | 1 | (267) 406-0083 | 45614 |

**GENERATOR**

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway; 12th Floor
Albany NY 12233
Generator's Phone: 518 402-9688

Generator's Site Address (if different than mailing address)
NYSDEC-College Point 3 IRM
121st Street
College Point NY 11356

6. Transporter 1 Company Name
Innovative Recycling Technologies, Inc.
U.S. EPA ID Number: NYR000134940

7. Transporter 2 Company Name
Republic Environmental Systems (Trans Group)LLC
U.S. EPA ID Number: PAD982661381

8. Designated Facility Name and Site Address
Republic Environmental Systems (PA), LLC
2869 Sandstone Drive
Hatfield PA 19440
Facility's Phone: 215 822-8995
U.S. EPA ID Number: PAD085690592

| | 9. Waste Shipping Name and Description | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | |
|---|---|---|---|---|---|---|
| 1. | Purge Water Non-DOT Regulated Material | 1 | DM | 300 | P | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |

13. Special Handling Instructions and Additional Information
9.1)1801484

DOC#534958-24

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: Nick Starbuck, As Agent for NYSDEC
Signature: Starbuck
Month 9 Day 27 Year 24

**INT'L**

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Francis McShane
Signature:
Month 9 Day 27 Year 24

Transporter 2 Printed/Typed Name: JESSICA PHUNG
Signature: Jessicaphung
Month 10 Day 4 Year 24

**DESIGNATED FACILITY**

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator) U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator) Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: MALVEY DAVIS
Signature:
Month 10 Day 07 Year 24

169-BLC-O 5 11977 (Rev. 9/09)

DESIGNATED FACILITY TO GENERATOR

# CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

CleanEarth



**Generator:** 691710 - NYSDEC
COLLEGE POINT 3 IRM: 121ST STR
COLLEGE POINT NY, 11356
**EPA ID:** NYR000144212

**Facility:** REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
**EPA ID:** PAD085690592

**Manifest #:** 45614
**Waste Receipt #:** HAT-Q2020
**Date Received:** 10/07/2024

| Line | Profile | Material Description | Treatment/ Disposal Description |
|---|---|---|---|
| 1 | 1801484-02 | NON-RCRA, NON-DOT REGULATED MATERIAL (PURGE WATER) | H070 CHEMICAL TREATMENT (REDUCTION/DESTRUCTION/OXIDATION/PRECIPITATION) |

**Name:** MARCIA THOMAS

**Signature :** Marcia Thomas

**Title :** Logistic Coordinator

2738190

Please print or type. Form Approved. OMB No. 2050-0039

| UNIFORM HAZARDOUS WASTE MANIFEST | 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|---|
| | NYR000144212 | 1 | (267) 406-0083 | 023457074 JJK |

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway; 12th Floor
Albany NY 12233
Generator's Phone: 518 402-9688

Generator's Site Address (if different than mailing address)
NYSDEC-College Point 3 IRM
121st Street
College Point NY 11356

6. Transporter 1 Company Name: Innovative Recycling Technologies, Inc. — U.S. EPA ID Number: NYR000134940

7. Transporter 2 Company Name — U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Avenue
South Kearny NJ 07032
Facility's Phone: 973 344-4004
U.S. EPA ID Number: NJD991291105

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | 1. UN3432, Polychlorinated biphenyls, solid 9, PGII,(B007) ERG#171 | 1 | DM | 100 | K | B007 | L | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
9b.1)Approval:~~2320003492~~ - Absorbent Socks (85 gal OP) 243083830O
Unique ID#:CP3-06 Out of Service Date: 08/23/2024

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Nick Stavbeck, As Agent for NYSDEC — Signature — Month 9 Day 27 Year 24

INT'L
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

TRANSPORTER
17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Francis McShane — Signature — Month 9 Day 27 Year 24
Transporter 2 Printed/Typed Name — Signature — Month Day Year

DESIGNATED FACILITY
18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
Received Pending Manifest Review/Quality Control Dept.
18c. Signature of Alternate Facility (or Generator) — Month Day Year
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)
1. H141 2. 3. 4.
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name — Signature — Month Day Year

EPA Form 8700-22 (Rev. 12-17) Previous editions are obsolete. DESIGNATED FACILITY TO EPA's e-MANIFEST SYSTEM

Please print or type.

Form Approved. OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|
| NYR000144212 | 1 | (267) 406-0083 | 024799406 JJK |

**GENERATOR**

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany NY 12233
Generator's Phone: 518 402-9688

Generator's Site Address (if different than mailing address)
NYSDEC-College Point 3 IRM
121st Street
College Point NY 11356

6. Transporter 1 Company Name
Innovative Recycling Technologies, Inc.
U.S. EPA ID Number: NYR000134940

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Avenue
South Kearny NJ 07032
Facility's Phone: 973 344-4004
U.S. EPA ID Number: NJD991291105

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | 1. UN3432, Polychlorinated biphenyls, solid 9, PGII,(B007) ERG#171 | 01 | DM | 50 | K | B007 | L | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
9b.1)Approval:023457074- Absorbent Socks
Unique ID#:CP3-07 Out of Service Date: 01/24/2025

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Hannah Dwyer (as agent for NYSDEC) — Signature: [signature] — Month: 02 Day: 17 Year: 25

**INT'L**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: James Ulrich — Signature: [signature] — Month: 02 Day: 17 Year: 25

Transporter 2 Printed/Typed Name: — Signature: — Month: Day: Year:

**DESIGNATED FACILITY**

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator) U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator) Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |
|---|---|---|---|
| | | | |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name: Signature: Month: Day: Year:

7/31 5942832

**NON-HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Waste Tracking Number |
|---|---|---|---|
| NYR000144212 | 1 | (267) 406-0083 | 46249 |

**GENERATOR**

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany NY 11356
Generator's Phone: 518 402-9688

Generator's Site Address (if different than mailing address)
NYSDEC-College Point 3 IRM
121st Street
College Point NY 11356

6. Transporter 1 Company Name
Innovative Recycling Technologies, Inc.
U.S. EPA ID Number: NYR000134940

7. Transporter 2 Company Name
Republic Environmental Systems (Trans Group)LLC
U.S. EPA ID Number: PAD982661381

8. Designated Facility Name and Site Address
Republic Environmental Systems (PA), LLC
2869 Sandstone Drive
Hatfield PA 19440
Facility's Phone: 215 822-8995
U.S. EPA ID Number: PAD085690592

| | 9. Waste Shipping Name and Description | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | |
|---|---|---|---|---|---|---|
| 1. | Non Hazardous Purge Water<br>Non-DOT Regulated Material | 1 | DM | 500 | P | |
| 2. | | | | | | |
| 3. | | | | | | |
| 4. | | | | | | |

13. Special Handling Instructions and Additional Information
9.1) 1801464
Doc# 189692-25

14. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: X Gianna Diaz
Signature: X [signature] on behalf of NYSDEC
Month 7 Day 24 Year 25

**INT'L**

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor DoMingos
Signature: [signature]
Month 7 Day 24 Year 25

Transporter 2 Printed/Typed Name: JESSICA PHUNG
Signature: [signature]
Month 7 Day 29 Year 25

**DESIGNATED FACILITY**

17. Discrepancy

17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

17c. Signature of Alternate Facility (or Generator)
Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: MALVEY SMITH
Signature: [signature]
Month 07 Day 31 Year 25

DESIGNATED FACILITY TO GENERATOR

# CERTIFICATE OF TREATMENT, RECYCLING, AND/OR DISPOSAL

CleanEarth



**Generator:** 691710 - NYSDEC
COLLEGE POINT 3 IRM: 121ST STR
COLLEGE POINT NY, 11356
**EPA ID:** NYR000144212

**Facility:** REPUBLIC ENV SYS (PA) LLC
2869 SANDSTONE DRIVE
HATFIELD PA, 19440
**EPA ID:** PAD085690592

**Manifest #:** 46249
**Waste Receipt #:** HAT-S7138
**Date Received:** 07/31/2025

| Line | Profile | Material Description | Treatment/ Disposal Description |
|---|---|---|---|
| 1 | 1801484-02 | NON-RCRA, NON-DOT REGULATED MATERIAL (PURGE WATER) | H070 CHEMICAL TREATMENT (REDUCTION/DESTRUCTION/OXIDATION/PRECIPITATION) |

**Name:** MARCIA THOMAS

**Signature :**

**Title :** Logistic Coordinator

Please print or type.

Form Approved. OMB No. 2050-0039

**UNIFORM HAZARDOUS WASTE MANIFEST**

| 1. Generator ID Number | 2. Page 1 of | 3. Emergency Response Phone | 4. Manifest Tracking Number |
|---|---|---|---|
| NYR000144212 | 1 | (267) 406-0083 | 024799840 JJK |

**GENERATOR**

5. Generator's Name and Mailing Address
NYSDEC
625 Broadway, 12th Floor
Albany NY 12233
Generator's Phone: 518 402-9688

Generator's Site Address (if different than mailing address)
NYSDEC-College Point 3 IRM
121st Street
College Point NY 11356

6. Transporter 1 Company Name
Innovative Recycling Technologies, Inc.
U.S. EPA ID Number: NYR000134940

7. Transporter 2 Company Name
U.S. EPA ID Number:

8. Designated Facility Name and Site Address
Clean Earth of North Jersey
105 Jacobus Avenue
South Kearny NJ 07032
Facility's Phone: 973 344-4004
U.S. EPA ID Number: NJD991291105

| 9a. HM | 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) | 10. Containers No. | 10. Containers Type | 11. Total Quantity | 12. Unit Wt./Vol. | 13. Waste Codes | | |
|---|---|---|---|---|---|---|---|---|
| X | 1. UN3432, Polychlorinated biphenyls, solid, 9, PGII,(B007) ERG#171 | 1 | DM | 45.35 | K | B007 | L | |
| | 2. | | | | | | | |
| | 3. | | | | | | | |
| | 4. | | | | | | | |

14. Special Handling Instructions and Additional Information
ERG 171 Approval:24308.48300 - Absorbent Socks
Unique ID#:CP3 08 Out of Service Date: 06/23/2025

15. **GENERATOR'S/OFFEROR'S CERTIFICATION:** I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ivanna Diaz
Signature: X on behalf of NYSDEC
Month: 7 Day: 24 Year: 25

**INT'L**

16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter signature (for exports only): Date leaving U.S.:

**TRANSPORTER**

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Victor Dominguez
Signature:
Month: 7 Day: 24 Year: 25

Transporter 2 Printed/Typed Name:
Signature:
Month: Day: Year:

**DESIGNATED FACILITY**

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

| 1. | 2. | 3. | 4. |
|---|---|---|---|
| | | | |

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a

Printed/Typed Name:
Signature:
Month: Day: Year:

# APPENDIX D

# SITE INSPECTION PHOTOGRAPHS (JUNE 23, 2025)

AECOM

**PHOTOGRAPHIC LOG**

| **Client Name:** NYDEC | **Site Location:** 12004 Riviera Ct, Flushing, NY 11356 | **Project No.** 60628943 |
|---|---|---|

| **Photo** 1 | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Grass area adjacent Riviera Court, Block 3916 Lot 108. Looking north.




| **Photo** 2 | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Riviera Court, Block 3916 Lot 255 AKA Lot 7504. Looking west.



AECOM

**PHOTOGRAPHIC LOG**

| **Client Name:** NYDEC | **Site Location:** 12004 Riviera Ct, Flushing, NY 11356 | **Project No.** 60628943 |
|---|---|---|

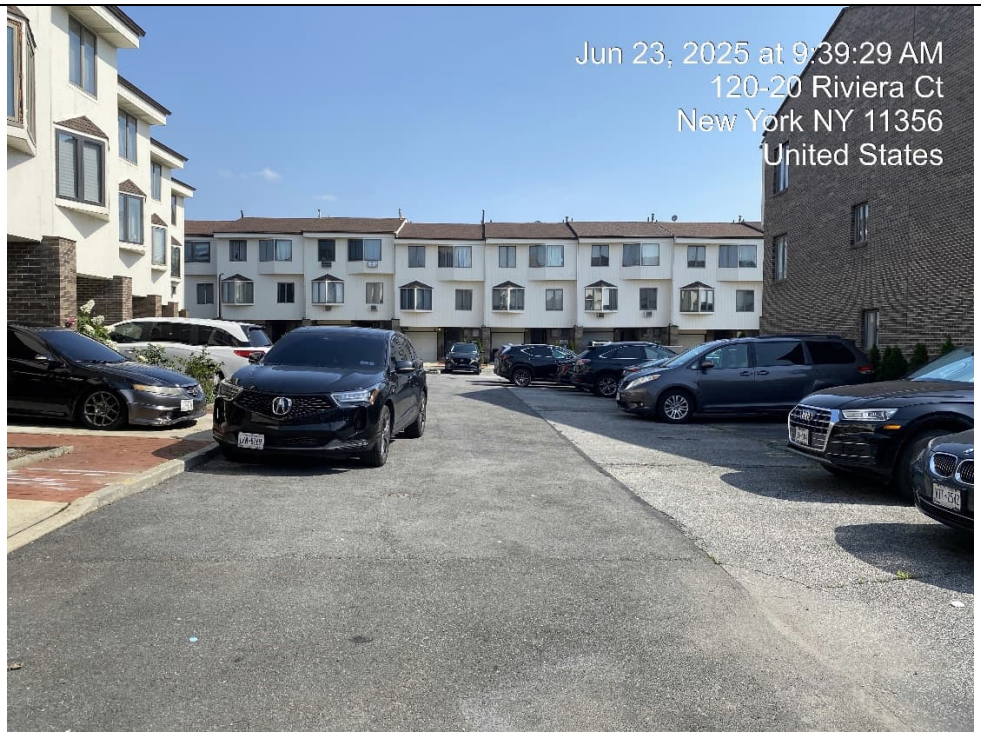
| **Photo 3** | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Riviera Court, Block 3916 Lot 255 AKA Lot 7504. Looking north.




| **Photo 4** | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Grass lawn accessed from Riviera Court, Block 3916 Lot 255 AKA Lot 7504. Looking north.



AECOM

**PHOTOGRAPHIC LOG**

| **Client Name:** NYDEC | **Site Location:** 12004 Riviera Ct, Flushing, NY 11356 | **Project No.** 60628943 |
|---|---|---|

| **Photo** 5 | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Grass lawn accessed from Riviera Court, Block 3916 Lot 255 AKA Lot 7504. Looking west.




| **Photo** 6 | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Capstan Court, Block 3916 Lot 250 AKA Lot 7503. Looking south.



AECOM

**PHOTOGRAPHIC LOG**

| **Client Name:** NYDEC | **Site Location:** 12004 Riviera Ct, Flushing, NY 11356 | **Project No.** 60628943 |
|---|---|---|

| **Photo 7** | **Date: 2025-06-23** |
|---|---|

**Location:**

College Point

**Description:**

Capstan Court, Block 3916 Lot 265. Looking east.



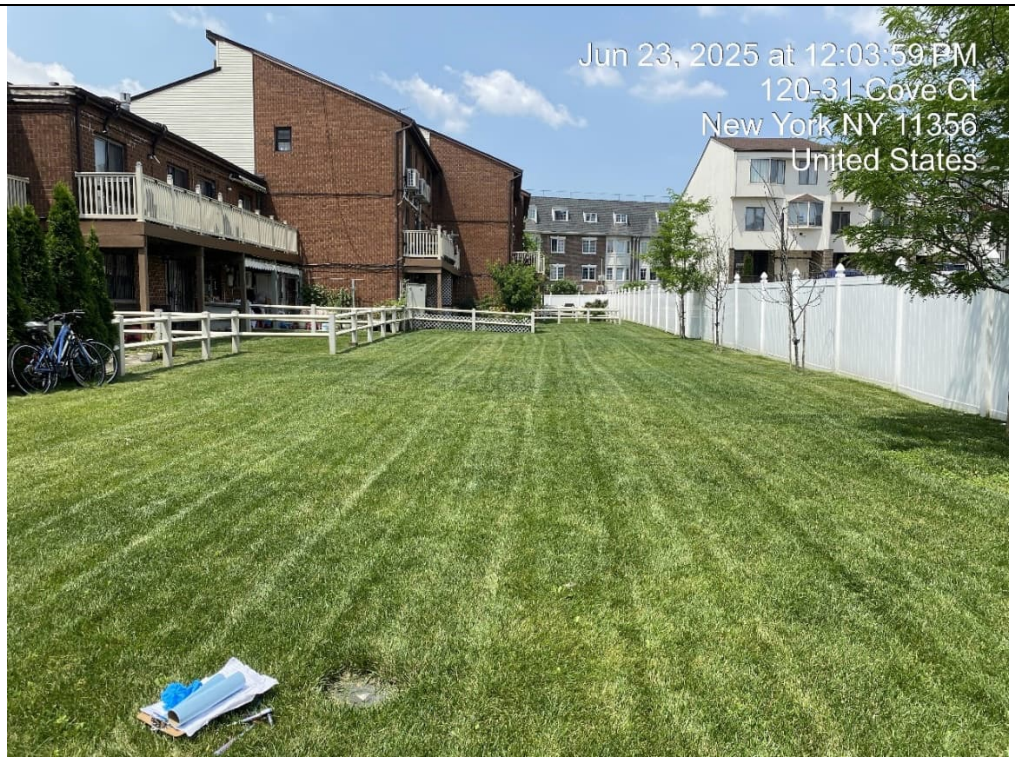

| **Photo 8** | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Grass lawn accessed from Cove Court, Block 3916 Lot 27. Looking west.



AECOM

**PHOTOGRAPHIC LOG**

| **Client Name:** NYDEC | **Site Location:** 12004 Riviera Ct, Flushing, NY 11356 | **Project No.** 60628943 |
|---|---|---|

| **Photo 9** | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Grass lawn accessed from Cove Court, Block 3916 Lot 27. Looking north.




| **Photo 10** | **Date:** 2025-06-23 |
|---|---|

**Location:**

College Point

**Description:**

Cove Court, Block 3916 Lot 250. Looking west.

