G. C. Environmental, Inc.

CONSULTANTS CONTRACTORS

Automobile Club of New York / AAA (Now Known AAA Northeast)

WESTCHESTER, NEW YORK

Periodic Review Report

(October 14, 2022 to October 14, 2023)
& January 2024

NYSDEC Site Number: 360095

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DATED JUNE 10, 2024

G. C. ENVIRONMENTAL, INC.
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PROFESSIONAL ENGINEER CERTIFICATION

I, Dean Devoe P.E., certify that I am currently a New York State registered professional engineer as defined in 6 NYCRR Part 375 and that this Periodic Review Report (PRR) was prepared in accordance with all applicable statutes and regulations and in substantial conformance with the DER Technical Guidance for Site Investigation and Remediation (DER-10) and that all activities were performed in full accordance with the DER-approved work plan and any DER-approved modifications.

Signature, Registered Professional Engineer



Dean Devoe

Printed Name, Registered Professional Engineer

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Periodic Review Report

1.0 INTRODUCTION

This document is required as an element of the remedial program at Automobile Club of New York (hereinafter referred to as the Site) under the New York State Inactive Hazardous Waste Disposal Site Remediation Program administered by New York State Department of Environmental Conservation (NYSDEC). The Site was remediated in accordance with Order on Consent Index No. D3-0504-06-09, Site # 360095, which was executed on December 29, 2006.

This PRR covers the period October 14, 2022 thru January 15, 2024.

A Site Management Plan (SMP), dated April 2015, is in place for ongoing remedial activities. This PRR presents the results of monitoring activities outlined in the SMP.

1.1 Summary of Site Contamination and Remedial History

The Site was previously occupied by W.S. Verplanck Coal, Feed & Building Materials, lumber sheds, Yonkers Fuel & Builders Corp. for coal storage, a gasoline tank on the southern portion of the Site which were used by Yonkers Builders Supply Co, and as a factory by Melrose Salvage Co. for the collecting, baling and shipping of wastepaper. The Site has been utilized as an automotive repair facility since 1975.

The Site was remediated in accordance with the NYSDEC-approved SC/IRM Work Plan, dated May 11, 2007.

An Interim Remedial Measure (IRM) was conducted in 2009 which consisted of excavating contaminated soil exceeding restricted commercial SCOs to a depth of 4.5 feet in the area by the former dry well.

The IRM remedial activities were completed at the Site in January 2009 as detailed in Section 2.2.

1.2 Effectiveness of the Remedial Program and Compliance

The remedial activities completed at the Site have been effective, based on the results of air/groundwater/soil monitoring.

No areas of non-compliance with the SMP have been identified.

1.3 Recommendations

Groundwater sampling results were compared with the previous sampling results. Based on sampling results presented in section 1.3. GCE recommends that groundwater

sampling events can be discontinued.

Based on air sampling results; GCE recommends to make a search for any potential chemicals in the office area for IA sample results and collect one IA and one SS sample in the garage area for confirmation of the latest results and if necessary, perform additional investigation.

GCE does not recommend any change to the frequency for submittal of PRRs.

The requirements for discontinuing site management have not been met at this time.

2.0 SITE OVERVIEW

2.1 Site Description

The Site is located at 101 Westmoreland Avenue, White Plains, Westchester County, New York and is identified as Block 1, Lot 1 in the City of White Plains, Westchester County. The Site is situated on an approximately 0.206-acre area bounded by Metro North Railroad tracks to the north, Westmoreland Avenue/commercial property – 90 Westmoreland Avenue to the south, commercial property – 87 Westmoreland Avenue to the east, and multi-story residential property – 121 Westmoreland Avenue to the west (see Figure 1).

- Site Characterization and Interim Remedial Measures (IRM) Work Plan, dated May 11, 2007 (the SC/IRM Work Plan.).

- Revised Site Characterization Report, dated November 11, 2013 (the SC Report).

Below is a summary of site conditions when the RI was performed in 2007 through 2009.

<u>Soil</u>

- In 2007, soil surrounding the former dry well was further delineated and additional borings were installed and sampled at the Site. Six (6) soil borings, B-12 through B-17 were installed in that area and soil samples from these borings were analyzed. The results from B-12, advanced through the concrete pad covering the former dry well (6 inches away from B-1), detected PCE at 14 mg/kg. All other samples were either non-detective or below standards except for B-15 and B-14, which contained low concentrations of PCE. The sampling also determined that the area by the former dry well contained old fill material in the top two (2) feet. In 2008, three additional soil borings were installed, B-18 through B-20. Soil samples from soil borings B-12 through B-20 were obtained and analyzed. All the samples were either non-detected or detected below the regulatory standards.

- In January 2009, the IRM was conducted which included excavating contaminated soil from the area of the former dry well. In February and March 2009, as part of the SC investigation, four (4) additional soil borings were installed (B-21 through B-24) in the parking lot on the northeast side of the Site. Petroleum hydrocarbons found in soil samples from B21 through B-24 were mostly below regulatory standards. Soil samples from B-23 and B-24 contained a few SVOCs, (benzo(a) anthracene, Benzo (b)fluoranthene, benzo(k)fluoranthene and chrysene), above regulatory standards but only in the fill material (0 to 3 feet below grade). The soil below this interval was found to be clean.

Site-Related Groundwater

Groundwater samples from the central portion of the Site located close to and down-gradient from the dry well contained PCE and its breakdown products, but at concentrations below 5 ug/l, which is the applicable groundwater standard. Concentrations of PCE were found to increase to the north and east and were highest in MW-6 and MW-9 (13 to 27 ug/l) along the northern boundary and in MW-2 and MW-3 (16 to 20 ug/l) along the eastern boundary of the Site. These data indicate that the main source(s) of PCE in groundwater are located off-site. 1,1,1-TCA and its breakdown products (1,1-DCA and 1,1-DCE) increase to the east and southwest and are highest in MW-2 (57 ug/l) along the eastern boundary of the Site and in MW-7 and MW-8 (100 to 240 ug/l) along the southwestern boundary of the Site. This data along with the soil vapor data discussed in the next section, are indicative of 1,1,1-TCA originating off-site.

During the last sampling round of the SC work in 2009, petroleum hydrocarbons were found in MW-9, located down-gradient of the removed USTs. However, the concentration of BTEX (2 ug/l) was detected below groundwater standards. This data indicated that the source of petroleum contamination was most likely the former/removed USTs that were located near soil boring B-5. The data also indicated that the petroleum plume was limited and moving slowly in the northwest direction, along the general direction of groundwater flow. The area beneath the building was essentially clean of petroleum products by 2009. During the 2009 SC investigation, petroleum hydrocarbons were detected in the groundwater sample taken from soil boring B-21, located in the parking lot along the northern boundary, about 25 feet to the east and cross-gradient of the location of the former UST area. The total BTEX concentrations (2 ug/l) were far below the groundwater standard, but the sample did contain concentrations of 1,2,4-trimethylbenzene (23 ug/l), 1,3,5-trimethylbenzene (12 ug/l) and naphthalene (64 ug/l) all of which exceed their respective groundwater standard. The source of this impact is not known and most likely is located off-site on property located to the north of the Site.

Site-Related Soil Vapor Intrusion

Low BTEX concentrations, ranging between 40.38 and 247.26 mcg/m^3 were detected in the soil vapor samples and in the indoor and outdoor ambient air samples conducted as part of the 2009 SC. Concentrations of BTEX detected in the deep soil vapor probe SS-7.

SS-7 is located down-gradient of the removed USTs. The concentration of 1,1,1-TCA detected in SS-9 indicates that 1,1,1-TCA most likely originated from up-gradient off-site sources. In addition, SS-9 contained breakdown products of 1,1,1-TCA, namely 1,1-DCE (83.37 ug/m^3) and 1,1-DCA (33.22 ug/m^3), which were not detected in any other soil vapor samples. The PCE concentration detected in SS-9 was also elevated, suggesting an off-site (up-gradient) contribution of PCE to the groundwater. The concentration of PCE (6,785 ug/m^3) in SS-3 indicates that potential source of PCE is located in the area of SS-3, which is proposed to be addressed by installation of the SVE system in this area.

The results of the 2009 SC investigation found that the former dry well was a small local source of chlorinated solvents from historical operations.

Underground Storage Tanks

- In 2007, the 550-gallon waste oil UST was tightness tested, closed, and abandoned in place.

2.2 Remedial History

The Site was remediated in accordance with the NYSDEC-approved SC/IRM Work Plan, dated May 11, 2007.

The following is a summary of the Remedial Actions performed at the Site:

1. Excavation of soil/fill exceeding restricted commercial SCOs to a depth of 4.5 feet in the area by the former dry well.

2. Development and implementation of a SMP for long term management of remaining contamination as required by the Environmental Easement, which includes plans for: (1) ICs and ECs, (2) monitoring, (3) operation and maintenance and (4) reporting;

3. Installation of the soil vapor extraction (SVE) system.

The IRM remedial activities were completed at the Site in January 2009.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS AND PROTECTIVENESS

This section describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site. The implemented remedy includes source removal, construction, and maintenance of a soil cover system, install

SVE unit system. The implemented remedy includes SVE system monitoring, construction and maintenance of a soil cover system, and groundwater monitoring.

3.1 Performance

In 2007 the 550-gallon waste oil UST was tightness tested, closed, and abandoned in place.

The contaminated soil removal was accomplished through an IRM that removed the contaminated soil to the depth of approximately 4.5 feet in the area of the dry well.

The SVE was installed at the exterior rear of the building at the western portion of the Site adjacent to the exterior auto detailing area.

An Environmental Easement was filed that will require compliance with the SMP and the ECs and ICs.

3.2 Effectiveness

The cover system is a permanent control, and the quality and integrity of this system is inspected at defined, regular intervals. Exposure to remaining contamination in soil/fill at the Site is prevented by a soil cover system placed over the Site. Soil vapor sampling is performed on a periodic basis to assess the performance of the remedy.

Groundwater monitoring is also performed on a periodic basis to assess the performance of the remedy. All monitoring well sampling activities are recorded in a field book and a groundwater-sampling log. Other observations (e.g., well integrity, etc.) is noted on the well sampling log. The well sampling log serves as the inspection form for the groundwater monitoring well network.

3.3 Protectiveness

The implemented remedy achieves the remedial action objective to protect human health and the environment. The impacted soil removed during the source removal action was transported offsite for disposal at a permitted disposal facility. This action of removing the impacted material from the Site effectively removed the source of contamination from the environment and eliminated human exposure.

Groundwater sampling and analysis is performed to monitor the concentration of residual compounds in groundwater at the Site. The results of the sampling and analysis indicate that the contamination is likely from offsite sources.

The results further indicate the concentrations of VOCs in onsite groundwater have been substantially reduced compared to historical levels. These conditions indicate it is unlikely that VOCs have migrated or will migrate offsite. Human exposure is not an

issue due to the absence of a pathway for human contact with, or use of, the impacted groundwater under the conditions of the restricted commercial use of the Site.

4.0 IC/EC COMPLIANCE REPORT

4.1 Institutional Controls

A series of ICs is required to: (1) implement, maintain and monitor EC systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to commercial or industrial use only. Adherence to these ICs on the Site will be required by the Environmental Easement and will be implemented under this SMP. These ICs are:

- Compliance with the Environmental Easement and this SMP by the Grantor and the Grantor's successors and assigns;
- All ECs must be operated and maintained as specified in this SMP;
- All ECs on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP.
- Soil vapor and other environmental or public health monitoring must be performed as defined in this SMP;
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in this SMP;

ICs that are identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement.

The Site has a series of ICs in the form of site restrictions. Adherence to these ICs will be required by the Environmental Easement. Site restrictions that apply to the Controlled Property are:

- The property may only be used for commercial or industrial use provided that the long-term ECs and ICs included in this SMP are employed.
- The property may not be used for a higher level of use, such as unrestricted and restricted residential use, without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC;
- All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP;

- The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use;

- The potential for vapor intrusion must be evaluated for any buildings developed on site, and any potential impacts that are identified must be monitored or mitigated;

- Vegetable gardens and farming on the property are prohibited;

- The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

4.2 Engineering Controls

Soil Cover

Exposure to remaining contamination in soil/fill at the Site is prevented by a soil cover system placed over the Site. The building slab and pavement will act as a site cover for residual contaminated soils that exceed soil clean up objectives for the site use.

The Excavation Work Plan outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying remaining contamination is disturbed. Procedures for the inspection and maintenance of this cover are provided in the Monitoring Plan included in Section 4 of the SMP.

Soil Vapor Extraction System

Since contaminated soil vapor exists beneath the Site, an EC is required to protect human Since contaminated soil vapor exists beneath the Site, an EC is required to protect human health and the environment. The Site has the following primary ECs, as described in the followings.

4.3 Corrective Measures

The IC/EC described above are fully in place and effective. Therefore, no corrective measures are proposed at this time.

4.4 IC/EC Certification

The NYSDEC Institutional and Engineering Controls (IC/EC) Certification Form is provided as Appendix A.

5.0 MONITORING PLAN COMPLIANCE REPORT

5.1 Components of the Monitoring Plan

The Monitoring Plan describes the measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected Site media identified below. The SMP contains details of the Site Monitoring Plan. Components of the monitoring plan are summarized below.

Table: Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
SVE System	Monthly	SVE Technician	Field
Cover System	Monthly	Field Technician	Field
Groundwater	Quarterly for 1st year, semiannually thereafter, annually since September 2018	Groundwater	VOCs/SVOCs

*The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH.

During 2021-2022 period, the monitoring plan has been changed with the approval of the NYSDEC and NYSDOH. The SVE Evaluation Work Plan was prepared and submitted to NYSDEC and NYSDOH on March 18, 2021. Approved plan was implemented on March 30 and April 2, 2021 and SVE Evaluation Work Report was prepared and submitted to NYSDEC and NYSDOH on October 27, 2021.

During 2022-2023 period, SVE System Upgrade & Monitoring Work Plan was prepared and submitted to NYSDEC on February 15, 2023. Approved plan was implemented. During this period, monthly monitoring and quarterly monitoring & samplings were performed (see Appendix C: Monthly & Quarterly Monitoring Reports).

5.1.1 Cover System Monitoring

The cover system is a permanent control and the quality and integrity of this system will

be inspected at defined, regular intervals. Exposure to remaining contamination in soil/fill at the Site is prevented by a soil cover system placed over the Site. The building slab and pavement act as a site cover for residual contaminated soils that exceed soil clean up objectives for the site use.

5.1.2 Groundwater Monitoring

Groundwater monitoring was performed on a periodic basis to assess the performance of the remedy.

The network of monitoring wells has been installed to monitor both up-gradient and down-gradient groundwater conditions at the Site. The network of on-site wells has been designed based on the following criteria:

The sampling frequency may be modified with the approval NYSDEC. The SMP will be modified to reflect changes in sampling plans approved by NYSDEC.

Groundwater monitoring frequency has changed annually since September 2018 with an approval of the NYSDEC. Due to changes of the work plan, groundwater sampling was postponed to January, 2024.

5.1.3 Sampling Protocol

All monitoring well sampling activities were recorded in a field book and a groundwater-sampling log.

5.1.4 Site-Wide Inspection

Site-wide inspections are performed on a regular schedule at a minimum of once a year.

5.2 Summary of Monitoring Data

5.2.1 Summary of Cover System Monitoring

The routine inspection of the cover system was conducted by GCE personnel. The building slab and pavement act as a site cover for residual contaminated soils that exceed soil clean up objectives for the site use. The cover system was not breached, penetrated or temporarily removed, and any underlying remaining contamination was not disturbed during the system inspection. Surficial cracks in the floor were observed near the remediation work area but not at the SVE well location and therefore are not contributing to any contaminant detections in the soil vapor (see Appendix B for Photolog).

5.2.2 Summary of Groundwater Monitoring

Groundwater monitoring data for 2022-2023 & January 2024 and prior sampling event is

summarized in Table 2.1 and 2.2. During January 15, 2024 sampling event, groundwater samples were collected at eight (8) existing monitoring well locations (MW-1 through MW-8) at the Subject Site. Due to limited access to the MW-9, groundwater sample was not able to be collected from these location.

The eight (8) on-site monitoring wells were sampled via disposable bailer and analyzed for VOCs/SVOCs. The results are compared to New York State Department of Environmental Conservation (NYSDEC)-Technical & Operational Guidance Series (TOGS) Ambient Water Quality Standards. Figure 2 shows the monitoring well locations.

The lab analytical results dated January 15, 2024 were compared with the previous lab analytical results dated March 1, 2023 and findings are described as follows: The lab analytical results dated January 15, 2024 indicates that 1,1,1-Trichloroethane concentration in samples MW-1 (compared with the 2021 results due to no sampling was performed for MW-1 in 2022), MW-2, MW-3, MW-4, MW-6, MW-7 slightly increased, in samples MW-5 and MW-8 were decreased.

Tetrachloroethene concentration in samples MW-1 (compared with 2021 results), MW-3, MW-5 were slightly increased; in samples MW-2, MW-4, MW-6 were decreased. In samples MW- 7 and MW-8 remained the same as previous year.

Based on the groundwater sample results, no significant changes of VOCs or SVOCs concentrations were identified during this period. (See Table 2.1 & 2.2: Summary of Groundwater Samples Analytical Data Results and Graphic 1 and Appendix D for Lab Analytical Results).

5.2.3 Summary of Air Sampling Monitoring

On March 1, 2023, as a baseline sampling event for the new approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023, air samples were collected at four (4) locations in the SVE system: at the SVE system blower discharge (SP-1), at the each SVE wells (SV-1 and SV-2) taken at the repair shop area when the SVE system was shut down and at the discharge of the GAC vessel (SP-2) when the SVE system was running.

On June 15, 2023, one (1) air sampling event was performed after upgrading the system. Air samples were collected at four (4) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the SVE system was running and at the each SVE wells (SV-2 and SV-3) taken at the repair shop area.

On September 26, 2023, one air sampling event was performed during this period. Air samples were planned to be collected at five (5) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the

SVE system was running and at the each SVE wells (SV-1 and SV-2 and SV-3) taken at the repair shop area. Deviation from the work plan: Due to unexpected site conditions, three (3) samples (SV-1, SV-2 and SV-3) were not able to collected from these locations, instead they were collected as representative samples with three (3) former samples (SS-1, SS-2 and SS-4) locations. Due to the newly installed extraction point was installed to address contaminant of compounds at SS-4 location, that sampling has been utilized to review datas at SS-4 location and in general areas.

Lab results dated September 26, 2023 indicates that the contaminant of compounds at SS-4 location significantly decreased from the latest sampling event dated June 3, 2022. The 1,1,1-Trichloroethane has been decreased from 1,090 ug/m3 to 15.5 ug/m3 and Tetrachloroethene has been decreased from 3,280 ug/m3 to 254 ug/m3 (see attached Appendix C: Monthly & Quarterly Monitoring Reports).

The air samples were collected using summa canisters over an elapsed time of 2 hour (at this time canisters were provided with a 2-hours regulator). The air samples were boxed and shipped to the Phoenix Environmental Laboratories (PEL), a New York State ELAP - approved laboratory for analysis of VOC using EPA Method TO-15. PID readings were 0.00 ppm at all sampling locations.

The system was turned off. On December 27, 2023, air sampling event was performed. Three (3) air samples; two sub-slab (SS-4 and SS-8) and one indoor sample (IA-1) were collected and sent to the lab to be analyzed (see the table 1-2 Air Sampling Results). According to indoor air sample and sub-slab sample comparison for Tetrachloroethene, Matrix B recommends identify source and resample or mitigate for SS-8 and mitigate for SS-4. For 1,1,1-Trichloroethane.

5.2.4 Inspections

Inspections of all remedial components installed at the Site were conducted at the frequency specified in the SMP Monitoring Plan and Operation and Maintenance Plan of this SMP. At a minimum, a site-wide inspection was conducted annually. Inspections of remedial components will also be conducted when a breakdown of any treatment system component has occurred or whenever a severe condition has taken place, such as an erosion or flooding event that may affect the ECs. Inspections were conducted in accordance with the procedures set forth in the Monitoring Plan of this SMP.

Photographs taken during the inspection are provided in Appendix B. The results of the inspection and site monitoring data will be evaluated as part of the EC/IC certification.

5.3 Comparison with Remedial Objectives

The following discussion details the trends in each well for groundwater sampling and soil vapor points.

Based on these findings, the system was turn off and the original SVE system evaluation work report – 2nd amended dated Oct 27th, 2022 was implemented and performed monitoring for a period of 12-months/quarterly basis as stated on the approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023.

5.4 Monitoring Deficiencies

Due to MW-9 was not accessible, no sampling was performed at this location. The trailer located on the MW-9 could not be moved during 2023 sampling event.

5.5 Conclusions and Recommendations for Changes

Groundwater sampling results were compared with the previous sampling results. Based on sampling results presented in section 1.3. GCE recommends that groundwater sampling events can be discontinued.

Based on air sampling results;

GCE recommends to make a search for any potential chemicals in the office area for IA sample results and collect one IA and one SS sample in the garage area for confirmation of the latest results and if necessary, perform additional investigation.

6.0 OPERATION & MAINTENANCE PLAN COMPLIANCE REPORT

This Operation and Maintenance Plan describes the measures necessary to operate, monitor and maintain the mechanical components of the remedy selected for the Site. This Operation and Maintenance Plan.

- Includes the steps necessary to allow individuals unfamiliar with the Site to operate and maintain the SVE system;
- Includes an operation and maintenance contingency plan; and,
- Will be updated periodically to reflect changes in site conditions or the manner in which the SVE systems are operated and maintained.

6.1 General System Monitoring

The general system operations include routine process monitoring, performance monitoring, and compliance monitoring.

6.1.1 Process Monitoring

Process monitoring includes measurement of flow rates, vacuums/pressures, vapor concentrations, within the SVE process streams.

6.1.2 Performance Monitoring

Vapor concentrations are measured in the SVE process via field PID measurement and/or vapor samples for laboratory analysis. Vapor concentrations, vacuums/pressures, flow rates, temperatures are measured at wellheads and vapor probes. The performance monitoring data is used in conjunction with the process monitoring data to estimate the vapor mass removal rates, total mass removed by the SVE system, and provide data regarding vapor concentrations remaining in the subsurface.

6.1.3 Compliance Monitoring

Compliance monitoring data has a specific purpose to satisfy the air and water discharge permit requirements.

6.1.3.1 Groundwater Level Monitoring

A key aspect to the operation strategy will be regular monitoring of the Site groundwater levels.

6.1.3.2 Well Field Optimization

VOC mass removal rates are maximized as much as possible by focusing on SVE wells within areas of higher vapor concentration/vapor production.

6.1.3.3 Soil Sampling

Soil cores are collected and field-screened for total organic vapors at discrete intervals using a PID and jar vapor-headspace methods. Screening results will be considered when selecting the soil interval to be submitted for laboratory analysis of VOCs by USEPA Method 8260. No soil samples were collected during this period.

6.1.3.4 Data Evaluation

Process and performance monitoring data will be entered into a spreadsheet to track trends in the data.

6.1.3.5 Status Reporting

General status reporting will be conducted on a quarterly basis. The status reports will detail: Total mass removed, Process parameters recorded during site visits and downloaded via the telemetry system, flow, pressure, vacuum, and total VOC

measurements collected in the field at the SVE wellheads, soil temperatures and heating performance, laboratory sample results and the associated laboratory and data validation reports, SVE discharge monitoring results, any system outages and corrective measures taken, scheduled maintenance, reconfiguration, or system optimization events.

6.1.3.6 SVE Shutdown Protocol

Determination of when the remedial objectives have been met will be based on air samples collected from soil vapor monitoring points and soil vapors collected in all the sub slab area.

6.2 Summary of Operation & Maintenance Data

6.2.1 General System Monitoring

The general system operations included routine process monitoring, performance monitoring, and compliance monitoring were not in place.

During the time from November 2021 thru March 2023, the SVE system was off and system monitoring were not performed. Therefore, based on approved SVE System Upgrade & Monitoring Work Plan, on March 6 and 7, 2023, GCE returned to the site to install one extraction point and perform maintenance within the SVE system. All gauges and piping within the system was checked out, gauge(s) that were not operational was replaced, carbon drum was replaced, moisture drum was emptied.

6.2.2.1 Process Monitoring

Process monitoring includes measurement of flow rates, vacuums/pressures, and vapor concentrations, within the SVE process streams were not performed during this period.

6.2.2.2 Performance Monitoring

Measurement of vapor concentrations in the SVE process, measurement of vapor concentrations, vacuums/pressures, flow rates, temperatures at wellheads and vapor probes were not performed during this period.

6.2.2.3 Compliance Monitoring

An air emissions permit was obtained from the WCDH. Wastewater was placed in drums and will be disposed of according to the regulatory requirements.

6.2.2.3.1 Groundwater Level Monitoring

Groundwater level measurements in all the on-site monitoring wells were conducted.

Depth to groundwater was measured using a solinst oil/water interface probe equipped with a fiberglass measuring tape (Table 3).

6.2.2.3.2 Soil Sampling

During this period, no soil samples were collected.

6.2.2.3.3 Data Evaluation

Process and performance monitoring data were not entered into a spreadsheet to track trends in the data during this period.

6.2.2.3.4 Status Reporting

General status reporting was not conducted.

6.2.2.3.5 SVE Shutdown Protocol

Determination of when the remedial objectives have been met will be based on air samples collected from soil vapor monitoring points and soil vapors collected in all the sub slab area.

As we were unable to achieve the desired results listed in the SVE work plan dated 2015, GCE prepared SVE system evaluation work plan to assist to determine the current site condition and move forward with a new strategy. As a part of SVE system evaluation work plan, SVE system upgrade monitoring work plan was prepared and begun to implemented as a new strategy.

7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

7.1 Compliance with SMP

All requirements of the SMP (IC/EC, monitoring) have been complied with for the reporting.

7.2 Performance and Effectiveness of the Remedy

The results of the groundwater monitoring suggest that overall groundwater quality is stable during the past four monitoring periods. Groundwater analytical results further suggest that the remedial objective to minimize or eliminate exposure pathways or significant risks to the public or the environment under the conditions of the contemplated use of the Site (i.e. Restricted Commercial) have been satisfied. Therefore, the remedy continues to achieve remedial goals established for this Site.
The results of air samples suggest that overall, the SVE system is successfully removing contaminants, however the target objectives have not yet been achieved.

7.3 Future PRR Submittals

The frequency of submittal of future PRRs will remain on an annual basis.

8.0 IC AND EC CERTIFICATION FORM

The NYSDEC Institutional and Engineering Control Certification Form for the Site is presented in Appendix A.

LIST OF TABLES

Table 1-1: Air Sampling Results **G. C. Environmental, Inc.** 101 Westmoreland Avenue, White Plains, NY 10606 GCE Project No: 05-003-00	Lab Sample Id Collection Date Client Id Matrix		CN51896 3/1/2023 SP-1 Air		CN51897 3/1/2023 SP-2 Air		CN51898 3/1/2023 SV-2 Air		CN51899 3/1/2023 SV-1 Air	
	CAS	Units	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	118	1.00	7.2	1.00	189	1.00	226	5.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	0.71	0.20	2.71	0.20	0.73	0.20	0.54	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	< 1.00	1.00	2.16	1.00	3.63	1.00	7.76	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	< 1.00	1.00	< 1.00	1.00	1.19	1.00	2.77	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	1.46	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	< 1.00	1.00	1.55	1.00	3.17	1.00	6.78	1.00
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	25.2	1.00	33.5	1.00	66.5	1.00	337	5.01
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	< 1.00	1.00	< 1.00	1.00	1.57	1.00	5.36	1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	< 0.20	0.20	< 0.20	0.20	0.23	0.20	0.22	0.20
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	1.29	1.00	< 1.00	1.00	1.14	1.00	2.43	1.00
Chloromethane	74-87-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	3.64	1.00	3.16	1.00	3.5	1.00	3.84	1.00
Ethanol	64-17-5	ug/m3	4.63	1.00	4.99	1.00	12.2	1.00	68.2	1.00
Ethyl acetate	141-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	< 1.00	1.00	1.09	1.00	2.52	1.00	6.25	1.00
Heptane	142-82-5	ug/m3	< 1.00	1.00	< 1.00	1.00	2.37	1.00	7.37	1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	< 1.00	1.00	1.05	1.00	4.12	1.00	16.5	1.00
Isopropylalcohol	67-63-0	ug/m3	2.97	1.00	< 1.00	1.00	4.27	1.00	8.03	1.00
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	< 1.00	1.00	4.47	1.00	10.2	1.00	23.9	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	3.01	1.00	13.8	1.00	4.19	1.00	5.33	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	< 1.00	1.00	1.69	1.00	3.73	1.00	9.24	1.00
Propylene	115-07-1	ug/m3	< 1.00	1.00	2.51	1.00	< 1.00	1.00	1.63	1.00
sec-Butylbenzene	135-98-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene	100-42-5	ug/m3	< 1.00	1.00	< 1.00	1.00	1.29	1.00	2.07	1.00
Tetrachloroethene	127-18-4	ug/m3	22.6	0.25	21.2	0.25	424	1.25	725	1.25
Tetrahydrofuran	109-99-9	ug/m3	9.52	1.00	2.68	1.00	< 1.00	1.00	< 1.00	1.00
Toluene	108-88-3	ug/m3	< 1.00	1.00	3.95	1.00	11.5	1.00	29.9	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	0.74	0.20	< 0.20	0.20	2.45	0.20	4.18	0.20
Trichlorofluoromethane	75-69-4	ug/m3	1.09	1.00	< 1.00	1.00	1.15	1.00	1.21	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	1.79	1.00	< 1.00	1.00	1.5	1.00	2.78	1.00
Vinyl Chloride	75-01-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Result Detected

Table 1-2: Air Sampling Results **G. C. Environmental, Inc.** 101 Westmoreland Avenue, White Plains, NY 10606 GCE Project No: 05-003-00	Lab Sample Id Collection Date Client Id Matrix CAS	Units	CP58336 11/30/2023 SS-8 Air Result	RL	CP58337 11/30/2023 SS-4 Air Result	RL	CP58338 11/30/2023 IA-1 Air Result	RL
Volatiles (TO15) By TO15								
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	< 1.00	1.00	43.3	1.00	< 1.00	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	25.5	1.00	10.9	1.00	53.6	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	7.81	1.00	2.56	1.00	15.2	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	25.6	1.00	7.37	1.00	48.6	1.00
4-Isopropyltoluene	99-87-6	ug/m3	1.36	1.00	< 1.00	1.00	1.91	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	4.42	1.00	< 1.00	1.00	9.21	1.00
Acetone	67-64-1	ug/m3	78.3	1.00	5.27	1.00	449	5.01
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	12.7	1.00	< 1.00	1.00	17.2	1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	0.43	0.20	0.34	0.20	0.45	0.20
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloromethane	74-87-3	ug/m3	< 1.00	1.00	< 1.00	1.00	1.33	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	20.4	1.00	< 1.00	1.00	21.6	1.00
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	2.36	1.00	4.45	1.00	2.22	1.00
Ethanol	64-17-5	ug/m3	34.3	1.00	4.18	1.00	299	1.00
Ethyl acetate	141-78-6	ug/m3	4.18	1.00	< 1.00	1.00	31.2	1.00
Ethylbenzene	100-41-4	ug/m3	42.4	1.00	4.01	1.00	65.5	1.00
Heptane	142-82-5	ug/m3	54.9	1.00	1.43	1.00	70.4	1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	49.3	1.00	1.14	1.00	59.2	1.00
Isopropylalcohol	67-63-0	ug/m3	2.09	1.00	< 1.00	1.00	8.06	1.00
Isopropylbenzene	98-82-8	ug/m3	3.88	1.00	< 1.00	1.00	5.7	1.00
m,p-Xylene	179601-23-1	ug/m3	142	1.00	18.4	1.00	235	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	12.1	1.00	< 1.00	1.00	33.3	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	18.6	3.00	< 3.00	3.00	24.9	3.00
n-Butylbenzene	104-51-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	46.9	1.00	7.64	1.00	73.3	1.00
Propylene	115-07-1	ug/m3	< 1.00	1.00	< 1.00	1.00	4.82	1.00
sec-Butylbenzene	135-98-8	ug/m3	1.07	1.00	< 1.00	1.00	1.46	1.00
Styrene	100-42-5	ug/m3	186	4.98	86	1.00	6.3	1.00
Tetrachloroethene	127-18-4	ug/m3	37	0.25	555	1.25	18.6	0.25
Tetrahydrofuran	109-99-9	ug/m3	3.68	1.00	< 1.00	1.00	4.77	1.00
Toluene	108-88-3	ug/m3	308	5.01	10.4	1.00	501	5.01
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	< 0.20	0.20	0.45	0.20	0.23	0.20
Trichlorofluoromethane	75-69-4	ug/m3	1.33	1.00	1.07	1.00	1.22	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	< 1.00	1.00	1.39	1.00	< 1.00	1.00
Vinyl Chloride	75-01-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Result Detected

Table 2-1: Groundwater Results **G. C. Environmental, Inc.** 101 Westmoreland Avenue, White Plains, NY 10606 Project Id : 05-003-00				CJ39822 3/1/2023 MW-2 Ground Water		CJ39823 3/1/2023 MW-3 Ground Water		CJ39824 3/1/2023 MW-4 Ground Water		CJ39825 3/1/2023 MW-5 Ground Water		CJ39826 3/1/2023 MW-6 Ground Water		CJ39827 3/1/2023 MW-7 Ground Water		CJ39828 3/1/2023 MW-8 Ground Water		CN51895 3/1/2023 TRIP BLANK Ground Water	
	Lab Sample Id	Units	TOGS-WQ/GA	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260C																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	6	1.0	4	1.0	11	1.0	6	1.0	4.4	1.0	47	5.0	14	1.0	< 1.0	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	1.1	1.0	< 1.0	1.0	< 1.0	1.0	2.6	1.0	1.1	1.0	< 1.0	1.0
1,1-Dichloropropene	563-58-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	95-50-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	95-49-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	591-78-6	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	106-43-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L	NS	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acetone	67-64-1	ug/L	50	< 25	25	< 25	25	51	50	< 25	25	180	50	< 25	25	< 25	25	< 25	25
Acrylonitrile	107-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Benzene	71-43-2	ug/L	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	108-86-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	74-97-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	75-27-4	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Bromoform	75-25-2	ug/L	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromomethane	74-83-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon Disulfide	75-15-0	ug/L	NS	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	108-90-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroethane	75-00-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroform	67-66-3	ug/L	7	1.4	1.0	1.1	1.0	1.3	1.0	1.5	1.0	1.3	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloromethane	74-87-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	5.3	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	124-48-1	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Dibromomethane	74-95-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	100-41-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Isopropylbenzene	98-82-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylene	179601-23-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	75-09-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Naphthalene	91-20-3	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	104-51-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	103-65-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	95-47-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	99-87-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	135-98-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	100-42-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	98-06-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	127-18-4	ug/L	5	18	1.0	9.6	1.0	1.9	1.0	2.8	1.0	13	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	109-99-9	ug/L	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Toluene	108-88-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1.6	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total Xylenes	1330-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Trichloroethene	79-01-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	75-69-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	75-01-4	ug/L	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Semivolatiles By SW8270D																			
1,2,4,5-Tetrachlorobenzene	95-94-3	ug/L	NS	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3	< 3.3	3.3		
1,2,4-Trichlorobenzene	120-82-1	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
1,2-Dichlorobenzene	95-50-1	ug/L	NS	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4		
1,2-Diphenylhydrazine	122-66-7	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4		
1,4-Dichlorobenzene	106-46-7	ug/L	NS	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4		
2,4,5-Trichlorophenol	95-95-4	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
2,4,6-Trichlorophenol	88-06-2	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2,4-Dichlorophenol	120-83-2	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2,4-Dimethylphenol	105-67-9	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2,4-Dinitrophenol	51-28-5	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2,4-Dinitrotoluene	121-14-2	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2,6-Dinitrotoluene	606-20-2	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
2-Chloronaphthalene	91-58-7	ug/L	10	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
2-Chlorophenol	95-57-8	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
2-Methylphenol (o-cresol)	95-48-7	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2-Nitroaniline	88-74-4	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
2-Nitrophenol	88-75-5	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
3&4-Methylphenol (m&p-cresol)	NX - M&P CRES	ug/L	NS	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
3,3'-Dichlorobenzidine	91-94-1	ug/L	5	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4	< 9.4	9.4		
3-Nitroaniline	99-09-2	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
4-Bromophenyl phenyl ether	101-55-3	ug/L	NS	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		

4-Chloro-3-methylphenol	59-50-7	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
4-Chloroaniline	106-47-8	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
4-Nitroaniline	100-01-6	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
4-Nitrophenol	100-02-7	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Acetophenone	98-86-2	ug/L	NS	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
Aniline	62-53-3	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Benzidine	92-87-5	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Benzoic acid	65-85-0	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Benzyl butyl phthalate	85-68-7	ug/L	50	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47		
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Bis(2-chloroisopropyl)ether	108-60-1	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
Carbazole	86-74-8	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Dibenzofuran	132-64-9	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Diethyl phthalate	84-66-2	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Dimethylphthalate	131-11-3	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Di-n-butylphthalate	84-74-2	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Di-n-octylphthalate	117-84-0	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Hexachloroethane	67-72-1	ug/L	5	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
Isophorone	78-59-1	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
N-Nitrosodi-n-propylamine	621-64-7	ug/L	NS	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
N-Nitrosodiphenylamine	86-30-6	ug/L	50	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7		
Pentachloronitrobenzene	82-68-8	ug/L	NS	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4	< 2.4	2.4		
Phenol	108-95-2	ug/L	1	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94		
Semivolatiles (SIM) By SW8270D (SIM)																			
2-Methylnaphthalene	91-57-6	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Acenaphthene	83-32-9	ug/L	20	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Acenaphthylene	208-96-8	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Anthracene	120-12-7	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Benz(a)anthracene	56-55-3	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02		
Benzo(a)pyrene	50-32-8	ug/L	NS	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02		
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02		
Benzo(ghi)perylene	191-24-2	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02		
Chrysene	218-01-9	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02		
Dibenz(a,h)anthracene	53-70-3	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Fluoranthene	206-44-0	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Fluorene	86-73-7	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Hexachlorobenzene	118-74-1	ug/L	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04		
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Hexachlorocyclopentadiene	77-47-4	ug/L	5	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02	< 0.02	0.02		
Naphthalene	91-20-3	ug/L	10	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Nitrobenzene	98-95-3	ug/L	0.4	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38		
N-Nitrosodimethylamine	62-75-9	ug/L	NS	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Pentachlorophenol	87-86-5	ug/L	1	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Phenanthrene	85-01-8	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Pyrene	129-00-0	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		
Pyridine	110-86-1	ug/L	50	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47		

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

Table 2-2: Groundwater Results
G. C. Environmental, Inc.
101 Westmoreland Avenue,
White Plains, NY 10606

Project Id : 05-003-00

				CP89973 1/15/2024 MW-1 Ground Water		CP89974 1/15/2024 MW-2 Ground Water		CP89975 1/15/2024 MW-3 Ground Water		CP89976 1/15/2024 MW-4 Ground Water		CP89977 1/15/2024 MW-5 Ground Water		CP89978 1/15/2024 MW-6 Ground Water		CP89979 1/15/2024 MW-7 Ground Water		CP89980 1/15/2024 MW-8 Ground Water	
	Lab Sample Id	Units	TOGS-WQ/GA	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles By SW8260C																			
1,1,1,2-Tetrachloroethane	630-20-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1,1-Trichloroethane	71-55-6	ug/L	5	27	2.0	14	1.0	4.6	1.0	12	1.0	5.1	1.0	4.8	1.0	50	5.0	11	1.0
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	5	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,1,2-Trichloroethane	79-00-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethane	75-34-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,1-Dichloroethene	75-35-4	ug/L	5	3	1.0	< 1.0	1.0	< 1.0	1.0	1.1	1.0	< 1.0	1.0	< 1.0	1.0	2.1	1.0	< 1.0	1.0
1,1-Dichloropropene	563-58-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichlorobenzene	87-61-6	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,3-Trichloropropane	96-18-4	ug/L	0.04	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2,4-Trichlorobenzene	120-82-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2,4-Trimethylbenzene	95-63-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dibromo-3-chloropropane	96-12-8	ug/L	0.04	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
1,2-Dibromoethane	106-93-4	ug/L	0.0006	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25	< 0.25	0.25
1,2-Dichlorobenzene	95-50-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,2-Dichloroethane	107-06-2	ug/L	0.6	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60	< 0.60	0.60
1,2-Dichloropropane	78-87-5	ug/L	1	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3,5-Trimethylbenzene	108-67-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,3-Dichloropropane	142-28-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
1,4-Dichlorobenzene	106-46-7	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2,2-Dichloropropane	594-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Chlorotoluene	95-49-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
2-Hexanone	591-78-6	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
2-Isopropyltoluene	527-84-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Chlorotoluene	106-43-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
4-Methyl-2-pentanone	108-10-1	ug/L	NS	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Acetone	67-64-1	ug/L	50	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25	< 25	25
Acrylonitrile	107-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Benzene	71-43-2	ug/L	1	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70	< 0.70	0.70
Bromobenzene	108-86-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromochloromethane	74-97-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromodichloromethane	75-27-4	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Bromoform	75-25-2	ug/L	50	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Bromomethane	74-83-9	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Carbon Disulfide	75-15-0	ug/L	NS	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Carbon tetrachloride	56-23-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chlorobenzene	108-90-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroethane	75-00-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Chloroform	67-66-3	ug/L	7	1.5	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	1.2	1.0	1.2	1.0	< 1.0	1.0	< 1.0	1.0
Chloromethane	74-87-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,2-Dichloroethene	156-59-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
cis-1,3-Dichloropropene	10061-01-5	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Dibromochloromethane	124-48-1	ug/L	50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50	< 0.50	0.50
Dibromomethane	74-95-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Dichlorodifluoromethane	75-71-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Ethylbenzene	100-41-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
Isopropylbenzene	98-82-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
m&p-Xylene	179601-23-1	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methyl ethyl ketone	78-93-3	ug/L	50	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Methyl t-butyl ether (MTBE)	1634-04-4	ug/L	NS	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Methylene chloride	75-09-2	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Naphthalene	91-20-3	ug/L	10	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Butylbenzene	104-51-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
n-Propylbenzene	103-65-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
o-Xylene	95-47-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
p-Isopropyltoluene	99-87-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
sec-Butylbenzene	135-98-8	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Styrene	100-42-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
tert-Butylbenzene	98-06-6	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Tetrachloroethene	127-18-4	ug/L	5	1.3	1.0	17	1.0	14	1.0	1.7	1.0	3.2	1.0	11	1.0	< 1.0	1.0	< 1.0	1.0
Tetrahydrofuran (THF)	109-99-9	ug/L	50	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5	< 2.5	2.5
Toluene	108-88-3	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Total Xylenes	1330-20-7	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,2-Dichloroethene	156-60-5	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
trans-1,3-Dichloropropene	10061-02-6	ug/L	0.4	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40	< 0.40	0.40
trans-1,4-dichloro-2-butene	110-57-6	ug/L	5	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0	< 5.0	5.0
Trichloroethene	79-01-6	ug/L	5	1.1	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorofluoromethane	75-69-4	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Trichlorotrifluoroethane	76-13-1	ug/L	5	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Vinyl chloride	75-01-4	ug/L	2	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0	< 1.0	1.0
Semivolatiles By SW8270D																			
1,2,4-Trichlorobenzene	120-82-1	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
1,2-Dichlorobenzene	95-50-1	ug/L	NS	< 3.1	3.1	< 2.9	2.9	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.9	2.9
1,2-Diphenylhydrazine	122-66-7	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
1,3-Dichlorobenzene	541-73-1	ug/L	3	< 3.0	3.0	< 2.9	2.9	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.9	2.9
1,4-Dichlorobenzene	106-46-7	ug/L	NS	< 3.1	3.1	< 2.9	2.9	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.8	2.8	< 2.9	2.9
2,2'-Oxybis(1-Chloropropane)	108-60-1	ug/L	5	< 1.0	1.0	< 0.95	0.95	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.97	0.97
2,4-Dinitrotoluene	121-14-2	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
2,6-Dinitrotoluene	606-20-2	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
2-Chloronaphthalene	91-58-7	ug/L	10	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
2-Methylnaphthalene	91-57-6	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
2-Nitroaniline	88-74-4	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
3,3'-Dichlorobenzidine	91-94-1	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
3-Nitroaniline	99-09-2	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
4-Bromophenyl phenyl ether	101-55-3	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
4-Chloroaniline	106-47-8	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9

4-Nitroaniline	100-01-6	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Acenaphthene	83-32-9	ug/L	20	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Anthracene	120-12-7	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Benzidine	92-87-5	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Benzoic acid	65-85-0	ug/L	NS	< 50	50	< 48	48	< 47	47	< 47	47	< 47	47	< 47	47	< 47	47	< 49	49
Benzyl Alcohol	100-51-6	ug/L	NS	< 21	21	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19	< 19	19
Benzyl butyl phthalate	85-68-7	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Bis(2-chloroethoxy)methane	111-91-1	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Bis(2-chloroethyl)ether	111-44-4	ug/L	1	< 1.0	1.0	< 0.95	0.95	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.94	0.94	< 0.97	0.97
Bis(2-ethylhexyl)phthalate	117-81-7	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Dibenzofuran	132-64-9	ug/L	NS	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Diethyl phthalate	84-66-2	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	12	4.7	< 4.7	4.7	6.5	4.9
Dimethylphthalate	131-11-3	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Di-n-butylphthalate	84-74-2	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Di-n-octylphthalate	117-84-0	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Fluoranthene	206-44-0	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Fluorene	86-73-7	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Hexachloroethane	67-72-1	ug/L	5	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Isophorone	78-59-1	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Naphthalene	91-20-3	ug/L	10	< 5.0	5.0	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
N-Nitrosodimethylamine	62-75-9	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
N-Nitrosodi-n-propylamine	621-64-7	ug/L	NS	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
N-Nitrosodiphenylamine	86-30-6	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Pyrene	129-00-0	ug/L	50	< 5.2	5.2	< 4.8	4.8	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.7	4.7	< 4.9	4.9
Semivolatiles (SIM) By SW8270D (SIM)																			
Acenaphthylene	208-96-8	ug/L	NS	< 0.52	0.52	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49
Benz(a)anthracene	56-55-3	ug/L	0.002	0.26	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.03	0.02
Benzo(a)pyrene	50-32-8	ug/L	NS	0.37	0.02	0.13	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.13	0.02
Benzo(b)fluoranthene	205-99-2	ug/L	0.002	0.22	0.02	0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02
Benzo(ghi)perylene	191-24-2	ug/L	NS	< 0.52	0.52	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49
Benzo(k)fluoranthene	207-08-9	ug/L	0.002	0.21	0.02	0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02
Chrysene	218-01-9	ug/L	0.002	0.23	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.02	0.02
Dibenz(a,h)anthracene	53-70-3	ug/L	NS	< 0.52	0.52	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49
Hexachlorobenzene	118-74-1	ug/L	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04	< 0.04	0.04
Hexachlorobutadiene	87-68-3	ug/L	0.5	< 0.50	0.50	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49
Hexachlorocyclopentadiene	77-47-4	ug/L	5	< 0.52	0.52	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49
Indeno(1,2,3-cd)pyrene	193-39-5	ug/L	0.002	0.3	0.02	0.12	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	< 0.02	0.02	0.12	0.02
Nitrobenzene	98-95-3	ug/L	0.4	< 0.40	0.40	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.38	0.38	< 0.39	0.39
Phenanthrene	85-01-8	ug/L	50	< 0.52	0.52	< 0.48	0.48	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.47	0.47	< 0.49	0.49

Result Detected

RL Exceeds Criteria

Result Exceeds Criteria

G. C. Environmental, Inc.
101 Westmoreland Avenue,White Plains, New York
Table 3-Depth of GW, March 2023 thru January 2024

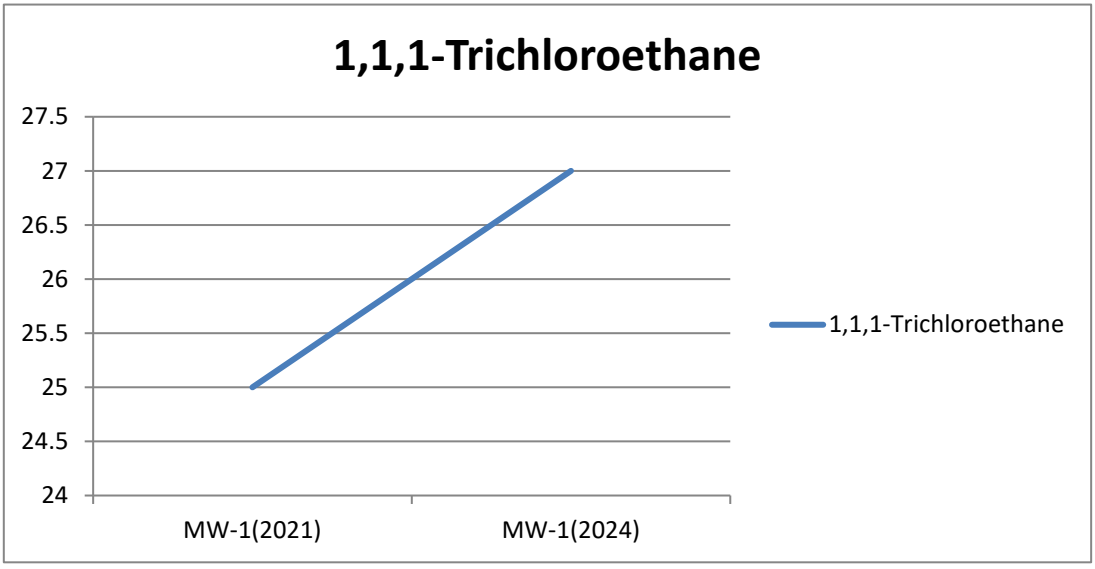
Monitoring Wells Onsite	Unit	GW Level Measurement March 2023	GW Level Measurement January 2024
MW-1	ft	28.54	28.1
MW-2	ft	26.3	26.8
MW-3	ft	25.29	26.6
MW-4	ft	22.2	28.32
MW-5	ft	27.92	28.1
MW-6	ft	28.11	27.9
MW-7	ft	27.68	27.2
MW-8	ft	28.72	27.9
MW-9	ft	N/A	N/A

Note: MW-9 is not accesible.

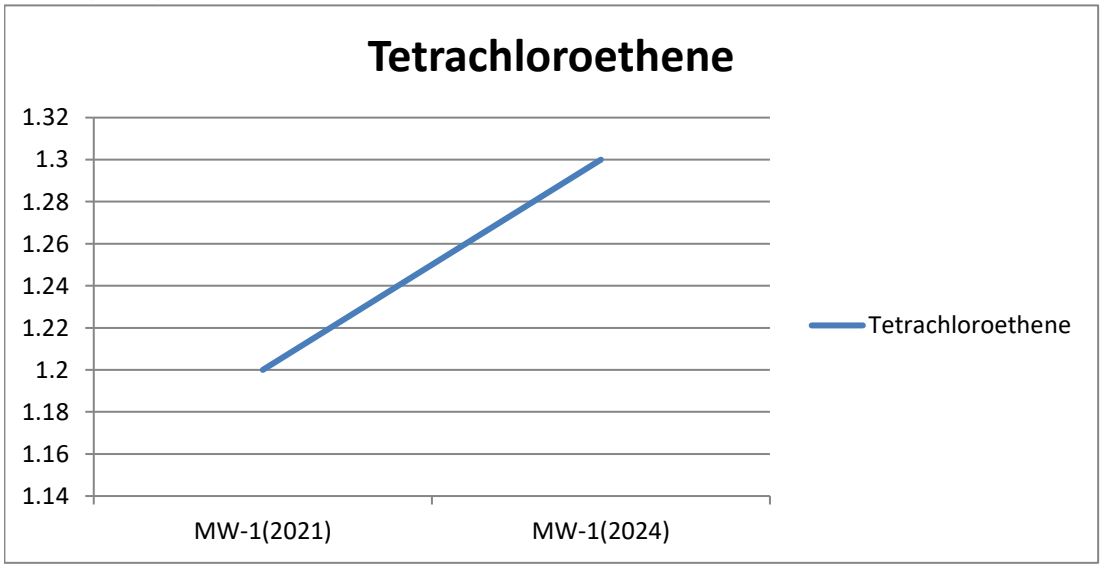
LIST OF GRAPHICS

Graphic 1-2 - AAA
1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-2)

	1,1,1-Trichloroethane
MW-1(2021)	25
MW-1(2024)	27



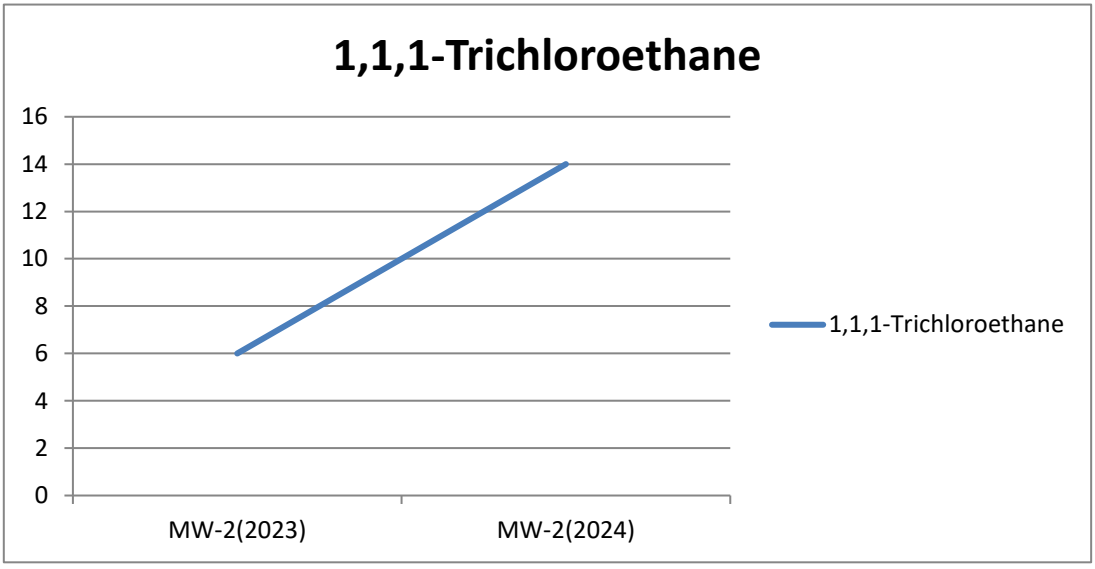
	Tetrachloroethene
MW-1(2021)	1.2
MW-1(2024)	1.3



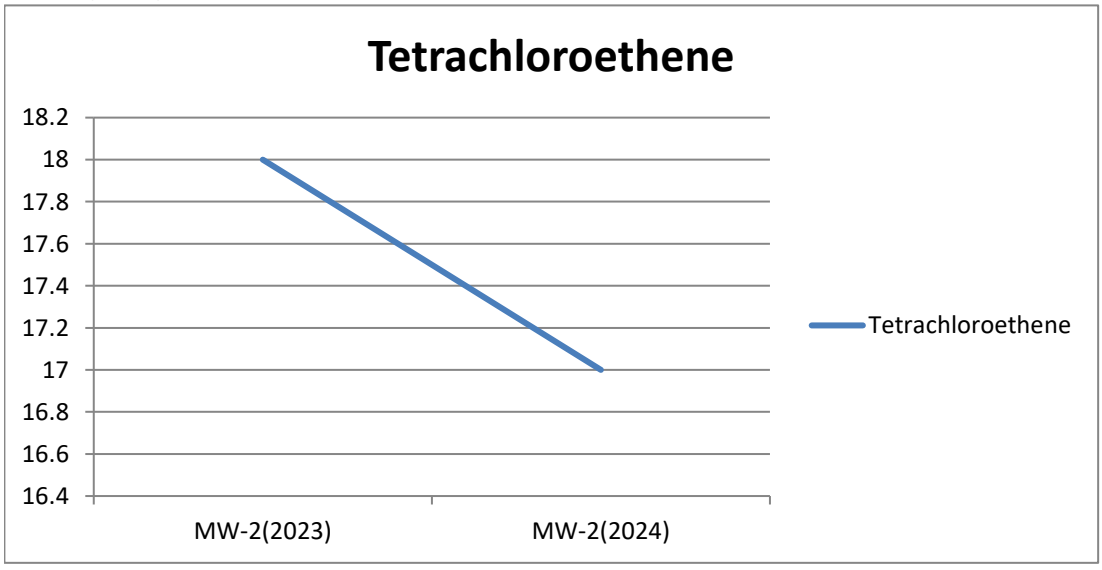
Note: Due to MW-1 was not sampled, 2021 results were compared.

Graphic 1-2 - AAA
1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-2)

	1,1,1-Trichloroethane
MW-2(2023)	6
MW-2(2024)	14

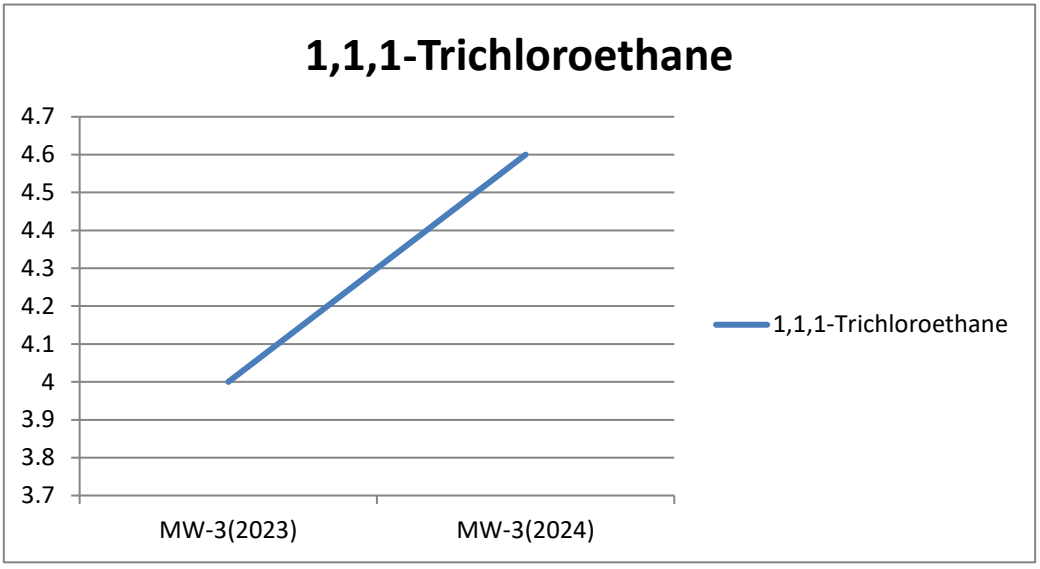


	Tetrachloroethene
MW-2(2023)	18
MW-2(2024)	17

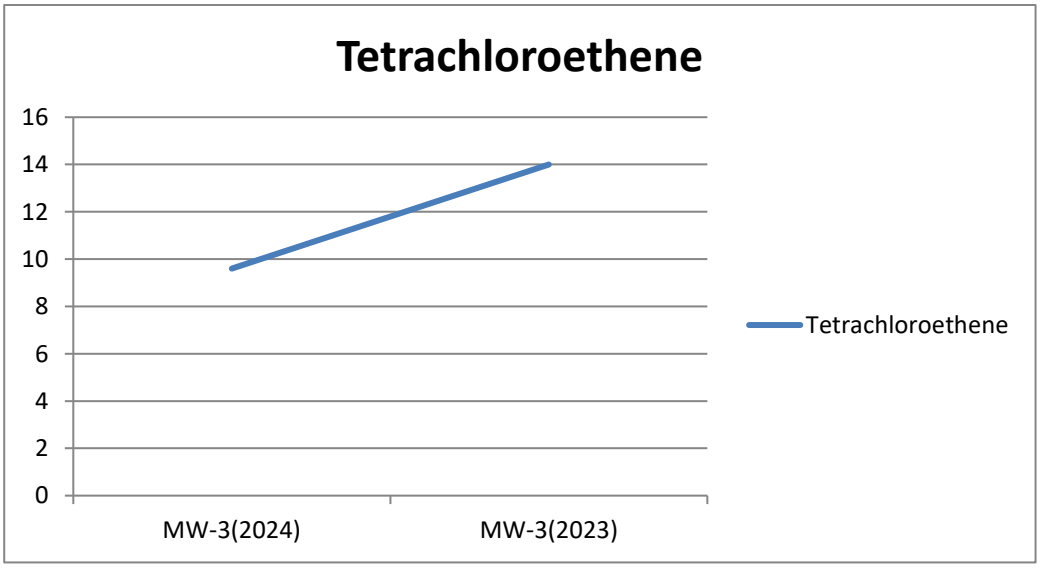


Graphic 1-3 - AAA
1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-3)

	1,1,1-Trichloroethane
MW-3(2023)	4
MW-3(2024)	4.6



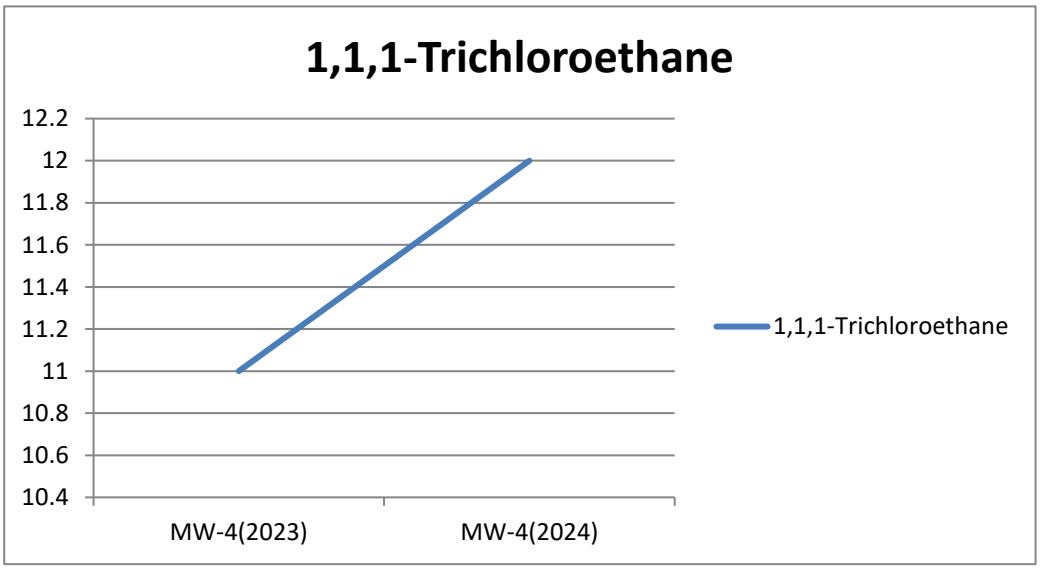
	Tetrachloroethene
MW-3(2024)	9.6
MW-3(2023)	14



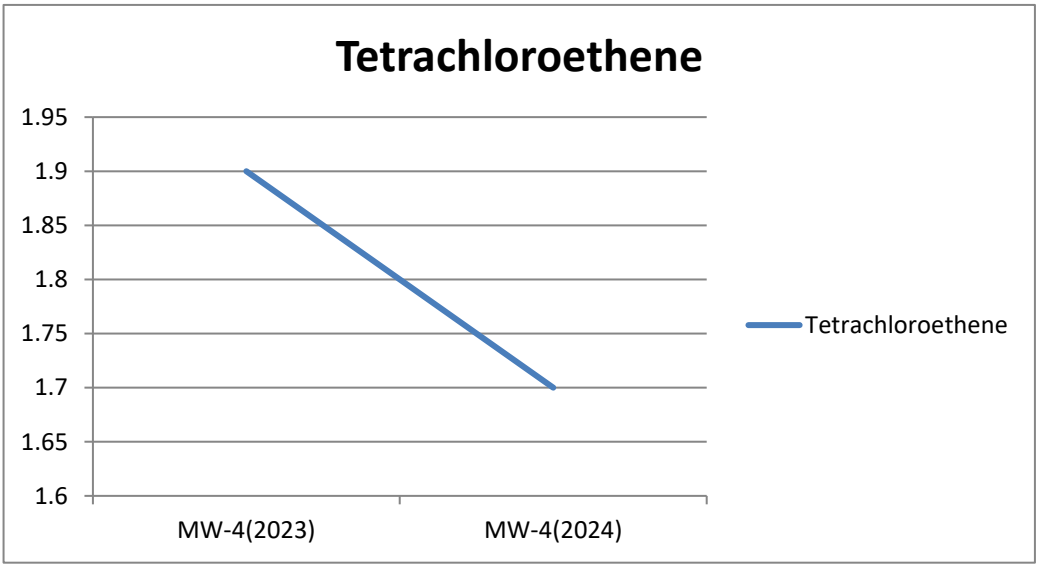
Graphic 1-4 - AAA

1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-4)

	1,1,1-Trichloroethane
MW-4(2023)	11
MW-4(2024)	12



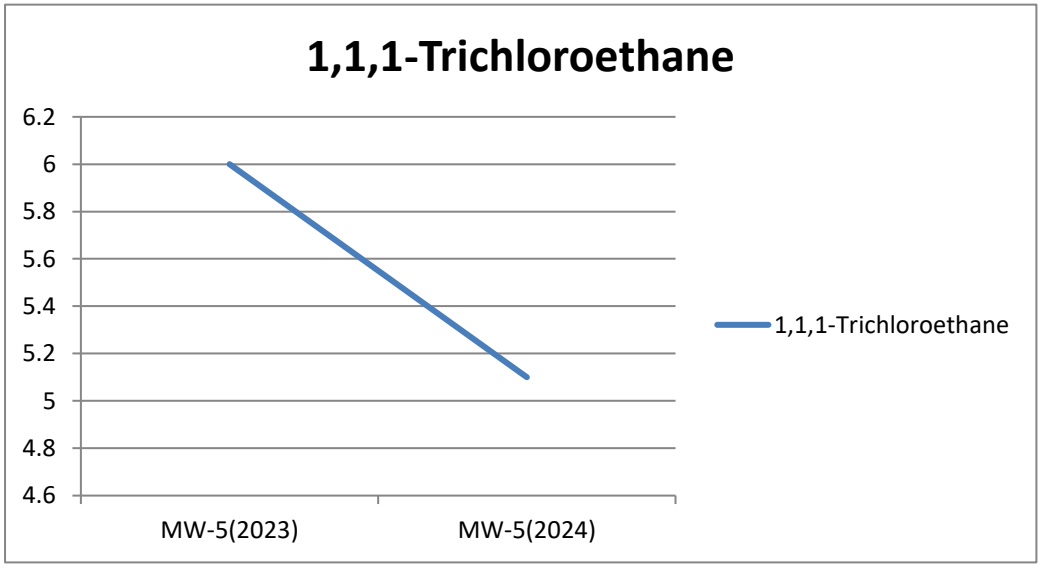
	Tetrachloroethene
MW-4(2023)	1.9
MW-4(2024)	1.7



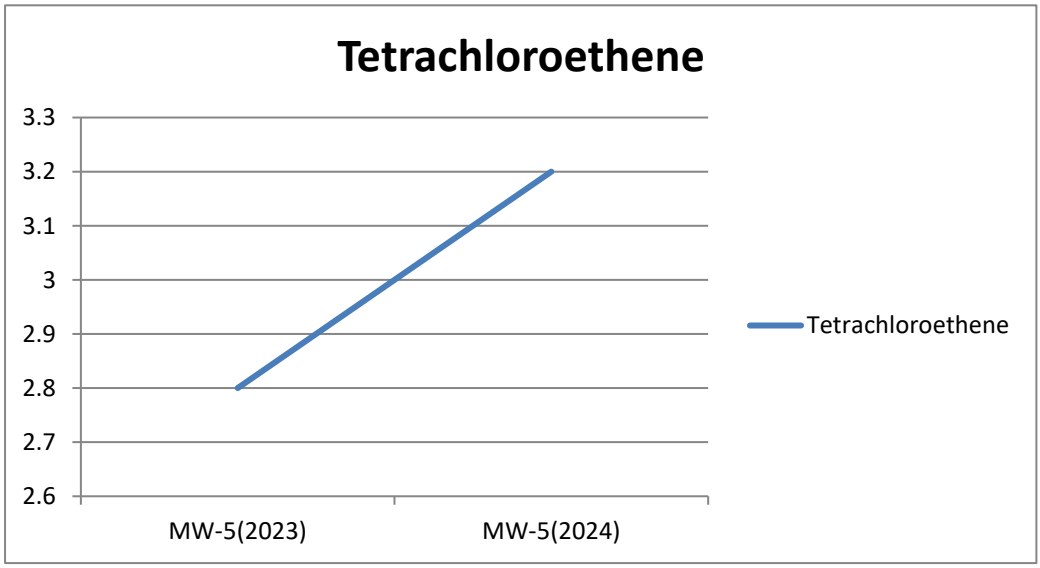
Graphic 1-5- AAA

1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-5)

	1,1,1-Trichloroethane
MW-5(2023)	6
MW-5(2024)	5.1



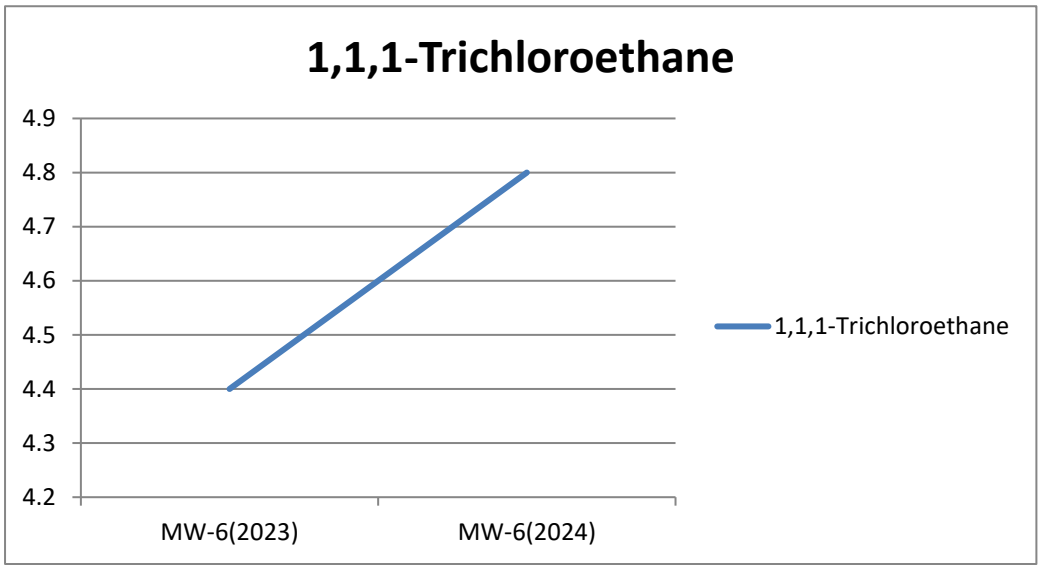
	Tetrachloroethene
MW-5(2023)	2.8
MW-5(2024)	3.2



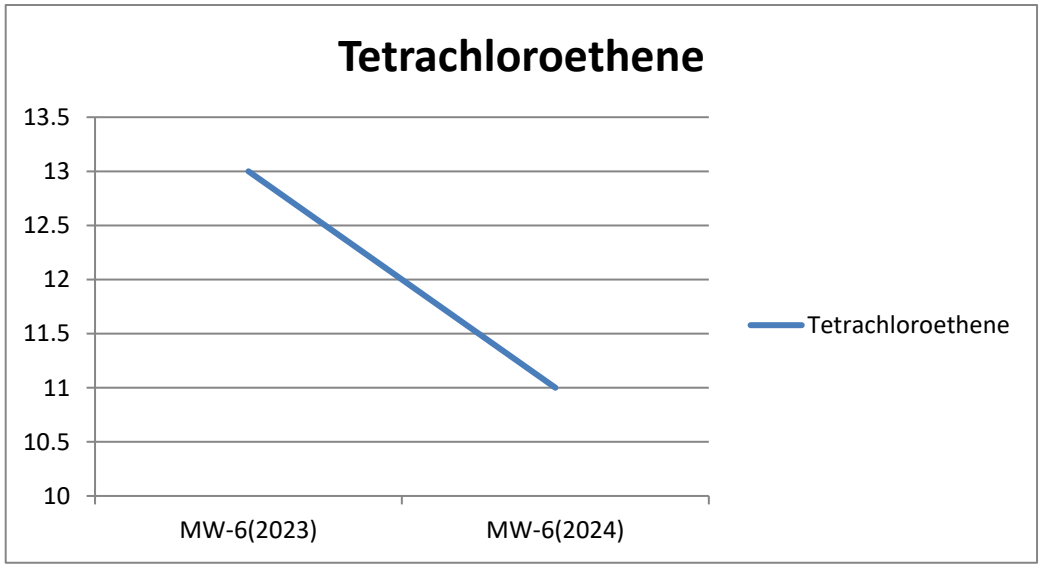
Graphic 1-6 - AAA

1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-6)

	1,1,1-Trichloroethane
MW-6(2023)	4.4
MW-6(2024)	4.8



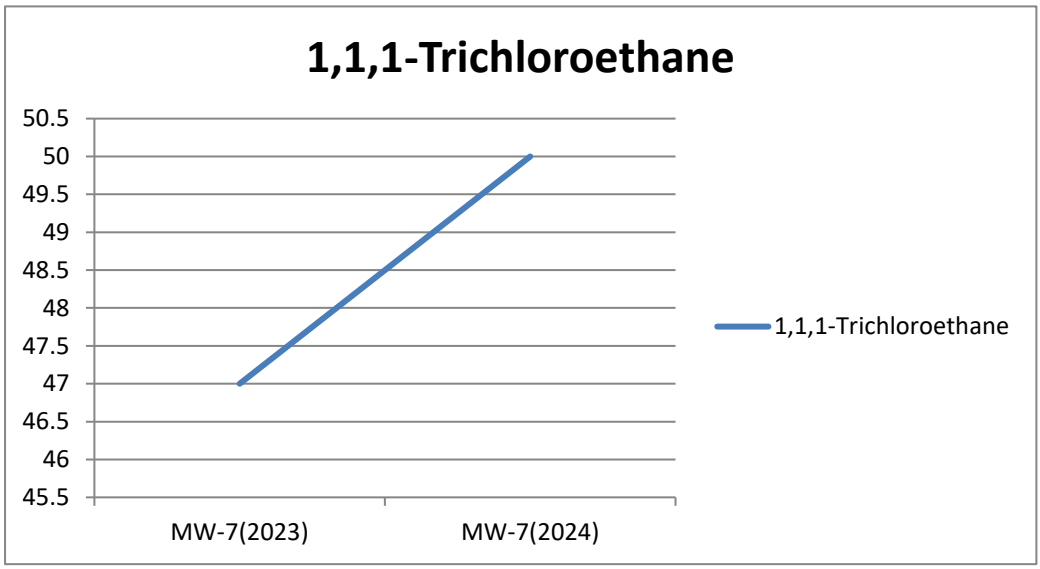
	Tetrachloroethene
MW-6(2023)	13
MW-6(2024)	11



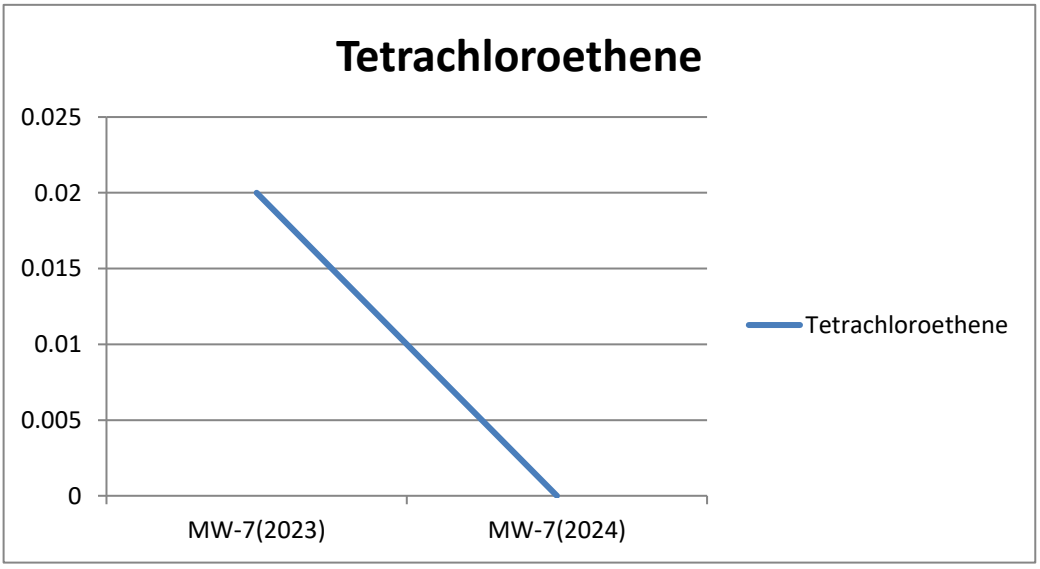
Graphic 1-7 - AAA

1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-7)

	1,1,1-Trichloroethane
MW-7(2023)	47
MW-7(2024)	50



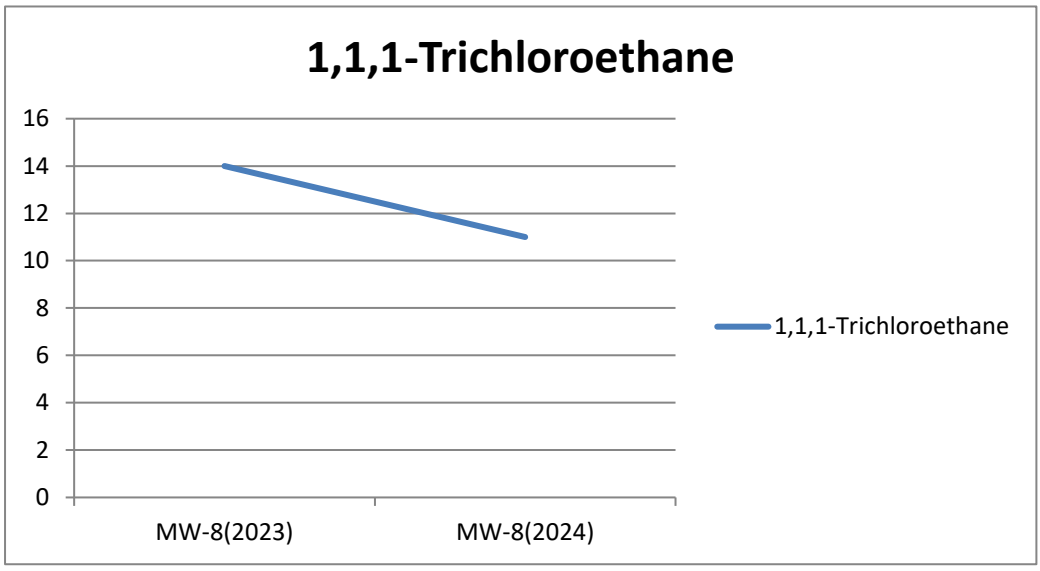
	Tetrachloroethene
MW-7(2023)	0.02
MW-7(2024)	0



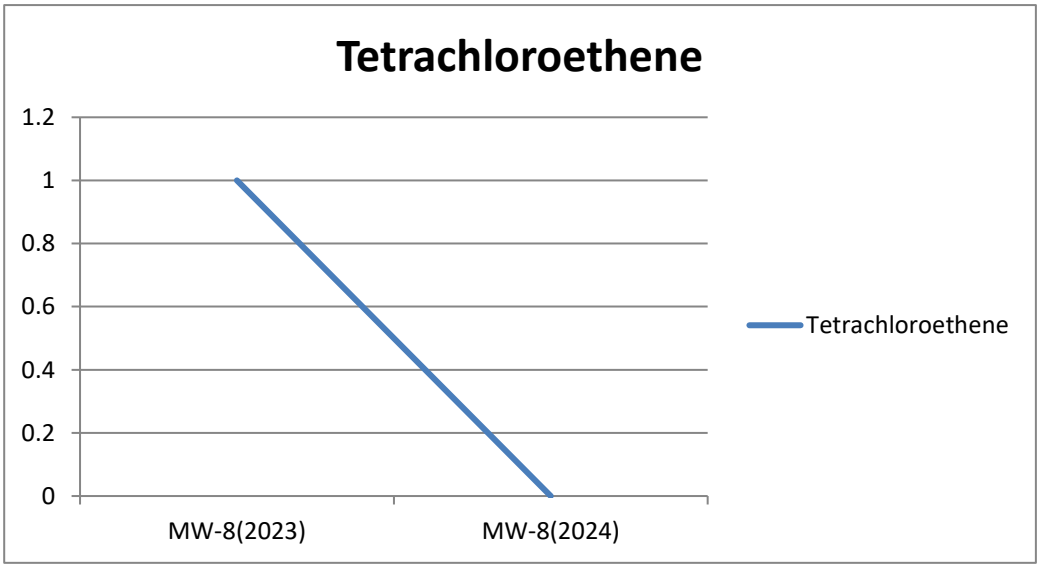
Graphic 1-8 - AAA

1,1,1-Trichloroethane /Tetrachloroethene (ug/l) in Groundwater (MW-8)

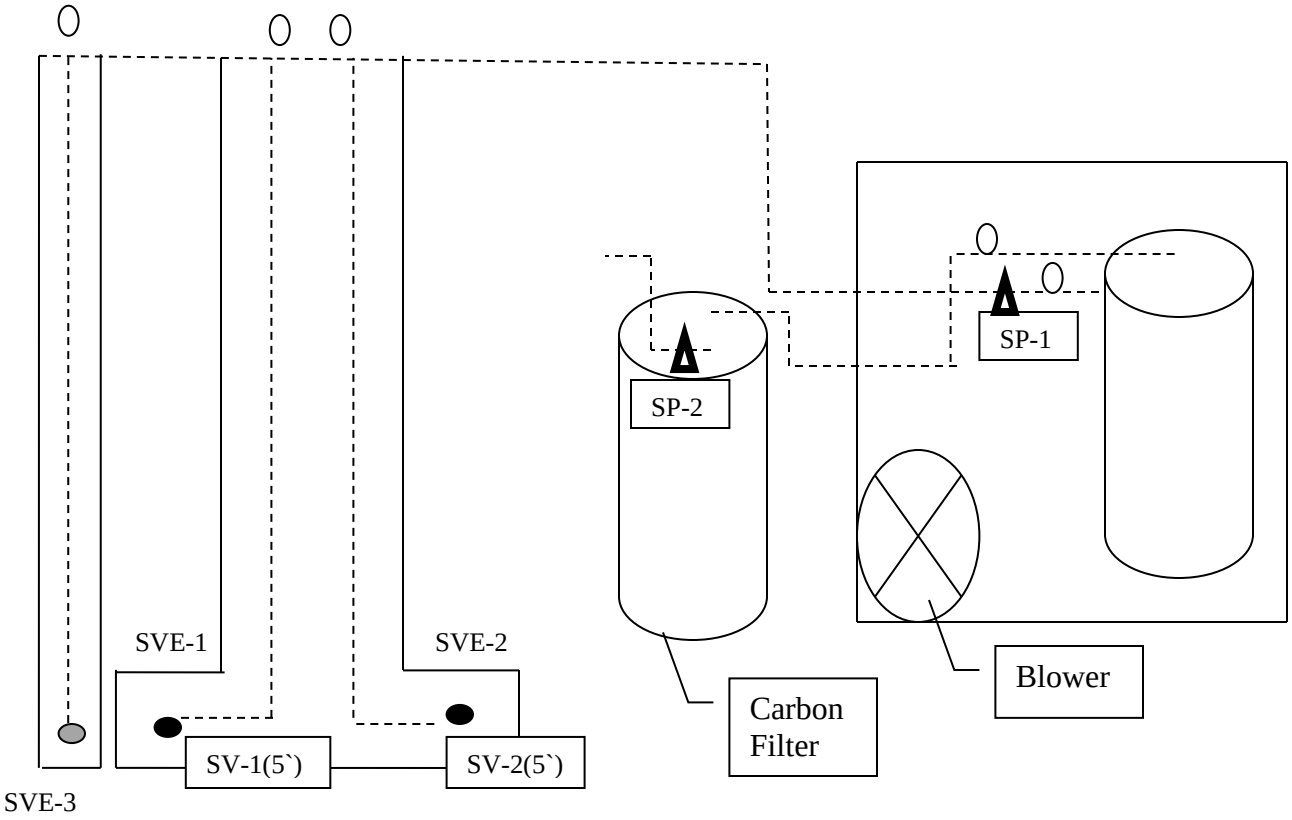
	1,1,1-Trichloroethane
MW-8(2023)	14
MW-8(2024)	11



	Tetrachloroethene
MW-8(2023)	1
MW-8(2024)	0



LIST OF FIGURES



LEGEND:

- Proposed Soil Vapor Extraction Well
- Existing Soil Vapor Extraction Well
- Manifold Vacuum Gauge
- System Piping
- Air Sampling Location Before SVE System Shut-off Period

Note: Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.
CONSULTANTS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

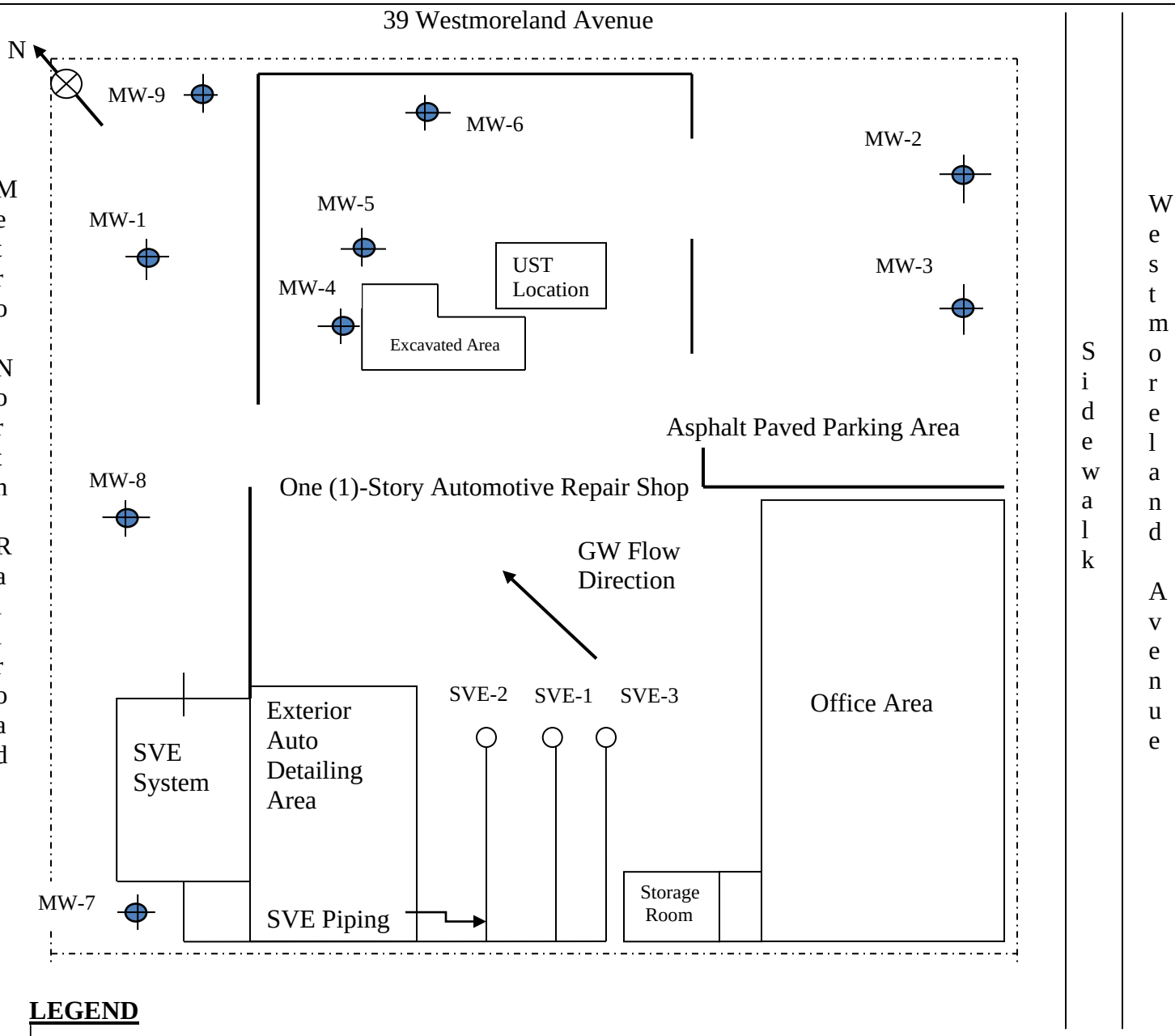
SVE SYSTEM DIAGRAM/
SAMPLING MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 1

SVE SYSTEM
DIAGRAM



LEGEND

Monitoring Well Location
Soil Vapor Extraction Point
Property Line

Note: Drawings is not scaled. All locations are approximate.

G. C. ENVIRONMENTAL, INC
CONSULTANTS CONTRACTORS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
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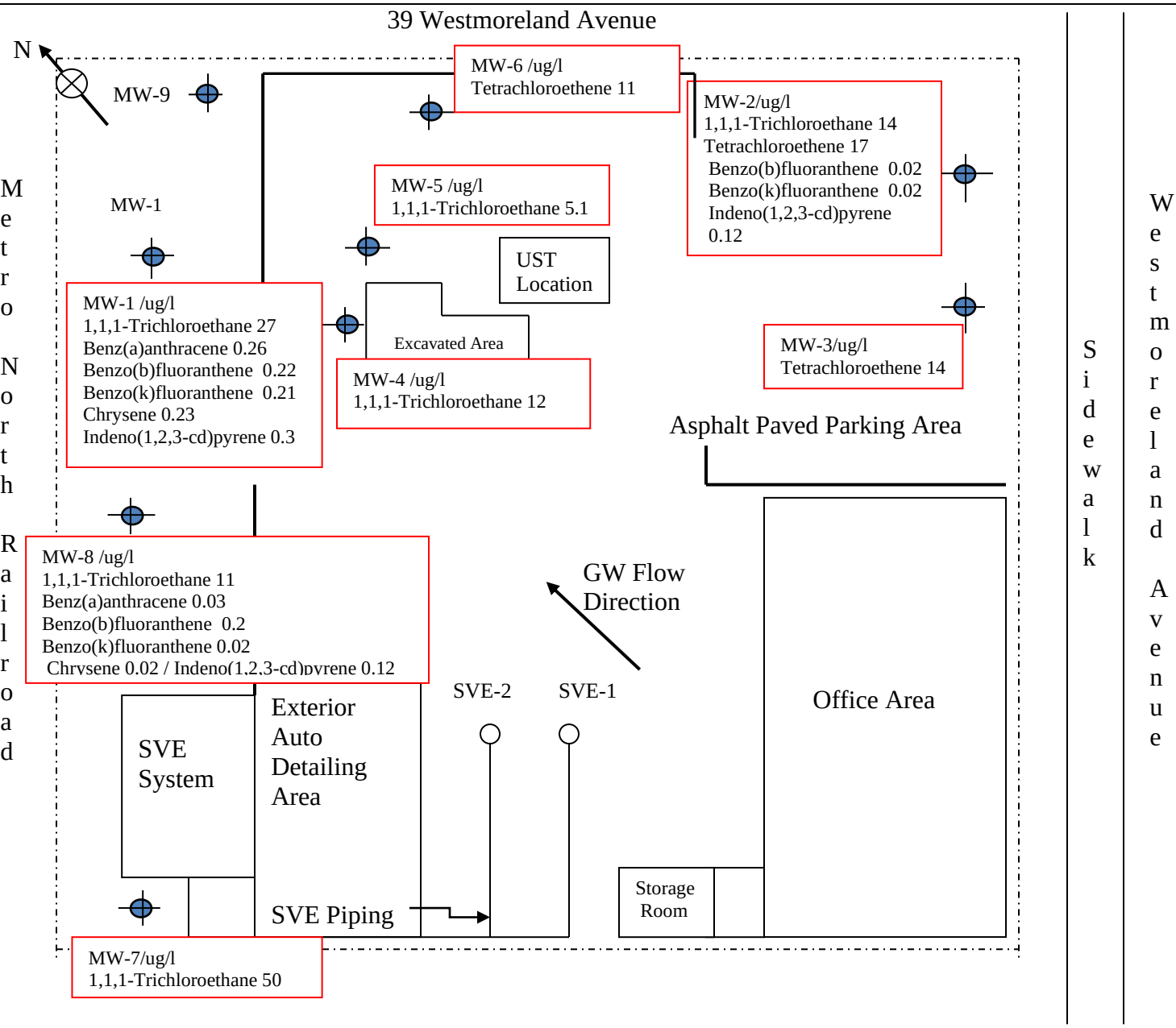
SITE MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 2

SITE MAP



LEGEND

- Monitoring Well Location
- Soil Vapor Extraction Point
- Property Line

Note: Drawings is not scaled. All locations are approximate.

G. C. ENVIRONMENTAL, INC
CONSULTANTS CONTRACTORS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

EXCEEDANCES
GW RESULTS

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 3

EXCEEDANCES
GW RESULTS

APPENDIX A

NYSDEC Institutional and Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. 360095

Site Name Automobile Club of New York

Site Address: 101 Westmoreland Avenue Zip Code: 10606
City/Town: White Plains
County: Westchester
Site Acreage: 0.200

Reporting Period: October 14, 2022 to October 14, 2023

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 360095 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
125.82-1-1	Automobile Club of New York, Inc.	Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan IC/EC Plan

The 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);

The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Westchester County Department of Health 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;

Monitoring must be performed as defined in the SMP;

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

Box 4

Description of Engineering Controls

Parcel	Engineering Control
125.82-1-1	Cover System Air Sparging/Soil Vapor Extraction

Site Cover

Soil Vapor Extraction System

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the Engineering Control certification;

   b) 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 is accurate and compete.

YES	NO
☒	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

   (a) The Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) 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;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. 360095

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 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 James Clifford (print name) at 1415 Kellum Pl. Garden City, NY 11530 (print business address),

am certifying as Remedial Party/Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Jim Clifford
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

2/1/2024
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 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 Dean Devoe at 22 Oak Street, Bay Shore, NY,
print name print business address

am certifying as a Qualified Environmental Professional for the _____
(Owner or Remedial Party)



Dean Devoe 2/1/2024

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (Required for PE) | Date

APPENDIX B
Photolog

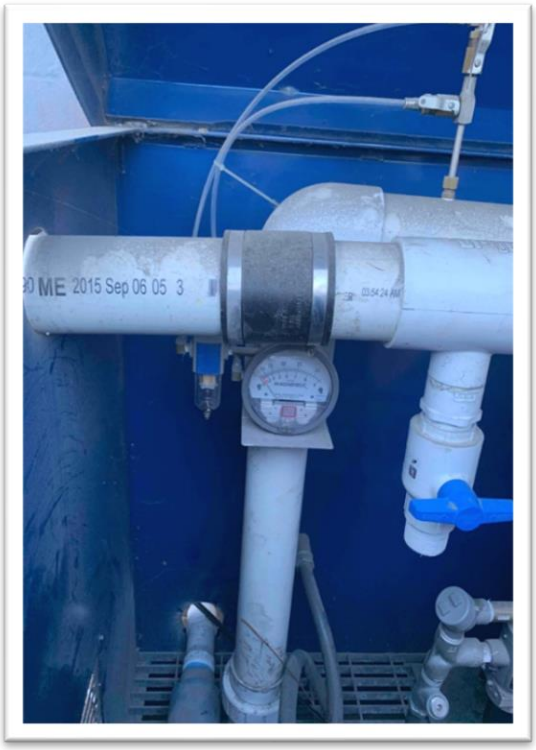
SVE System Design Work - Photolog



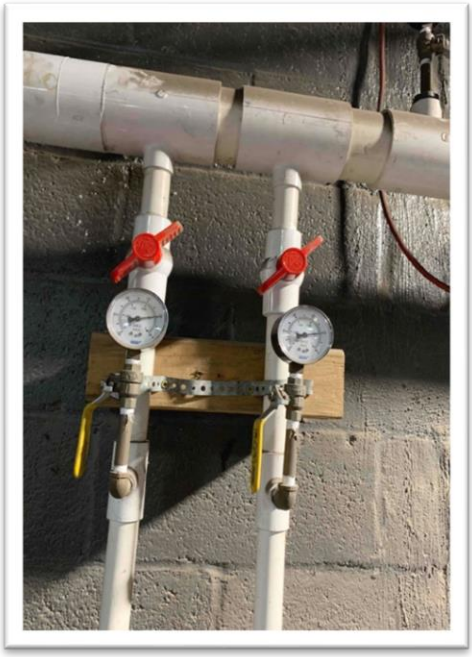
1. Air sampling at the SVE point by using suma-canister



2. Air sampling at the SVE point by using suma canister

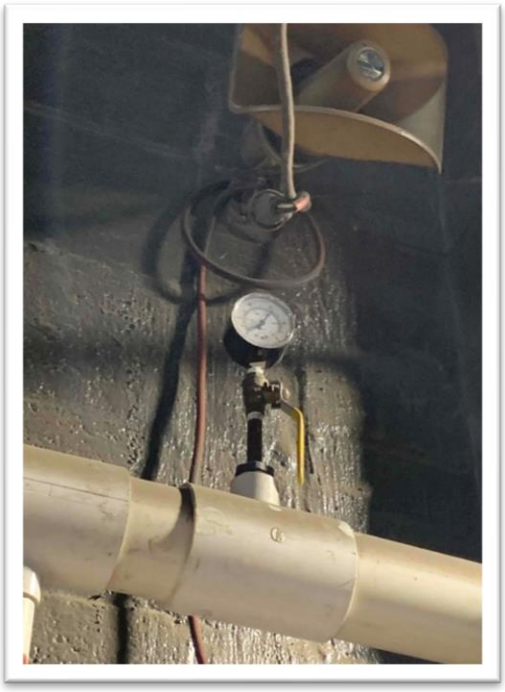


3. CFM reading at the SVE system unit





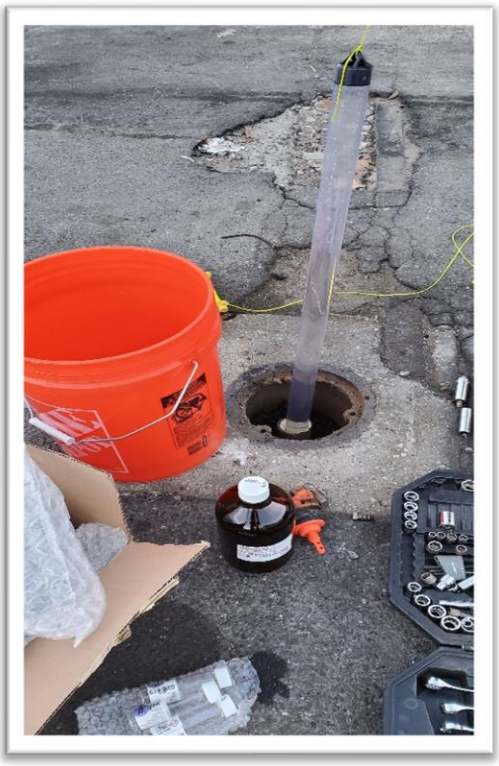
4. Vacuum gauges of the SVE system in the repair shop area



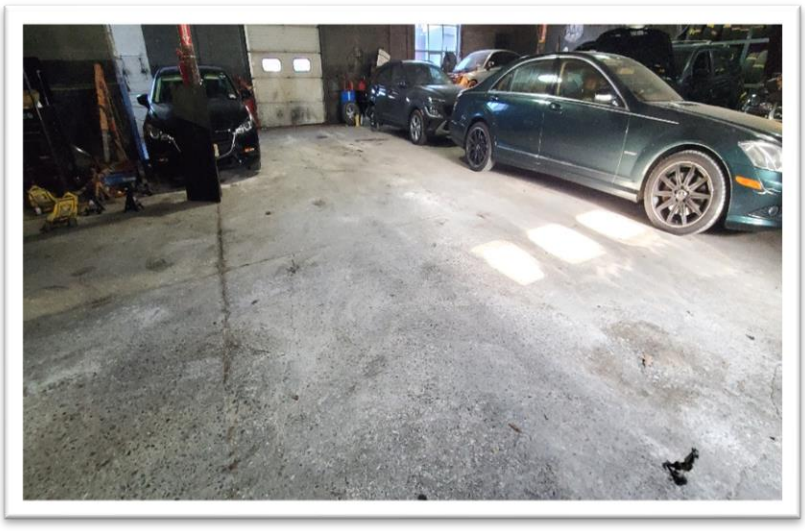
5. Vacuum gauge of the SVE system in the repair shop area



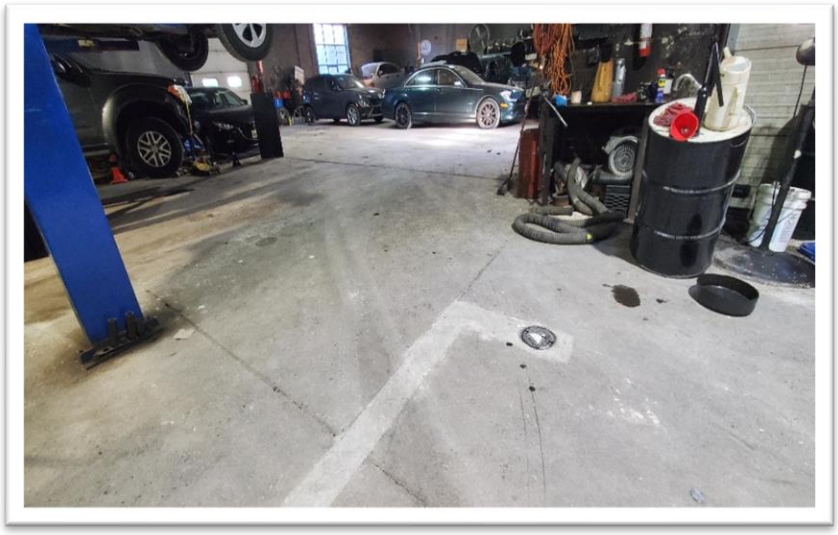
6. Vacuum gauges of the SVE system unit



7. Groundwater sampling



8. A View from the interior portion of the site



9. A View from the interior portion of the site



10. A View from the exterior portion of the site

APPENDIX C
Monthly&Quarterly Monitoring Reports

AAA Monthly SVE Inspection Report

101 Westmoreland Ave, White Plains, NY 10606

Performed By: G. C. Environmental, Inc.

Inspection Prepared For: Jim Clifford
Inspection Performed On: April 7, 2023
Inspector: Jeremy Samson
(631) 206-3700
info@gcenvironmental.com

This report is confidential and was prepared exclusively for the above named party.
Any unauthorized use is strictly prohibited

Table of Contents

Introduction 3
Property and Inspection Information 5
Inspection 6
Photo Log 9
Areas of Concern 18
Disclaimer 19

Introduction

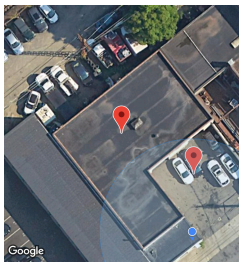
Thank you for your order. This report will keep you well informed to the condition of your equipment and provide details of any service needs and/or maintenance needs required to keep your equipment in excellent operating condition and to prolong the life of the equipment. Please note the additional services offered by our company. Should a need arise for any of the below services. G. C. Environmental. Inc. (GCE) would be more than happy to provide such services in a manner of the highest quality and excellence. We look forward to the possibility of working with you on other projects:

- Environmental Assessment & Investigation
- Regulatory Agency Compliance Services
- Engineering, Permitting & Expediting
- Compliance Audits
- Phase I Environmental Site Assessments
- Transaction Screenings
- Phase II Investigations
- Groundwater Investigations/Studies
- Geoprobe Drilling
- GW Observation Well Installation & Monitoring
- Environmental Laboratory Services
- Geophysical Investigations
- Vapor Intrusion Investigations
- Asbestos Surveys
- Lead-based Paint Surveys
- Mold Testing
- Risk/Exposure Assessments
- Site Remediation
- Remedial Investigations
- Remedial Alternative Evaluations
- Pilot Testing
- Remedial Design, Implementation & Oversight
- Performance Monitoring
- Hazardous Waste Management
- Waste Disposal Evaluation
- Dredging & Solidification Studies

- In Situ Remediation
- Contaminated Soil Disposal
- ORC & HRC Injection
- Soil Vapor Extraction Systems
- Air Sparge Systems
- Chemical Oxidation
- Fuel Storage & Environmental Solutions
- Complete Fuel Tank Engineering Services
- Underground Single & Double Wall Tank Installations
- Aboveground Inside & Outside Fuel Tank Installations
- Underground & Aboveground Tank Compliance
- Tank Closures or Removals
- Tank Closure Assessment Reports
- Certified Fuel Tank Testing
- Fuel Tank Repairs, Fiberglass Linings
- Complete UST & AST System Design
- Spill Prevention

Property and Inspection Information

Property:
101 Westmoreland Ave,
White Plains, NY 10606



Persons Present at Inspection:
Jeremy Samson

Inspection Information:
Inspection #: 11734
Inspector: Jeremy Samson
Weather at Time of Inspection: Partly Cloudy
Temperature at Time of Inspection: 51° F
Ground Cover at Time of Inspection: Dry
There has not been any recent rain or snow

Inspection

Cover System Monitoring

- **Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?**: **Yes**

  Some cracks in concrete.

- Is the cover system (concrete sub-slab within the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed within the building footprint?: No
- **Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?**: **Yes**

  Asphalt is broken.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed outside the building footprint?: No

SVE System Monitoring

- Is maximum vacuum exceeded on any gauges?: No
- Was high vacuum switch drained?: Yes

  Liquid drained.

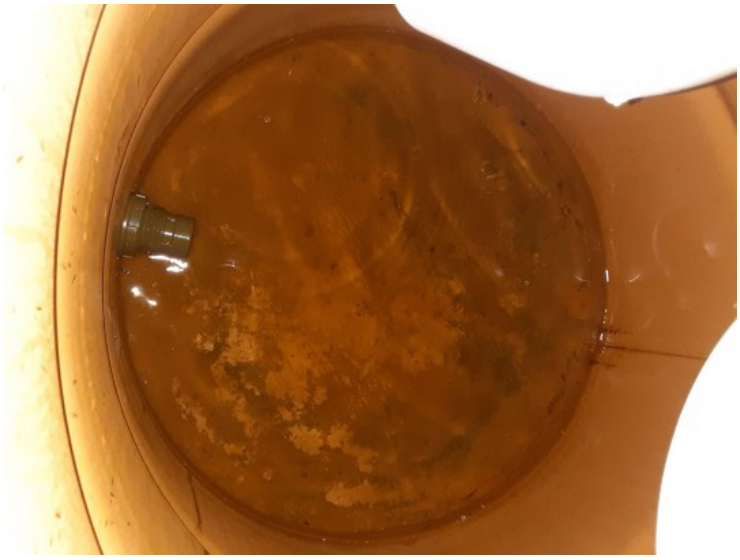
- Were all switches checked for proper operation? Was all wiring checked for loose connections?: Yes
- Was water level within the moisture separator drum checked? Was operation of optional transfer pump checked?: Yes
- Were all fittings and bolts checked for tightness?: Yes
- Was moisture separator checked for pressure drop across filter/moisture demister?: Yes











SVE System Operation Log

- Blower Pressure (inches of water): 50
- Exhaust Pressure (inches of water): 50

  Gauge is in inches of Hg, however conversion shows correct pressure.
- SVE-1 Pressure (inches of water): 20

  Left half open.
- SVE-2 Pressure (inches of water): 20

  Left half open.
- SVE-3 Pressure (inches of water): 50

  Left full open.
- Blower Exhaust PID Reading (ppm): 0
- GAC Exhaust PID Reading (ppm): 0
- SVE-1 PID Reading (ppm): 0
- SVE-2 PID Reading (ppm): 0
- SVE-3 PID Reading (ppm): 1
- Water level within moisture separator drum (inches): 2

Photo Log

Take pictures of all vacuum gauges.









Take picture of the CFM gauge.



Take pictures of the PID Readings at all points.



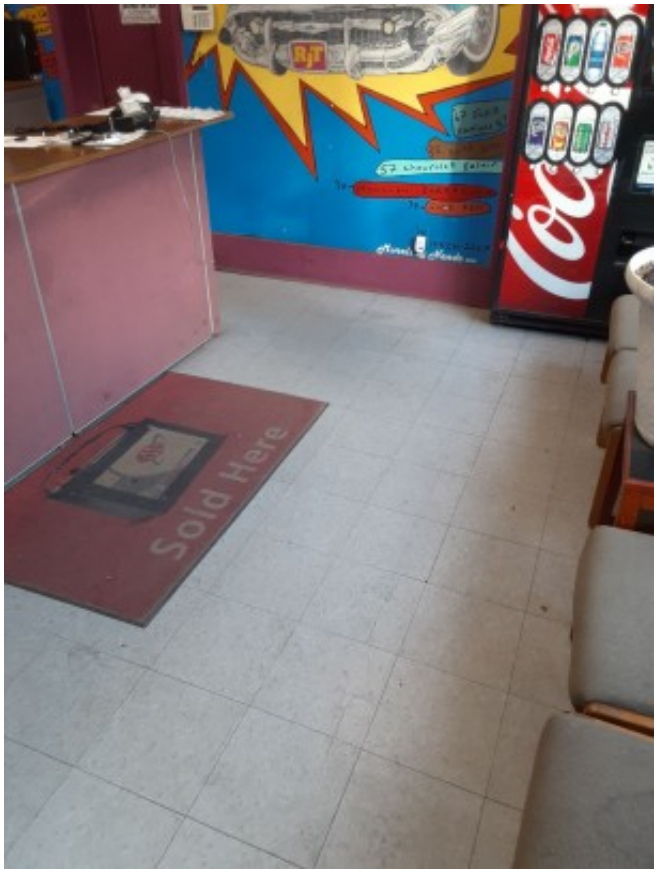





MultiRAE

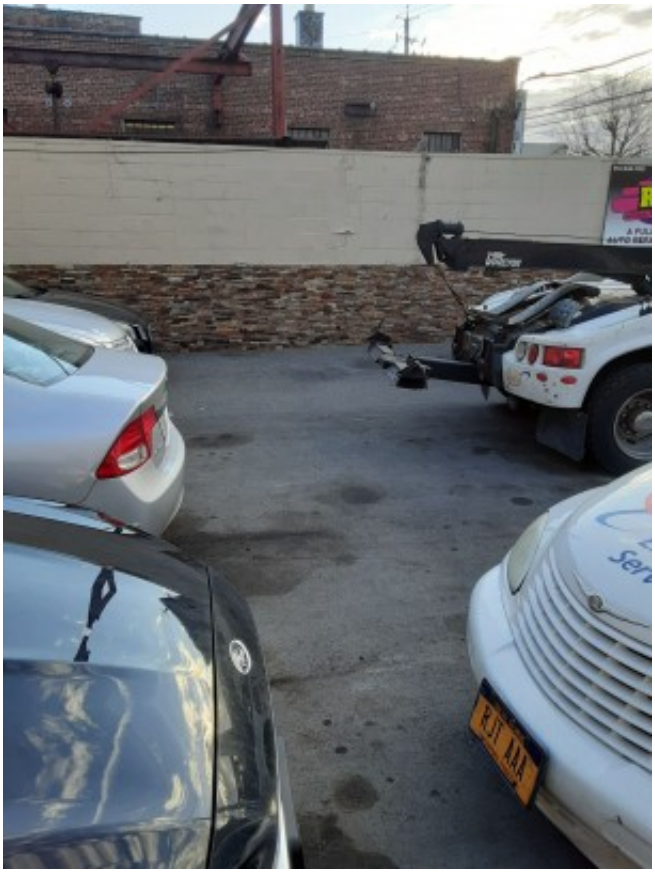

MultiRAE

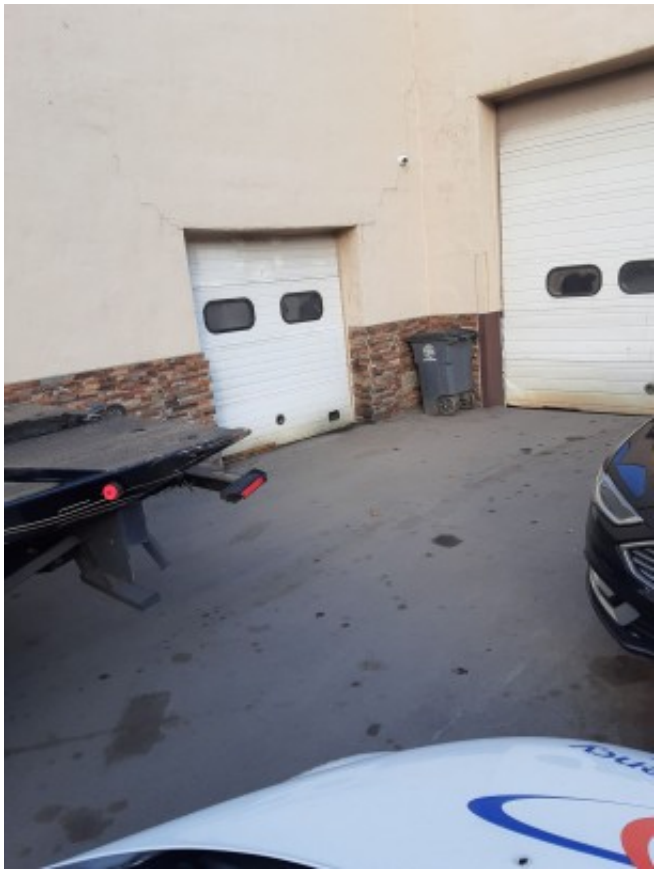
Take pictures of the cover system (concrete and asphalt sub-slab) at all areas within and outside th



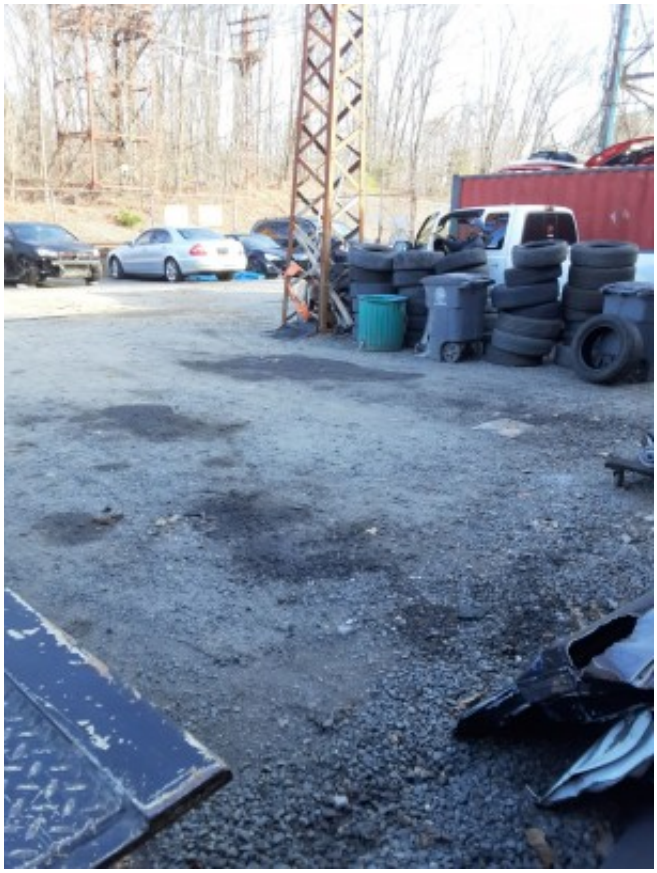




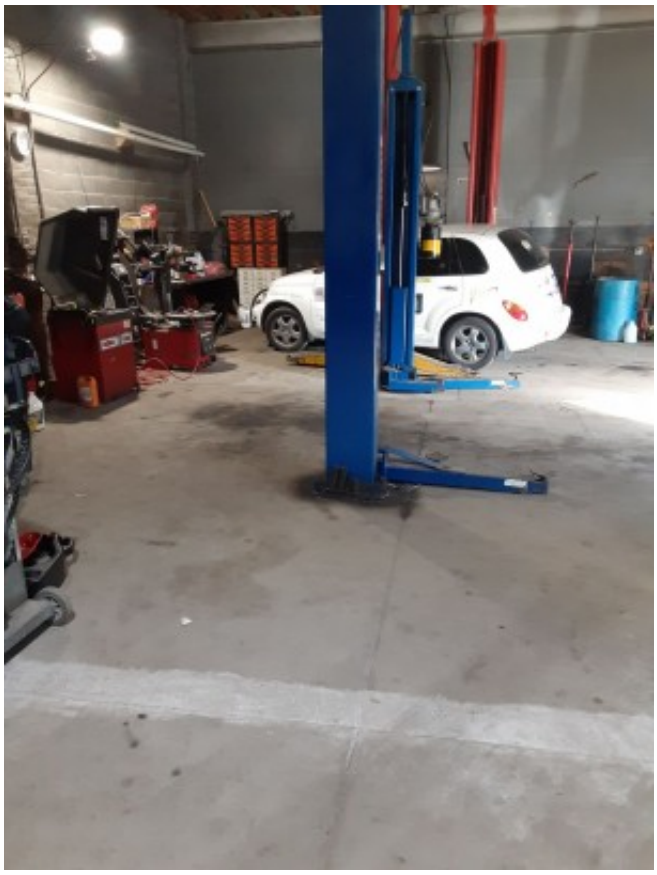


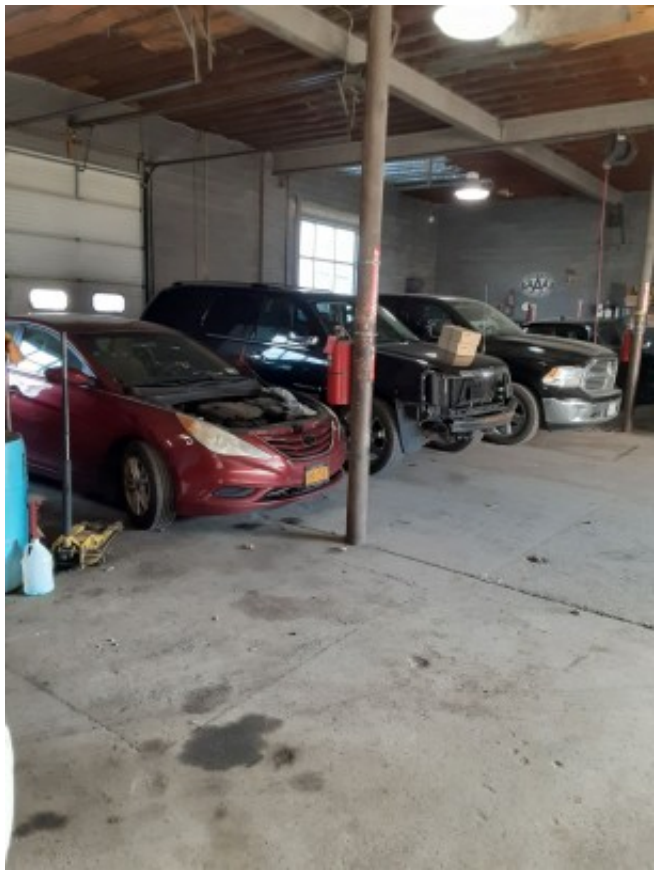


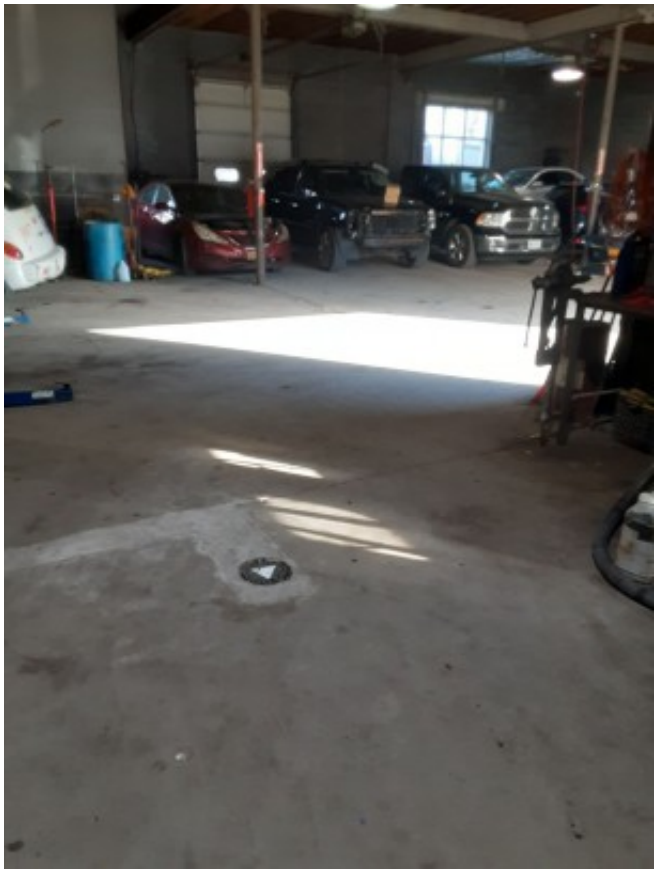

JERRODAN
NWTOW.COM

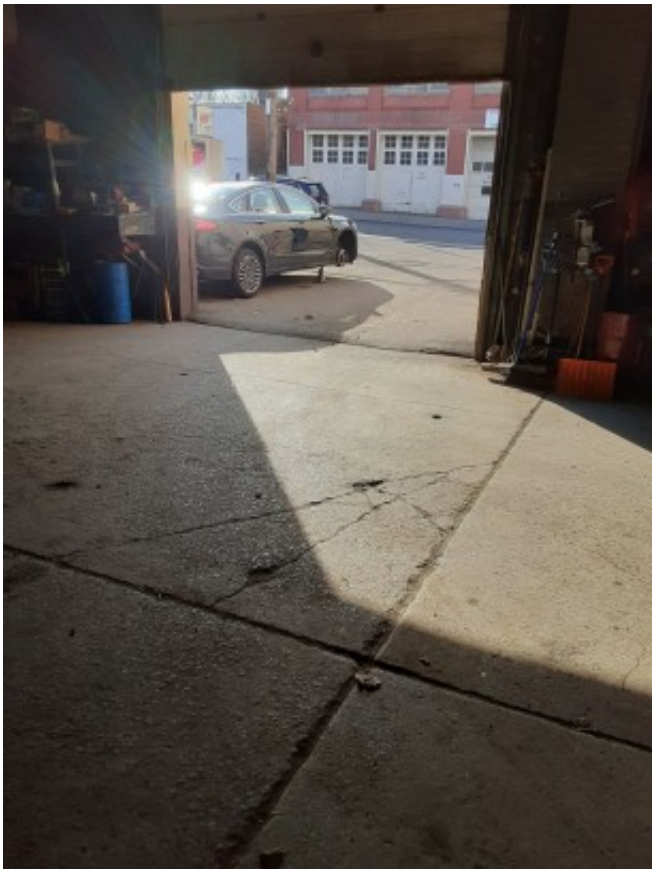


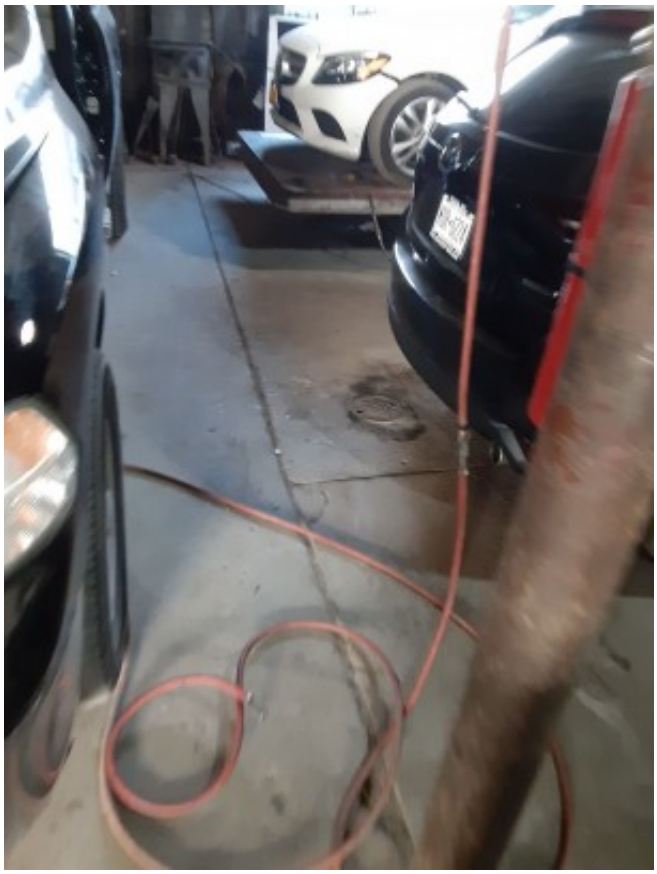


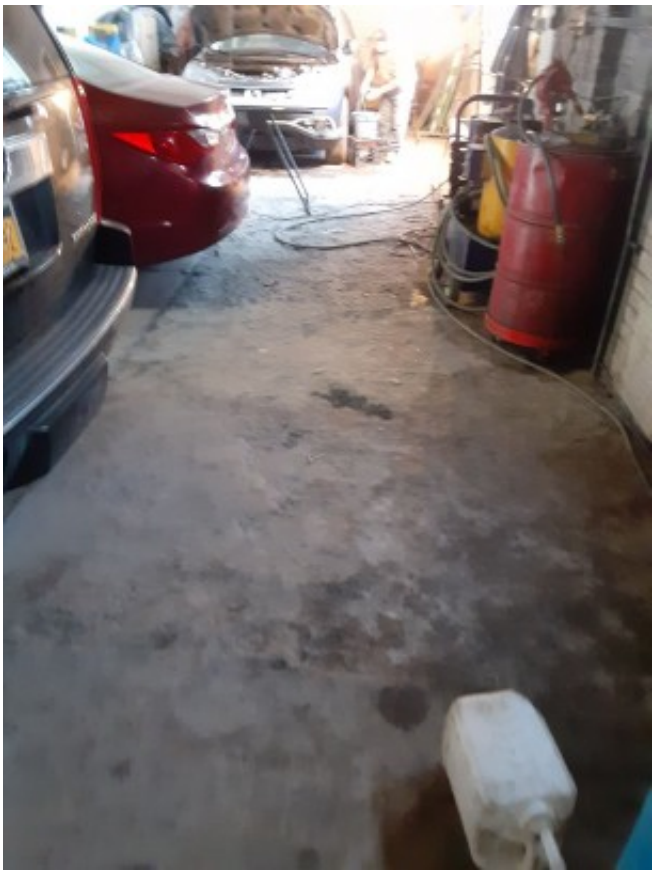




















Areas of Concern

Inspection

Cover System Monitoring

- Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?: Yes

  Some cracks in concrete.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?: Yes

  Asphalt is broken.

Disclaimer

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AAA Monthly SVE Inspection Report

101 Westmoreland Ave, White Plains, NY 10606

Performed By: G. C. Environmental, Inc.

Inspection Prepared For: Jim Clifford
Inspection Performed On: May 15, 2023
Inspector: Jeremy Samson
(631) 206-3700
info@gcenvironmental.com

This report is confidential and was prepared exclusively for the above named party.
Any unauthorized use is strictly prohibited

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Introduction

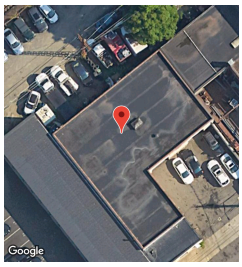
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- Regulatory Agency Compliance Services
- Engineering, Permitting & Expediting
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- Performance Monitoring
- Hazardous Waste Management
- Waste Disposal Evaluation
- Dredging & Solidification Studies

- In Situ Remediation
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- ORC & HRC Injection
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- Underground & Aboveground Tank Compliance
- Tank Closures or Removals
- Tank Closure Assessment Reports
- Certified Fuel Tank Testing
- Fuel Tank Repairs, Fiberglass Linings
- Complete UST & AST System Design
- Spill Prevention

Property and Inspection Information

Property:
101 Westmoreland Ave,
White Plains, NY 10606



Inspection Information:
Inspection #: 11787
Inspector: Jeremy Samson

Inspection

Cover System Monitoring

- **Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?**: **Yes**

  Some cracks in concrete.

- Is the cover system (concrete sub-slab within the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed within the building footprint?: No
- **Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?**: **Yes**

  Asphalt is broken

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed outside the building footprint?: No

SVE System Monitoring

- Is maximum vacuum exceeded on any gauges?: No
- Was high vacuum switch drained?: Yes

  No liquid accumulated.

- Were all switches checked for proper operation? Was all wiring checked for loose connections?: Yes
- Was water level within the moisture separator drum checked? Was operation of optional transfer pump checked?: Yes
- Were all fittings and bolts checked for tightness?: Yes
- Was moisture separator checked for pressure drop across filter/moisture demister?: Yes







SVE System Operation Log

- Blower Pressure (inches of water): 48

- Exhaust Pressure (inches of water): 48
- SVE-1 Pressure (inches of water): 20

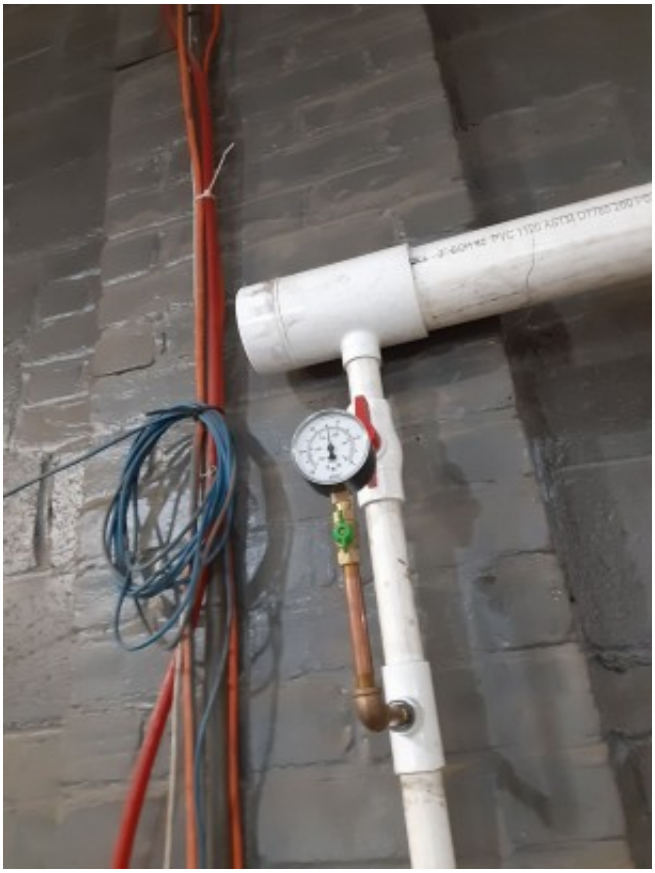
  Left half open.
- SVE-2 Pressure (inches of water): 20

  Left half open.
- SVE-3 Pressure (inches of water): 48
- Blower Exhaust PID Reading (ppm): 0
- GAC Exhaust PID Reading (ppm): 0
- SVE-1 PID Reading (ppm): 0
- SVE-2 PID Reading (ppm): 0
- SVE-3 PID Reading (ppm): 0
- Water level within moisture separator drum (inches): 2

Photo Log

Take pictures of all vacuum gauges.









Take pictures of the PID Readings at all points.







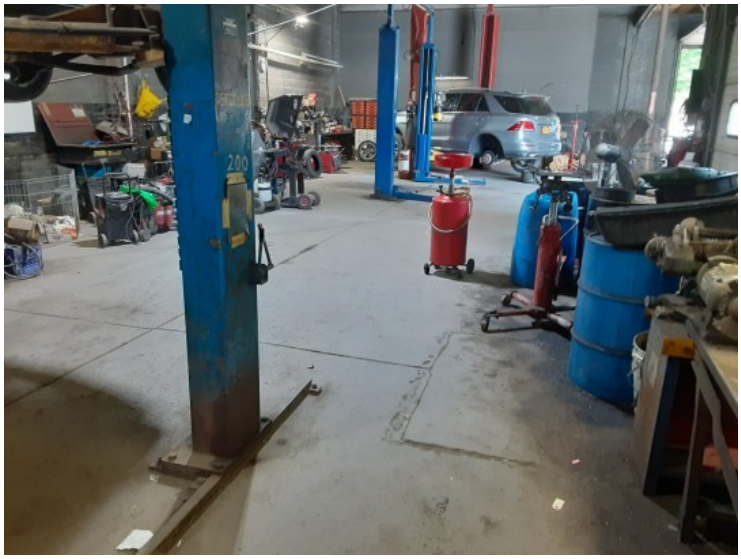




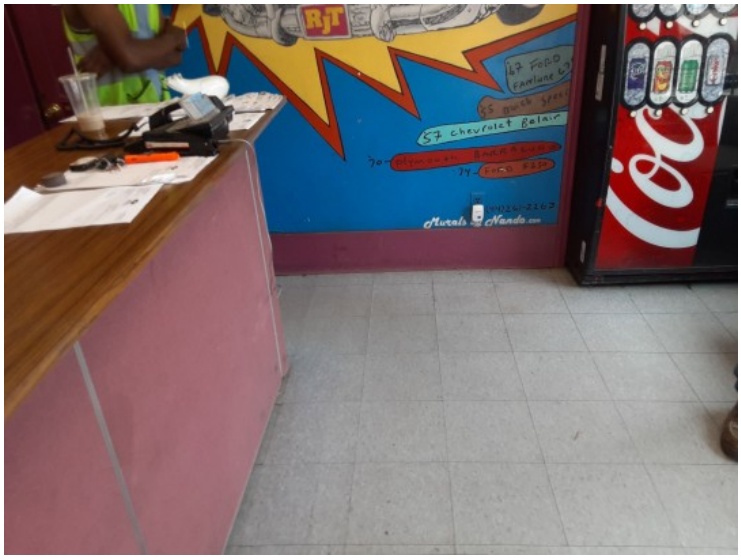
Take pictures of the cover system (concrete and asphalt sub-slab) at all areas within and outside.

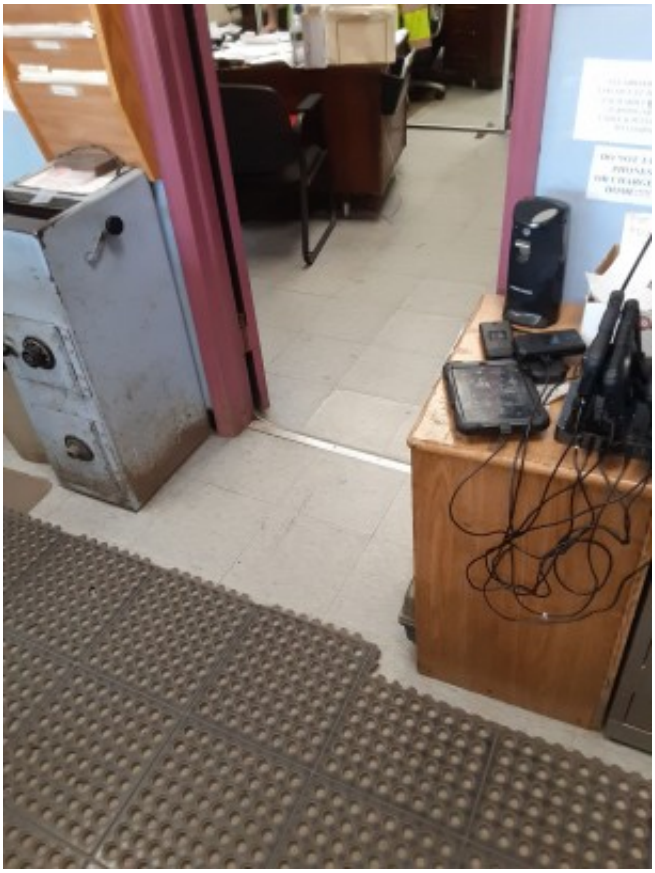


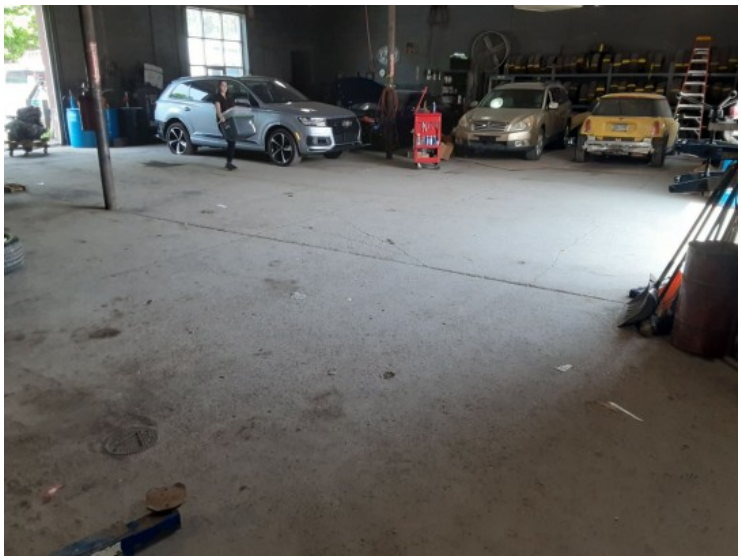




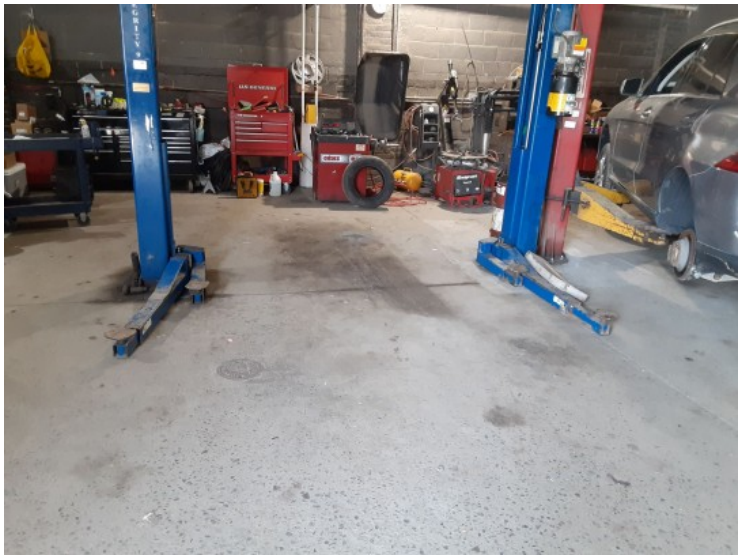


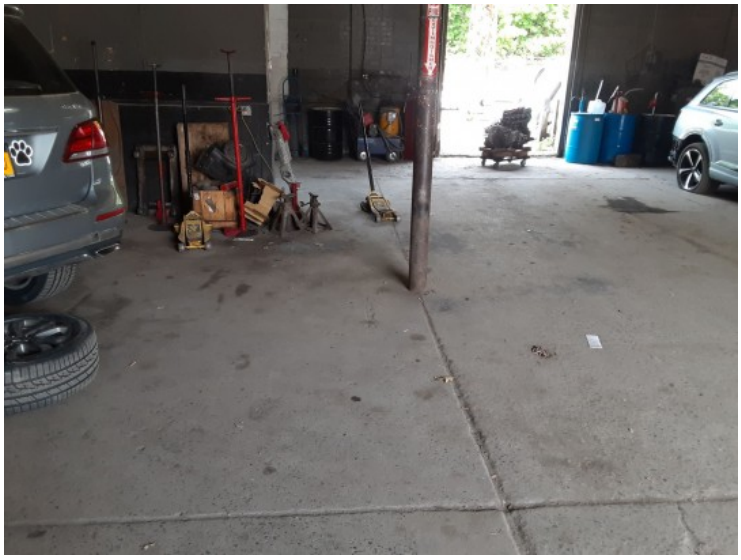

RJT
57 chevrolet Belair



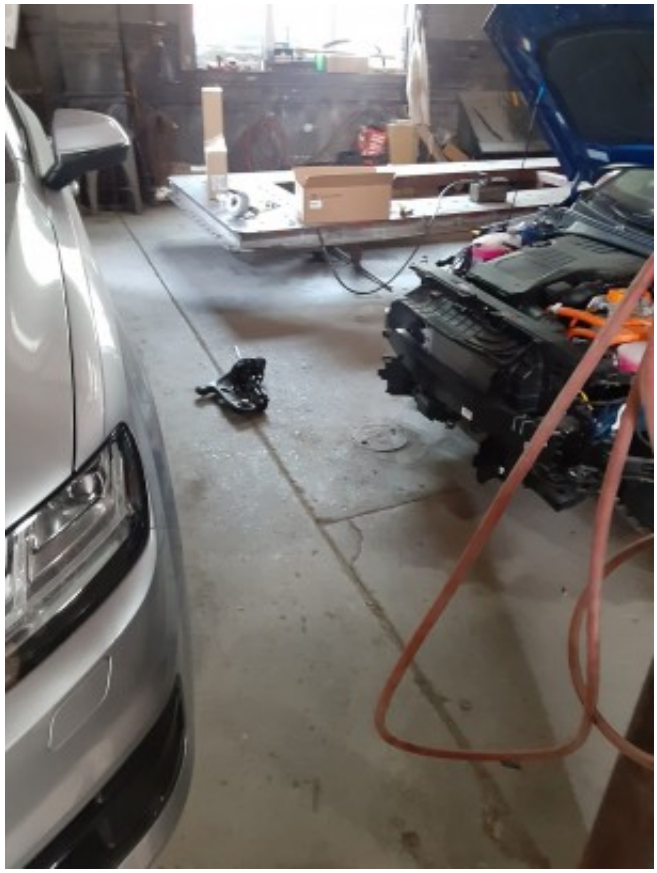




















Areas of Concern

Inspection

Cover System Monitoring

- Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?: Yes

  Some cracks in concrete.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?: Yes

  Asphalt is broken

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AAA Monthly SVE Inspection Report

101 Westmoreland Ave, White Plains, NY 10606

Performed By: G. C. Environmental, Inc.

Inspection Prepared For: Jim Clifford
Inspection Performed On: June 15, 2023
Inspector: Jeremy Samson
(631) 206-3700
info@gcenvironmental.com

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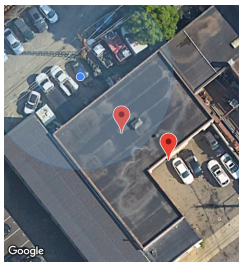
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- Tank Closure Assessment Reports
- Certified Fuel Tank Testing
- Fuel Tank Repairs, Fiberglass Linings
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Property and Inspection Information

Property:
101 Westmoreland Ave,
White Plains, NY 10606



Inspection Information:
Inspection #: 11859
Inspector: Jeremy Samson

Inspection

Cover System Monitoring

- **Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?**: **Yes**

  Some cracks in concrete.

- Is the cover system (concrete sub-slab within the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed within the building footprint?: No
- **Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?**: **Yes**

  Asphalt is broken

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed outside the building footprint?: No

SVE System Monitoring

- Is maximum vacuum exceeded on any gauges?: No
- Was high vacuum switch drained?: Yes
- Were all switches checked for proper operation? Was all wiring checked for loose connections?: Yes
- Was water level within the moisture separator drum checked? Was operation of optional transfer pump checked?: Yes
- Were all fittings and bolts checked for tightness?: Yes
- Was moisture separator checked for pressure drop across filter/moisture demister?: Yes

SVE System Operation Log

- Blower Pressure (inches of water): 46
- Exhaust Pressure (inches of water): 46
- SVE-1 Pressure (inches of water): 20

  Left half open.
- SVE-2 Pressure (inches of water): 20

  Left half open.
- SVE-3 Pressure (inches of water): 46

  Left full open.
- Blower Exhaust PID Reading (ppm): 1
- GAC Exhaust PID Reading (ppm): 1
- SVE-1 PID Reading (ppm): 0
- SVE-2 PID Reading (ppm): 0
- SVE-3 PID Reading (ppm): 0
- Water level within moisture separator drum (inches): 2

Photo Log

Take pictures of all vacuum gauges.











Take pictures of the PID Readings at all points.





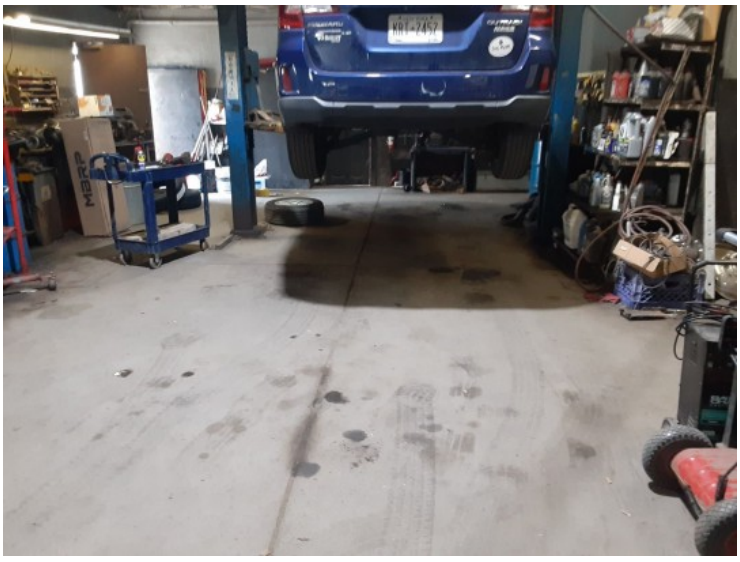




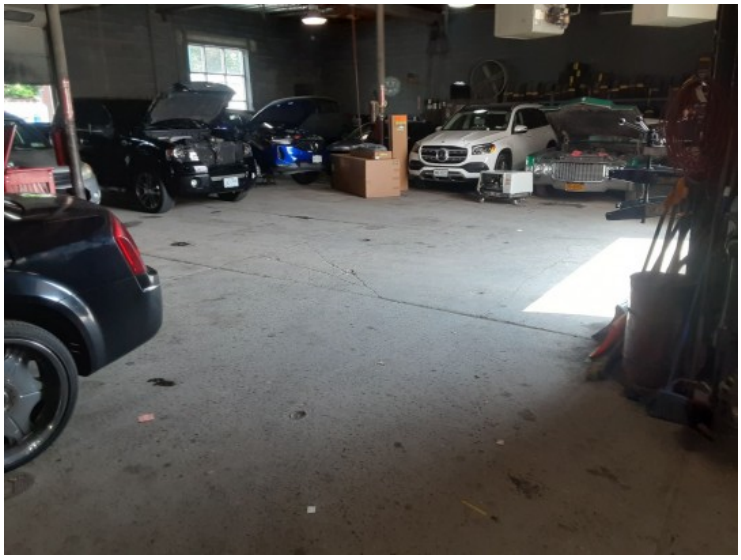


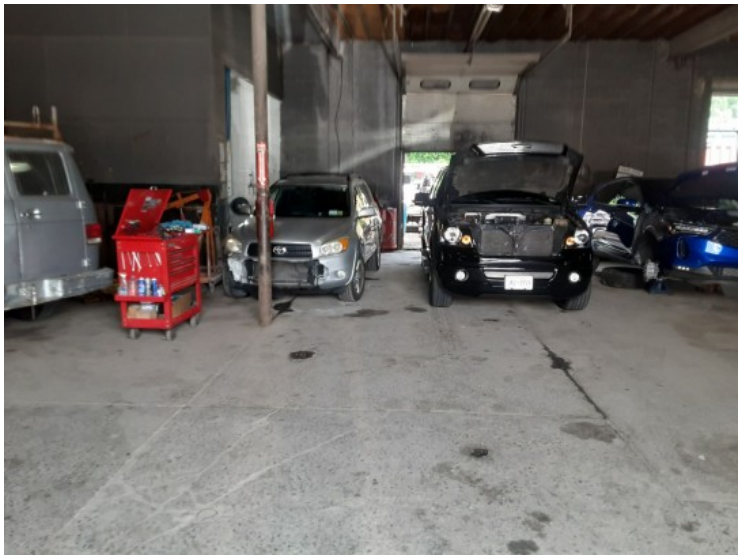


Take pictures of the cover system (concrete and asphalt sub-slab) at all areas within and outside.

















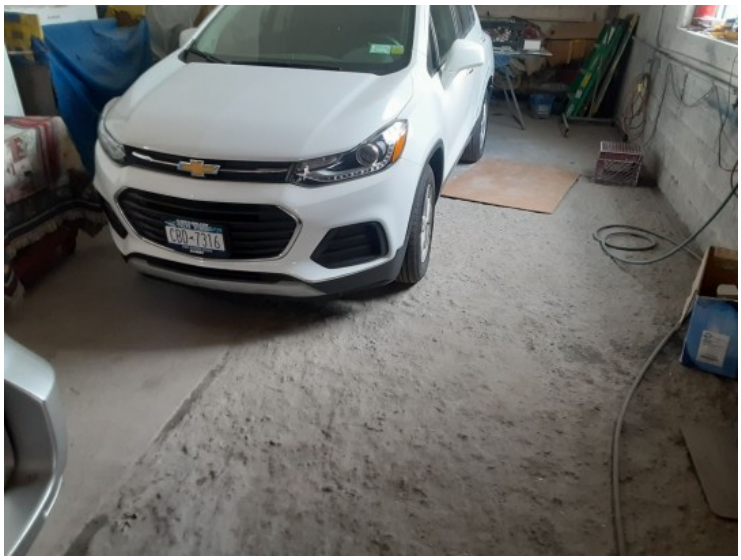





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Areas of Concern

Inspection

Cover System Monitoring

- Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?: Yes

  Some cracks in concrete.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?: Yes

  Asphalt is broken

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AAA Monthly SVE Inspection Report

101 Westmoreland Ave, White Plains, NY 10606

Performed By: G. C. Environmental, Inc.

Inspection Prepared For: Jim Clifford
Inspection Performed On: July 20, 2023
Inspector: Jeremy Samson
(631) 206-3700
info@gcenvironmental.com

This report is confidential and was prepared exclusively for the above named party.
Any unauthorized use is strictly prohibited

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Introduction

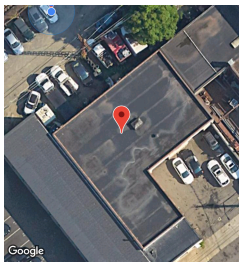
Thank you for your order. This report will keep you well informed to the condition of your equipment and provide details of any service needs and/or maintenance needs required to keep your equipment in excellent operating condition and to prolong the life of the equipment. Please note the additional services offered by our company. Should a need arise for any of the below services. G. C. Environmental. Inc. (GCE) would be more than happy to provide such services in a manner of the highest quality and excellence. We look forward to the possibility of working with you on other projects:

- Environmental Assessment & Investigation
- Regulatory Agency Compliance Services
- Engineering, Permitting & Expediting
- Compliance Audits
- Phase I Environmental Site Assessments
- Transaction Screenings
- Phase II Investigations
- Groundwater Investigations/Studies
- Geoprobe Drilling
- GW Observation Well Installation & Monitoring
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- Waste Disposal Evaluation
- Dredging & Solidification Studies

- In Situ Remediation
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- ORC & HRC Injection
- Soil Vapor Extraction Systems
- Air Sparge Systems
- Chemical Oxidation
- Fuel Storage & Environmental Solutions
- Complete Fuel Tank Engineering Services
- Underground Single & Double Wall Tank Installations
- Aboveground Inside & Outside Fuel Tank Installations
- Underground & Aboveground Tank Compliance
- Tank Closures or Removals
- Tank Closure Assessment Reports
- Certified Fuel Tank Testing
- Fuel Tank Repairs, Fiberglass Linings
- Complete UST & AST System Design
- Spill Prevention

Property and Inspection Information

Property:
101 Westmoreland Ave,
White Plains, NY 10606



Inspection Information:
Inspection #: 11903
Inspector: Jeremy Samson

Inspection

Cover System Monitoring

- **Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?**: **Yes**

  Some cracks in concrete.

- Is the cover system (concrete sub-slab within the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed within the building footprint?: No
- **Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?**: **Yes**

  Breaches in asphalt.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed outside the building footprint?: No

SVE System Monitoring

- Is maximum vacuum exceeded on any gauges?: No
- Was high vacuum switch drained?: Yes
- Were all switches checked for proper operation? Was all wiring checked for loose connections?: Yes
- Was water level within the moisture separator drum checked? Was operation of optional transfer pump checked?: Yes
- Were all fittings and bolts checked for tightness?: Yes
- Was moisture separator checked for pressure drop across filter/moisture demister?: Yes


THE GENERAL
AIR POLLUTION CONTROL EQUIP.




2015 Sep 06 05 3





SVE System Operation Log

- Blower Pressure (inches of water): 47
- Exhaust Pressure (inches of water): 47
- SVE-1 Pressure (inches of water): 20

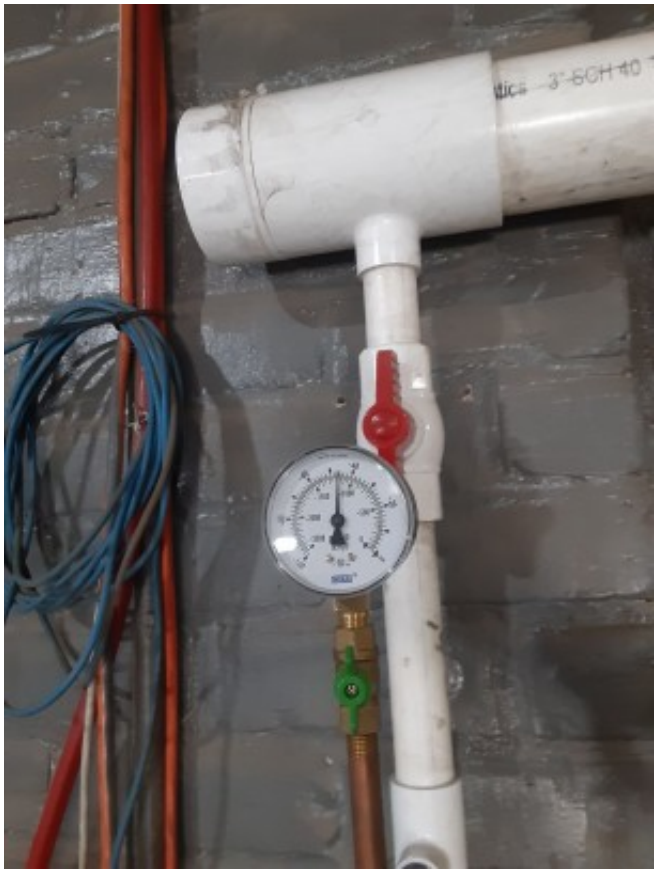
  Left half open.
- SVE-2 Pressure (inches of water): 20

  Left half open.
- SVE-3 Pressure (inches of water): 47

  Left full open.
- Flow Rate Reading (cfm): 50
- Blower Exhaust PID Reading (ppm): 1
- GAC Exhaust PID Reading (ppm): 0
- SVE-1 PID Reading (ppm): 0
- SVE-2 PID Reading (ppm): 0
- SVE-3 PID Reading (ppm): 1
- Water level within moisture separator drum (inches): 2

Photo Log

Take pictures of all vacuum gauges.









Take picture of the CFM gauge.



Take pictures of the PID Readings at all points.













Take pictures of the cover system (concrete and asphalt sub-slab) at all areas within and outside.









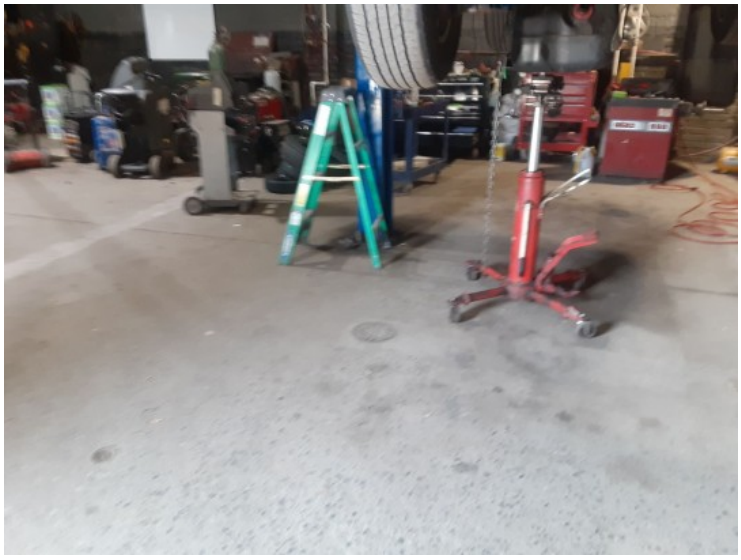

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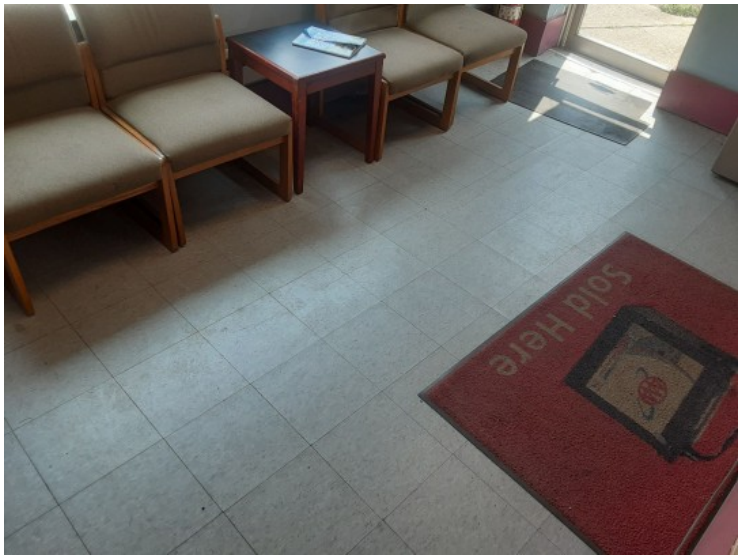











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Areas of Concern

Inspection

Cover System Monitoring

- Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?: Yes

  Some cracks in concrete.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?: Yes

  Breaches in asphalt.

Disclaimer

GCE represents that the services are performed within the limits prescribed by Client, with the usual thoroughness and competence of the profession. No other warranty or representation, either expressed or implied, is included or intended in any proposals. contracts, opinions, or reports. The observations in this Report are valid on the date of the inspection. Where access to portions of the Site or to structures on the Site was unavailable or limited. GCE renders a limited opinion based solely on information obtained as part of this report. It is acknowledged that GCE's judgments shall not be based on scientific or technical tests or procedures beyond the scope of the Services or beyond the time and budgetary constraints imposed by the Client.

It is acknowledged further that GCE's conclusions shall not rest on pure science but on such considerations as economic feasibility and available alternatives. The Client also acknowledges that, because geologic and soil formations are inherently random, variable, and indeterminate in nature, the Services and opinions provided under this Agreement with respect to such Services are not guaranteed to be a representation of actual conditions on the Site, which are also subject to change with time as a result of natural or man-made processes, including water permeation. In performing the Services, GCE shall use that degree of care and skill ordinarily exercised by environmental consultants or engineers performing similar services in the same or similar locality. The standard of care shall be determined solely at the time the Services are rendered and not according to standards utilized at a later date. The Services shall be rendered without any other warranty, expressed or implied, including, without limitation, the warranty of merchant ability and the warranty of fitness for a particular purpose. The Client and GCE agree that to the fullest extent permitted by law, GCE shall not be liable to the Client for any special, indirect or consequential damages whatsoever, whether caused by GCE' s negligence, errors, omissions, strict liability, breach of contract, breach of warranty or other cause or causes whatsoever. The inspection was conducted in a manner consistent with the level of care and skill ordinarily exercised by members of the profession, and in accordance with generally accepted practices of other consultants currently practicing in the same locality under similar conditions. No other representation, expressed or implied, and no warranty or guarantee is included or intended. The Report speaks only as of its date, in the absence of a specific written update of the Report delivered by GCE.

AAA Monthly SVE Inspection Report

101 Westmoreland Ave, White Plains, NY 10606

Performed By: G. C. Environmental, Inc.

Inspection Prepared For: Jim Clifford
Inspection Performed On: August 23, 2023
Inspector: Jeremy Samson
(631) 206-3700
info@gcenvironmental.com

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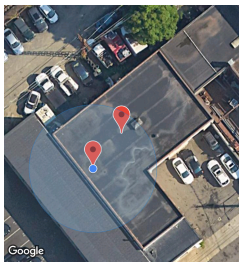
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- Certified Fuel Tank Testing
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Property and Inspection Information

Property:
101 Westmoreland Ave,
White Plains, NY 10606



Inspection Information:
Inspection #: 11942
Project #: 05-003-00
Inspector: Jeremy Samson

Inspection

Cover System Monitoring

- **Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?**: **Yes**

  Some cracks in concrete.

- Is the cover system (concrete sub-slab within the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed within the building footprint?: No
- **Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?**: **Yes**

  Breaches in asphalt

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) temporarily removed?: No
- Any underlying remaining contamination is disturbed outside the building footprint?: No

SVE System Monitoring

- Is maximum vacuum exceeded on any gauges?: No
- Was high vacuum switch drained?: Yes
- Were all switches checked for proper operation? Was all wiring checked for loose connections?: Yes
- Was water level within the moisture separator drum checked? Was operation of optional transfer pump checked?: Yes
- Were all fittings and bolts checked for tightness?: Yes
- Was moisture separator checked for pressure drop across filter/moisture demister?: Yes











SVE System Operation Log

- Blower Pressure (inches of water): 49
- Exhaust Pressure (inches of water): 49
- SVE-1 Pressure (inches of water): 20

  Left half open.
- SVE-2 Pressure (inches of water): 20

  Left half open.
- SVE-3 Pressure (inches of water): 47

  Left full open.
- Flow Rate Reading (cfm): 50
- Blower Exhaust PID Reading (ppm): 0
- GAC Exhaust PID Reading (ppm): 0
- SVE-1 PID Reading (ppm): 1
- SVE-2 PID Reading (ppm): 1
- SVE-3 PID Reading (ppm): 1
- Water level within moisture separator drum (inches): 0



Photo Log

Take pictures of all vacuum gauges.













Take picture of the CFM gauge.



Take pictures of the PID Readings at all points.











Take pictures of the cover system (concrete and asphalt sub-slab) at all areas within and outside.







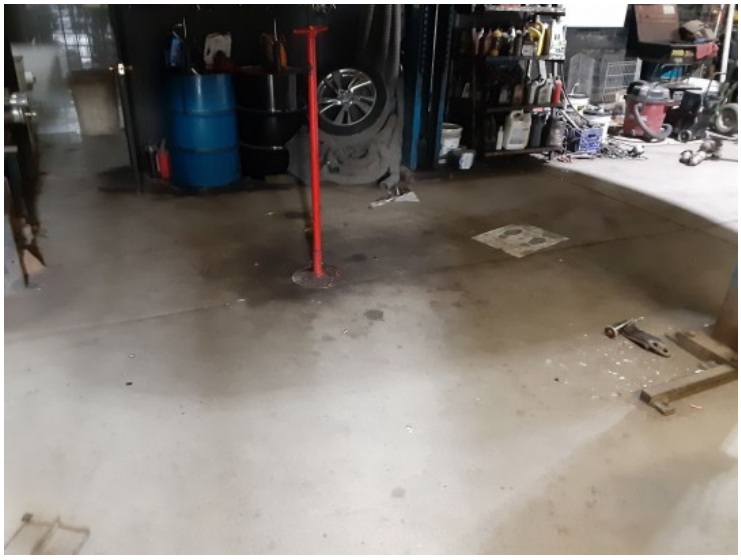


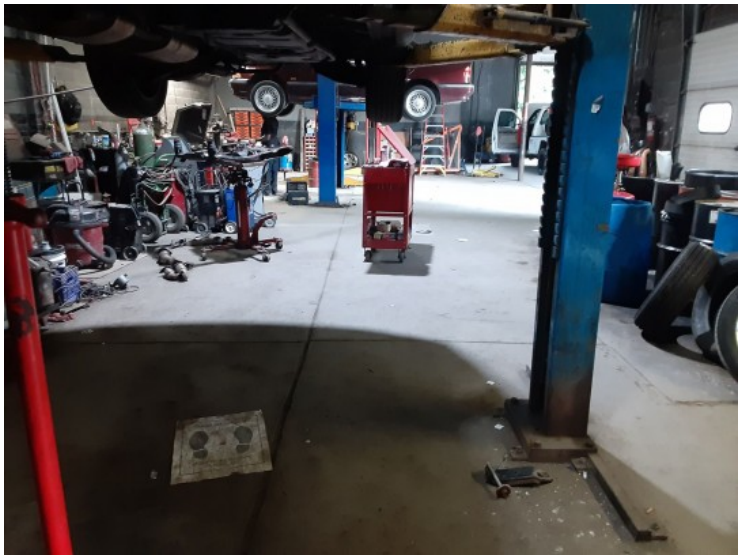


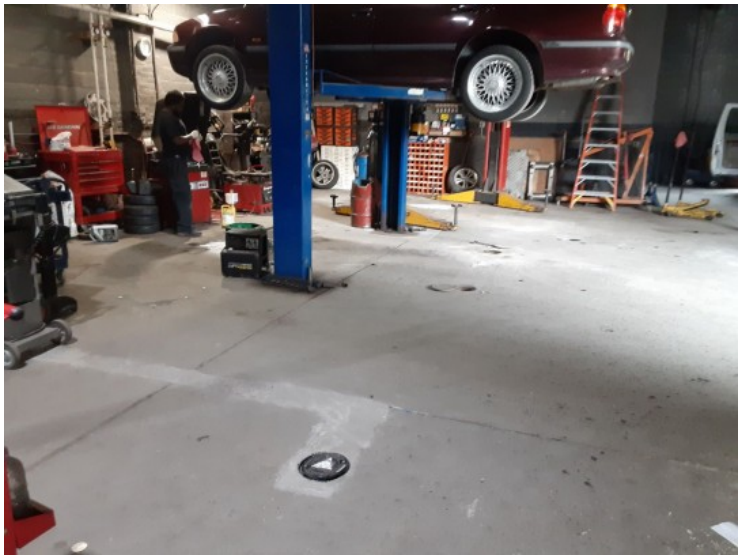

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A FULL SERVICE
AUTO REPAIR FACILITY


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TOWING
AUTO REPAIRS
BODY WORK

Areas of Concern

Inspection

Cover System Monitoring

- Is the cover system (concrete sub-slab within the building footprint) breached and/or penetrated?: Yes

  Some cracks in concrete.

- Is the cover system (asphalt sub-slab in all areas outside the building footprint) breached and/or penetrated?: Yes

  Breaches in asphalt

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G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

August 17, 2023

Ms. Michaela Cochran
Engineering Geologist 1, Remedial Bureau C,
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7014

Subject: SVE System Upgrade & Monitoring – Quarterly Sampling
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York (Now Known as AAA Northeast)
GCE Project No. 05-003-00

Air Sampling

According to the Approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023, two air sampling events were performed. First sampling event was completed as a baseline before upgrading the system and second sampling event was completed as a monitoring event after upgrading the system. Air samples were collected at four (4) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the SVE system was running and at the each SVE wells (SV-1 and SV-2 and SV-3) taken at the repair shop area. The air samples were collected using SUMMA canisters over an elapsed time of 2 hour (at this time canisters were provided with a 2-hours regulator). The air samples were boxed and shipped to the Phoenix Environmental Laboratories (PEL), a New York State ELAP - approved laboratory for analysis of VOC using EPA Method TO-15. PID readings were 0.00 ppm at all sampling locations (Please refer to Figure 1: SVE System Diagram/Sampling Map, Table 1.1 & 1.2: Air Sample Results, Appendix A: Lab Analytical Results).

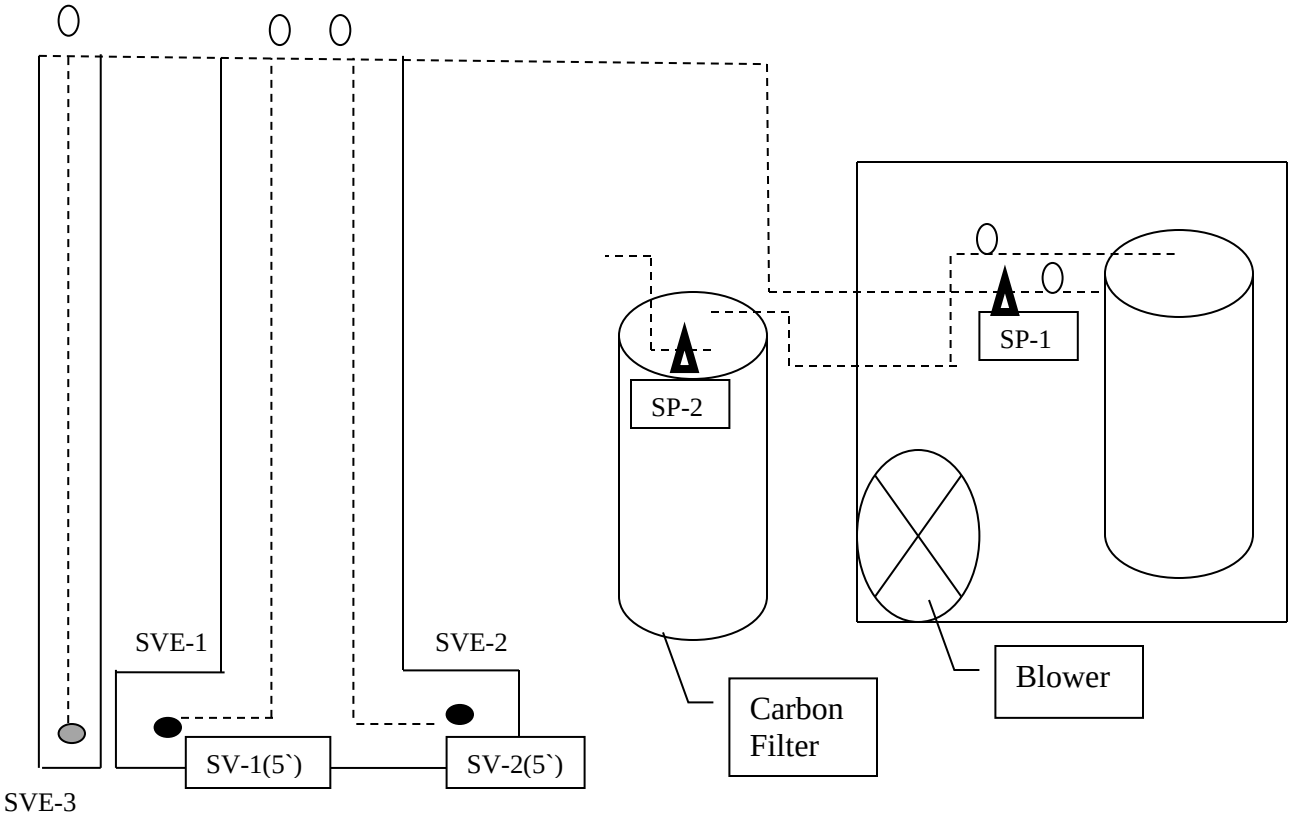
If you have any questions concerning this project, please feel free to call me at (631) 206-3700 ext 106.

Very truly yours,

Fulya Toylular,
Project Manager

cc: Amen Omorogbe, NYSDEC
Stephen Lawrence from NYSDOH
James Clifford, AAA Northeast

LIST OF FIGURES



LEGEND:

- Proposed Soil Vapor Extraction Well
- Existing Soil Vapor Extraction Well
- Manifold Vacuum Gauge
- System Piping
- Air Sampling Location Before SVE System Shut-off Period

Note: Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.
CONSULTANTS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

SVE SYSTEM DIAGRAM/
SAMPLING MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 1

SVE SYSTEM
DIAGRAM

LIST OF TABLES

Table 1.1-Air Sampling Results

G. C. Environmental, Inc.
101 Westmoreland Avenue,
White Plains, NY 10606

GCE Project No: 05-003-00

	Lab Sample Id	Units	CN51896 3/1/2023 SP-1 Air		CN51897 3/1/2023 SP-2 Air		CN51898 3/1/2023 SV-2 Air		CN51899 3/1/2023 SV-1 Air	
			Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	118	1.00	7.2	1.00	189	1.00	226	5.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	0.71	0.20	2.71	0.20	0.73	0.20	0.54	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	< 1.00	1.00	2.16	1.00	3.63	1.00	7.76	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	< 1.00	1.00	< 1.00	1.00	1.19	1.00	2.77	1.00
1,3-Butadiene	106-99-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	< 1.00	1.00	1.46	1.00	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	< 1.00	1.00	1.55	1.00	3.17	1.00	6.78	1.00
4-Isopropyltoluene	99-87-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	25.2	1.00	33.5	1.00	66.5	1.00	337	5.01
Acrylonitrile	107-13-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	< 1.00	1.00	< 1.00	1.00	1.57	1.00	5.36	1.00
Benzyl chloride	100-44-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	< 0.20	0.20	< 0.20	0.20	0.23	0.20	0.22	0.20
Chlorobenzene	108-90-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	1.29	1.00	< 1.00	1.00	1.14	1.00	2.43	1.00
Chloromethane	74-87-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane	124-48-1	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	3.64	1.00	3.16	1.00	3.5	1.00	3.84	1.00
Ethanol	64-17-5	ug/m3	4.63	1.00	4.99	1.00	12.2	1.00	68.2	1.00
Ethyl acetate	141-78-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	< 1.00	1.00	1.09	1.00	2.52	1.00	6.25	1.00
Heptane	142-82-5	ug/m3	< 1.00	1.00	< 1.00	1.00	2.37	1.00	7.37	1.00
Hexachlorobutadiene	87-68-3	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	< 1.00	1.00	1.05	1.00	4.12	1.00	16.5	1.00
Isopropylalcohol	67-63-0	ug/m3	2.97	1.00	< 1.00	1.00	4.27	1.00	8.03	1.00
Isopropylbenzene	98-82-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	< 1.00	1.00	4.47	1.00	10.2	1.00	23.9	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	3.01	1.00	13.8	1.00	4.19	1.00	5.33	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	< 1.00	1.00	1.69	1.00	3.73	1.00	9.24	1.00
Propylene	115-07-1	ug/m3	< 1.00	1.00	2.51	1.00	< 1.00	1.00	1.63	1.00
sec-Butylbenzene	135-98-8	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Styrene	100-42-5	ug/m3	< 1.00	1.00	< 1.00	1.00	1.29	1.00	2.07	1.00
Tetrachloroethene	127-18-4	ug/m3	22.6	0.25	21.2	0.25	424	1.25	725	1.25
Tetrahydrofuran	109-99-9	ug/m3	9.52	1.00	2.68	1.00	< 1.00	1.00	< 1.00	1.00
Toluene	108-88-3	ug/m3	< 1.00	1.00	3.95	1.00	11.5	1.00	29.9	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	0.74	0.20	< 0.20	0.20	2.45	0.20	4.18	0.20
Trichlorofluoromethane	75-69-4	ug/m3	1.09	1.00	< 1.00	1.00	1.15	1.00	1.21	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	1.79	1.00	< 1.00	1.00	1.5	1.00	2.78	1.00
Vinyl Chloride	75-01-4	ug/m3	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20	< 0.20	0.20

Result Detected

Table 1.2-Air Sampling Results

G. C. Environmental, Inc.
101 Westmoreland Avenue,
White Plains, NY 10606

GCE Project No: 05-003-00

			CO31110 6/15/2023 SV-3 Air		CO31111 6/15/2023 SV-2 Air		CO31112 6/15/2023 SP-2 Air		CO31113 6/15/2023 SP-1 Air	
	Lab Sample Id	Units	Result	RL	Result	RL	Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,1-Trichloroethane	71-55-6	ug/m3	80.7	5.00	104	5.00	< 5.00	5.00	91.6	5.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1,2-Trichloroethane	79-00-5	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,1-Dichloroethane	75-34-3	ug/m3	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,1-Dichloroethene	75-35-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
1,2,4-Trichlorobenzene	120-82-1	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	31.6	5.01	21.3	5.01	20.5	5.01	21.5	5.01
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichlorobenzene	95-50-1	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,2-Dichloroethane	107-06-2	ug/m3	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02	< 5.02	5.02
1,2-dichloropropane	78-87-5	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	9.33	5.01	5.5	5.01	< 5.01	5.01	5.6	5.01
1,3-Butadiene	106-99-0	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,3-Dichlorobenzene	541-73-1	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dichlorobenzene	106-46-7	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
1,4-Dioxane	123-91-1	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
2-Hexanone(MBK)	591-78-6	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
4-Ethyltoluene	622-96-8	ug/m3	22.2	5.01	13.6	5.01	12.1	5.01	13.1	5.01
4-Isopropyltoluene	99-87-6	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Acetone	67-64-1	ug/m3	182	5.01	26.6	5.01	23	5.01	50.3	5.01
Acrylonitrile	107-13-1	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzene	71-43-2	ug/m3	7.76	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Benzyl chloride	100-44-7	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromodichloromethane	75-27-4	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromoform	75-25-2	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Bromomethane	74-83-9	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Disulfide	75-15-0	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Carbon Tetrachloride	56-23-5	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
Chlorobenzene	108-90-7	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroethane	75-00-3	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Chloroform	67-66-3	ug/m3	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98	< 4.98	4.98
Chloromethane	74-87-3	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Cis-1,2-Dichloroethene	156-59-2	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00
cis-1,3-Dichloropropene	10061-01-5	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Cyclohexane	110-82-7	ug/m3	12.9	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Dibromochloromethane	124-48-1	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Dichlorodifluoromethane	75-71-8	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Ethanol	64-17-5	ug/m3	8.55	5.01	6.01	5.01	6.1	5.01	21.1	5.01
Ethyl acetate	141-78-6	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Ethylbenzene	100-41-4	ug/m3	13	4.99	5.38	4.99	< 4.99	4.99	5.82	4.99
Heptane	142-82-5	ug/m3	19	5.00	5.61	5.00	< 5.00	5.00	5.12	5.00
Hexachlorobutadiene	87-68-3	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Hexane	110-54-3	ug/m3	25.3	5.00	6.73	5.00	< 5.00	5.00	6.73	5.00
Isopropylalcohol	67-63-0	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Isopropylbenzene	98-82-8	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
m,p-Xylene	179601-23-1	ug/m3	56	4.99	26.3	4.99	19.3	4.99	25.8	4.99
Methyl Ethyl Ketone	78-93-3	ug/m3	501	5.01	24.4	5.01	< 5.01	5.01	35.1	5.01
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
Methylene Chloride	75-09-2	ug/m3	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0	< 15.0	15.0
n-Butylbenzene	104-51-8	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
o-Xylene	95-47-6	ug/m3	21.3	4.99	9.89	4.99	7.51	4.99	9.89	4.99
Propylene	115-07-1	ug/m3	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01	< 5.01	5.01
sec-Butylbenzene	135-98-8	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Styrene	100-42-5	ug/m3	70.2	4.98	54.1	4.98	55.3	4.98	55.3	4.98
Tetrachloroethene	127-18-4	ug/m3	394	1.25	491	1.25	6.64	1.25	574	1.25
Tetrahydrofuran	109-99-9	ug/m3	3,300	40.1	52.8	5.01	< 5.01	5.01	81.6	5.01
Toluene	108-88-3	ug/m3	82.1	5.01	25.3	5.01	6.36	5.01	25	5.01
Trans-1,2-Dichloroethene	156-60-5	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
trans-1,3-Dichloropropene	10061-02-6	ug/m3	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99	< 4.99	4.99
Trichloroethene	79-01-6	ug/m3	5.02	0.99	2.93	0.99	< 0.99	0.99	4.48	0.99
Trichlorofluoromethane	75-69-4	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Trichlorotrifluoroethane	76-13-1	ug/m3	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00	< 5.00	5.00
Vinyl Chloride	75-01-4	ug/m3	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00	< 1.00	1.00

Result Detected

APPENDIX A
Lab Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Tuesday, March 07, 2023

Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 05_003_00 (101 WESTERN AVE)
SDG ID: GCN51896
Sample ID#s: CN51896 - CN51899

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

March 07, 2023

SDG I.D.: GCN51896

Project ID: 05_003_00 (101 WESTERN AVE)

Client Id	Lab Id	Matrix
SP-1	CN51896	AIR
SP-2	CN51897	AIR
SV-2	CN51898	AIR
SV-1	CN51899	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		03/01/23	12:07
Location Code:	GC-ENV	Received by:	CP	03/02/23	15:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12563				
Canister Id:	9473				

Laboratory Data

SDG ID: GCN51896
Phoenix ID: CN51896

Project ID: 05_003_00 (101 WESTERN AVE)
Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	1
1,1,1-Trichloroethane	21.7	*0.183*	118	*1.00*	03/04/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethene	0.178	*0.051*	0.71	*0.20*	03/04/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/04/23	KCA	1	
1,2,4-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/04/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/04/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	1
4-Ethyltoluene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Acetone	10.6	*0.421*	25.2	*1.00*	03/04/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/04/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/04/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/04/23	KCA	1	

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51896

Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/04/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/04/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/04/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/04/23	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	03/04/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/04/23	KCA	1	
Chloroform	0.264	*0.205*	1.29	*1.00*	03/04/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/04/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/04/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/04/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/04/23	KCA	1	
Dichlorodifluoromethane	0.736	*0.202*	3.64	*1.00*	03/04/23	KCA	1	
Ethanol	2.46	*0.531*	4.63	*1.00*	03/04/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	1
Ethylbenzene	ND	*0.230*	ND	*1.00*	03/04/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/04/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	03/04/23	KCA	1	
Isopropylalcohol	1.21	*0.407*	2.97	*1.00*	03/04/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
m,p-Xylene	ND	*0.230*	ND	*1.00*	03/04/23	KCA	1	
Methyl Ethyl Ketone	1.02	*0.339*	3.01	*1.00*	03/04/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/04/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
o-Xylene	ND	*0.230*	ND	*1.00*	03/04/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/04/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/04/23	KCA	1	
Tetrachloroethene	3.34	*0.037*	22.6	*0.25*	03/04/23	KCA	1	
Tetrahydrofuran	3.23	*0.339*	9.5	*1.00*	03/04/23	KCA	1	1
Toluene	ND	*0.266*	ND	*1.00*	03/04/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/04/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Trichloroethene	0.138	*0.037*	0.74	*0.20*	03/04/23	KCA	1	
Trichlorofluoromethane	0.195	*0.178*	1.09	*1.00*	03/04/23	KCA	1	
Trichlorotrifluoroethane	0.234	*0.131*	1.79	*1.00*	03/04/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/04/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	03/04/23	KCA	1	
% IS-1,4-Difluorobenzene	83	*%*	83	*%*	03/04/23	KCA	1	
% IS-Bromochloromethane	83	*%*	83	*%*	03/04/23	KCA	1	
% IS-Chlorobenzene-d5	80	*%*	80	*%*	03/04/23	KCA	1	

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51896

Client ID: SP-1

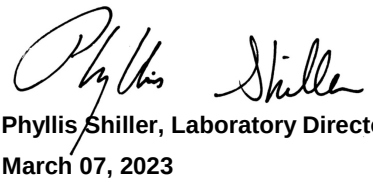
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

March 07, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		03/01/23	14:47
Location Code:	GC-ENV	Received by:	CP	03/02/23	15:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12563				
Canister Id:	23350				

Laboratory Data

SDG ID: GCN51896
Phoenix ID: CN51897

Project ID: 05_003_00 (101 WESTERN AVE)
Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	1
1,1,1-Trichloroethane	1.32	*0.183*	7.20	*1.00*	03/04/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethene	0.685	*0.051*	2.71	*0.20*	03/04/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/04/23	KCA	1	
1,2,4-Trimethylbenzene	0.439	*0.204*	2.16	*1.00*	03/04/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/04/23	KCA	1	
1,3,5-Trimethylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/04/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
2-Hexanone(MBK)	0.356	*0.244*	1.46	*1.00*	03/04/23	KCA	1	1
4-Ethyltoluene	0.316	*0.204*	1.55	*1.00*	03/04/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Acetone	14.1	*0.421*	33.5	*1.00*	03/04/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/04/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	03/04/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/04/23	KCA	1	

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51897

Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/04/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/04/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/04/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/04/23	KCA	1	
Carbon Tetrachloride	ND	*0.032*	ND	*0.20*	03/04/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/04/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	03/04/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/04/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/04/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/04/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/04/23	KCA	1	
Dichlorodifluoromethane	0.640	*0.202*	3.16	*1.00*	03/04/23	KCA	1	
Ethanol	2.65	*0.531*	4.99	*1.00*	03/04/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	1
Ethylbenzene	0.252	*0.230*	1.09	*1.00*	03/04/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/04/23	KCA	1	
Hexane	0.299	*0.284*	1.05	*1.00*	03/04/23	KCA	1	
Isopropylalcohol	ND	*0.407*	ND	*1.00*	03/04/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
m,p-Xylene	1.03	*0.230*	4.47	*1.00*	03/04/23	KCA	1	
Methyl Ethyl Ketone	4.68	*0.339*	13.8	*1.00*	03/04/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/04/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
o-Xylene	0.390	*0.230*	1.69	*1.00*	03/04/23	KCA	1	
Propylene	1.46	*0.581*	2.51	*1.00*	03/04/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
Styrene	ND	*0.235*	ND	*1.00*	03/04/23	KCA	1	
Tetrachloroethene	3.13	*0.037*	21.2	*0.25*	03/04/23	KCA	1	
Tetrahydrofuran	0.910	*0.339*	2.68	*1.00*	03/04/23	KCA	1	1
Toluene	1.05	*0.266*	3.95	*1.00*	03/04/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/04/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Trichloroethene	ND	*0.037*	ND	*0.20*	03/04/23	KCA	1	
Trichlorofluoromethane	ND	*0.178*	ND	*1.00*	03/04/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	03/04/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/04/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	104	*%*	104	*%*	03/04/23	KCA	1	
% IS-1,4-Difluorobenzene	82	*%*	82	*%*	03/04/23	KCA	1	
% IS-Bromochloromethane	82	*%*	82	*%*	03/04/23	KCA	1	
% IS-Chlorobenzene-d5	83	*%*	83	*%*	03/04/23	KCA	1	

Ver 1

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51897

Client ID: SP-2

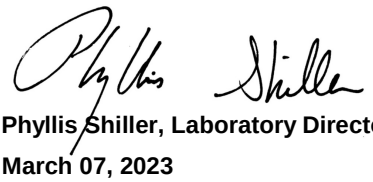
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

March 07, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		03/01/23	12:34
Location Code:	GC-ENV	Received by:	CP	03/02/23	15:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12563				
Canister Id:	470				

Laboratory Data

SDG ID: GCN51896
Phoenix ID: CN51898

Project ID: 05_003_00 (101 WESTERN AVE)
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	1
1,1,1-Trichloroethane	34.7	*0.183*	189	*1.00*	03/04/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethene	0.183	*0.051*	0.73	*0.20*	03/04/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/04/23	KCA	1	
1,2,4-Trimethylbenzene	0.739	*0.204*	3.63	*1.00*	03/04/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/04/23	KCA	1	
1,3,5-Trimethylbenzene	0.242	*0.204*	1.19	*1.00*	03/04/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/04/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	1
4-Ethyltoluene	0.646	*0.204*	3.17	*1.00*	03/04/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Acetone	28.0	*0.421*	66.5	*1.00*	03/04/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/04/23	KCA	1	
Benzene	0.493	*0.313*	1.57	*1.00*	03/04/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/04/23	KCA	1	

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51898

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/04/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/04/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/04/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/04/23	KCA	1	
Carbon Tetrachloride	0.037	*0.032*	0.23	*0.20*	03/04/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/04/23	KCA	1	
Chloroform	0.233	*0.205*	1.14	*1.00*	03/04/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/04/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/04/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/04/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/04/23	KCA	1	
Dichlorodifluoromethane	0.708	*0.202*	3.50	*1.00*	03/04/23	KCA	1	
Ethanol	6.49	*0.531*	12.2	*1.00*	03/04/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	1
Ethylbenzene	0.581	*0.230*	2.52	*1.00*	03/04/23	KCA	1	
Heptane	0.578	*0.244*	2.37	*1.00*	03/04/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/04/23	KCA	1	
Hexane	1.17	*0.284*	4.12	*1.00*	03/04/23	KCA	1	
Isopropylalcohol	1.74	*0.407*	4.27	*1.00*	03/04/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
m,p-Xylene	2.35	*0.230*	10.2	*1.00*	03/04/23	KCA	1	
Methyl Ethyl Ketone	1.42	*0.339*	4.19	*1.00*	03/04/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/04/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
o-Xylene	0.860	*0.230*	3.73	*1.00*	03/04/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	03/04/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
Styrene	0.302	*0.235*	1.29	*1.00*	03/04/23	KCA	1	
Tetrachloroethene	62.6	*0.184*	424	*1.25*	03/03/23	KCA	5	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/04/23	KCA	1	1
Toluene	3.06	*0.266*	11.5	*1.00*	03/04/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/04/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Trichloroethene	0.456	*0.037*	2.45	*0.20*	03/04/23	KCA	1	
Trichlorofluoromethane	0.204	*0.178*	1.15	*1.00*	03/04/23	KCA	1	
Trichlorotrifluoroethane	0.196	*0.131*	1.50	*1.00*	03/04/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/04/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	104	*%*	104	*%*	03/04/23	KCA	1	
% IS-1,4-Difluorobenzene	80	*%*	80	*%*	03/04/23	KCA	1	
% IS-Bromochloromethane	80	*%*	80	*%*	03/04/23	KCA	1	
% IS-Chlorobenzene-d5	81	*%*	81	*%*	03/04/23	KCA	1	
% Bromofluorobenzene (5x)	117	*%*	117	*%*	03/03/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	85	*%*	85	*%*	03/03/23	KCA	5	
% IS-Bromochloromethane (5x)	87	*%*	87	*%*	03/03/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	82	*%*	82	*%*	03/03/23	KCA	5	

Ver 1

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51898

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

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BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

March 07, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

March 07, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:		03/01/23	12:35
Location Code:	GC-ENV	Received by:	CP	03/02/23	15:40
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12563				
Canister Id:	230				

Laboratory Data

SDG ID: GCN51896
Phoenix ID: CN51899

Project ID: 05_003_00 (101 WESTERN AVE)
Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	1
1,1,1-Trichloroethane	41.5	*0.917*	226	*5.00*	03/03/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	03/04/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,1-Dichloroethene	0.137	*0.051*	0.54	*0.20*	03/04/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	03/04/23	KCA	1	
1,2,4-Trimethylbenzene	1.58	*0.204*	7.76	*1.00*	03/04/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	03/04/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	03/04/23	KCA	1	
1,3,5-Trimethylbenzene	0.564	*0.204*	2.77	*1.00*	03/04/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	03/04/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	03/04/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	1
4-Ethyltoluene	1.38	*0.204*	6.78	*1.00*	03/04/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	03/04/23	KCA	1	
Acetone	142	*2.11*	337	*5.01*	03/03/23	KCA	5	
Acrylonitrile	ND	*0.461*	ND	*1.00*	03/04/23	KCA	1	
Benzene	1.68	*0.313*	5.36	*1.00*	03/04/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	03/04/23	KCA	1	

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51899

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	03/04/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	03/04/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	03/04/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	03/04/23	KCA	1	
Carbon Tetrachloride	0.035	*0.032*	0.22	*0.20*	03/04/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	03/04/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	03/04/23	KCA	1	
Chloroform	0.498	*0.205*	2.43	*1.00*	03/04/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	03/04/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	03/04/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	03/04/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	03/04/23	KCA	1	
Dichlorodifluoromethane	0.778	*0.202*	3.84	*1.00*	03/04/23	KCA	1	
Ethanol	36.2	*0.531*	68.2	*1.00*	03/04/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	1
Ethylbenzene	1.44	*0.230*	6.25	*1.00*	03/04/23	KCA	1	
Heptane	1.80	*0.244*	7.37	*1.00*	03/04/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	03/04/23	KCA	1	
Hexane	4.68	*0.284*	16.5	*1.00*	03/04/23	KCA	1	
Isopropylalcohol	3.27	*0.407*	8.03	*1.00*	03/04/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	03/04/23	KCA	1	
m,p-Xylene	5.51	*0.230*	23.9	*1.00*	03/04/23	KCA	1	
Methyl Ethyl Ketone	1.81	*0.339*	5.33	*1.00*	03/04/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	03/04/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	03/04/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
o-Xylene	2.13	*0.230*	9.24	*1.00*	03/04/23	KCA	1	
Propylene	0.945	*0.581*	1.63	*1.00*	03/04/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	03/04/23	KCA	1	1
Styrene	0.487	*0.235*	2.07	*1.00*	03/04/23	KCA	1	
Tetrachloroethene	107	*0.184*	725	*1.25*	03/03/23	KCA	5	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	03/04/23	KCA	1	1
Toluene	7.93	*0.266*	29.9	*1.00*	03/04/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	03/04/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	03/04/23	KCA	1	
Trichloroethene	0.778	*0.037*	4.18	*0.20*	03/04/23	KCA	1	
Trichlorofluoromethane	0.216	*0.178*	1.21	*1.00*	03/04/23	KCA	1	
Trichlorotrifluoroethane	0.363	*0.131*	2.78	*1.00*	03/04/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	03/04/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	03/04/23	KCA	1	
% IS-1,4-Difluorobenzene	82	*%*	82	*%*	03/04/23	KCA	1	
% IS-Bromochloromethane	81	*%*	81	*%*	03/04/23	KCA	1	
% IS-Chlorobenzene-d5	83	*%*	83	*%*	03/04/23	KCA	1	
% Bromofluorobenzene (5x)	118	*%*	118	*%*	03/03/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	81	*%*	81	*%*	03/03/23	KCA	5	
% IS-Bromochloromethane (5x)	83	*%*	83	*%*	03/03/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	79	*%*	79	*%*	03/03/23	KCA	5	

Ver 1

Project ID: 05_003_00 (101 WESTERN AVE) Phoenix I.D.: CN51899

Client ID: SV-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

March 07, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

March 07, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

SDG I.D.: GCN51896

Project ID: 05_003_00 (101 WESTERN AVE)

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SP-1	CN51896	9473	6.0L	5389	02/27/23	-30	-1.5	43	43	0.0	-30	-5	03/01/23 10:07	03/01/23 12:07
SP-2	CN51897	23350	6.0L	7023	02/27/23	-30	-1.5	45	45	0.0	-29	-4	03/01/23 12:47	03/01/23 12:47
SV-2	CN51898	470	6.0L	6998	02/27/23	-30	-3	43	43	0.0	-29	-6	03/01/23 10:34	03/01/23 12:34
SV-1	CN51899	230	6.0L	3250	02/27/23	-30	-2.5	43	43	0.0	-30	-6	03/01/23 10:35	03/01/23 12:35

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

March 07, 2023

QA/QC Data

SDG I.D.: GCN51896

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 666540 (ppbv), QC Sample No: CN50806 (CN51898 (5X) , CN51899 (5X))												
Volatiles												
1,1,1-Trichloroethane	ND	0.180	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	97	8.71	8.74	3.67	3.68	0.3	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	98	15.6	15.0	2.30	2.22	3.5	70 - 130	25
% Bromofluorobenzene	113	%	113	%	102	118	118	118	118	NC	70 - 130	25
% IS-1,4-Difluorobenzene	99	%	99	%	101	93	89	93	89	NC	60 - 140	25
% IS-Bromochloromethane	98	%	98	%	99	93	89	93	89	NC	60 - 140	25
% IS-Chlorobenzene-d5	98	%	98	%	118	92	87	92	87	NC	60 - 140	25
QA/QC Batch 666691 (ppbv), QC Sample No: CN52038 (CN51896, CN51897, CN51898, CN51899)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.250	ND	1.72	101	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.005	ND	0.03	98	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	99	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	95	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.100	ND	0.40	98	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	111	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	107	1.52	1.54	0.310	0.313	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.005	ND	0.04	101	0.08	ND	0.010	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	106	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	101	0.13	0.10	0.033	0.024	NC	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	93	2.63	2.54	0.570	0.550	3.6	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	99	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	108	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	93	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	104	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	109	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	98	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	103	1.69	1.67	0.343	0.340	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	106	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	93	48.0	48.2	20.2	20.3	0.5	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	88	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	94	0.74	0.72	0.232	0.227	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	109	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	100	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	108	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	97	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	98	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	104	0.47	0.43	0.074	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	101	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCN51896

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Chloroethane	ND	0.250	ND	0.66	89	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	98	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	88	0.96	1.02	0.464	0.492	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	95	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	101	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	92	3.27	ND	0.951	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	105	0.10	ND	0.012	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	103	2.09	2.09	0.423	0.422	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	106	90.4 E	93.8	48.0 E	49.8	3.7	70 - 130	25
Ethyl acetate	ND	0.250	ND	0.90	72	12.4	12.4	3.43	3.44	0.3	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	100	2.47	2.46	0.570	0.566	NC	70 - 130	25
Heptane	ND	0.250	ND	1.02	93	12.2	12.2	2.98	2.98	0.0	70 - 130	25
Hexachlorobutadiene	ND	0.005	ND	0.05	114	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	93	1.76	1.74	0.499	0.495	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	95	904 E	936	368 E	381	3.5	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	102	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	105	11.0	10.9	2.53	2.52	0.4	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	88	60.7	61.6	20.6	20.9	1.4	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	97	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	91	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	102	5.29	5.29	1.22	1.22	NC	70 - 130	25
Propylene	ND	0.250	ND	0.43	88	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	104	0.89	0.84	0.209	0.198	NC	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	104	1.61	1.56	0.238	0.230	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	91	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.250	ND	0.94	98	46.7	46.7	12.4	12.4	0.0	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	95	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	103	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	102	0.17	0.14	0.032	0.026	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	103	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	100	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.050	ND	0.13	94	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	102	%	102	%	101	98	96	98	96	NC	70 - 130	25
% IS-1,4-Difluorobenzene	96	%	96	%	98	97	96	97	96	NC	60 - 140	25
% IS-Bromochloromethane	95	%	95	%	96	95	94	95	94	NC	60 - 140	25
% IS-Chlorobenzene-d5	95	%	95	%	103	106	105	106	105	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
March 07, 2023

Tuesday, March 07, 2023

Criteria: None

State: NY

Sample Criteria Exceedances Report

GCN51896 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

March 07, 2023 SDG I.D.: GCN51896

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX *Environmental Laboratories, Inc.*

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

GC-ENV

860-645-1102

email: greg@phoenixlabs.com

P.O. # 12563 Page 1 of 1

Data Delivery:
- ☐ Fax #:
- ☐ Email: flaylor@gcenv.com
- ☑ Phone #: 631-206-3700

Report to:	Fulya Toylular	Project Name: 05-003-00 (101 Westwood Ave.)	Data Format: (Circle) Equis Excel Other:
Customer:	G.C. Environmental, Inc.	Invoice to: Diana Lydon	Requested Deliverable: RCP ASP CAT B
Address:	22 Oak Street		MCP NJ Deliverables
14412	Bayshore, NY 11706	Sampled by: Greg Larson	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES		
51896	SP-1	9473	6.0L	-30	-1.5	5389	43	10:07	12:07	3/1	-30	-5		X	X	X		
51897	SP-2	23350	6.0L	-30	-1.5	7023	45	12:47	2:47	3-1	-29	-4		X	X	X		
51898	SV-2	470	6.0L	-30	-3	6998	43	10:34	12:34	3-1	-29	-6		X	X	X		
51899	SV-1	230	6.0L	-30	-2.5	3250	43	10:35	12:35	3/1	-30	-6		X	X	X		
	not used	12856	6.0L	-30		10668	45											

Relinquished by:	Accepted by:	Date:	Time:
	ZM	3/2/23	1553
ZM		3/2/23	1540

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Greg Larson Date:

State Where Samples Collected:

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(5) - 6.0L 2 hr, 15ft Tubing, 5 Connectors

Turnaround Time:
- 1 Day* ☐
- 2 Day* ☐
- 3 Day* ☐
- 4 Day* ☐
- 5 Day* ☐
- Standard ☑

*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	**Indoor Air:** Residential Ind/Commercial	**Indoor Air:** Residential Ind/Commercial	Vapor Intrusion	**Indoor Air** Residential Non-residential	**Indoor Air** Residential Industrial
TAC RES					**Sub-slab** Residential Industrial
SVVC I/C	**Soil Gas:** Residential Ind/Commercial	**Soil Gas:** Residential Ind/Commercial			
SVVC RES					
GWV I/C					
GWV CES					

PHOENIX
Environmental Laboratories, Inc.

Friday, June 23, 2023

Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 05-003-00
SDG ID: GCO31110
Sample ID#s: CO31110 - CO31113

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

June 23, 2023

SDG I.D.: GCO31110

Project ID: 05-003-00

Client Id	Lab Id	Matrix
SV-3	CO31110	AIR
SV-2	CO31111	AIR
SP-2	CO31112	AIR
SP-1	CO31113	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2023

FOR: Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/15/23	13:34
Location Code:	GC-ENV	Received by:	SR1	06/16/23	19:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12671				
Canister Id:	16011				

Laboratory Data

SDG ID: GCO31110
Phoenix ID: CO31110

Project ID: 05-003-00
Client ID: SV-3

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	1
1,1,1-Trichloroethane	14.8	*0.917*	80.7	*5.00*	06/17/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	06/17/23	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	06/17/23	KCA	5	
1,2,4-Trimethylbenzene	6.44	*1.02*	31.6	*5.01*	06/17/23	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	06/17/23	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	06/17/23	KCA	5	
1,3,5-Trimethylbenzene	1.90	*1.02*	9.33	*5.01*	06/17/23	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	06/17/23	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	1
4-Ethyltoluene	4.51	*1.02*	22.2	*5.01*	06/17/23	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	
Acetone	76.8	*2.11*	182	*5.01*	06/17/23	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	06/17/23	KCA	5	
Benzene	2.43	*1.57*	7.76	*5.01*	06/17/23	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	06/17/23	KCA	5	

Project ID: 05-003-00
Client ID: SV-3

Phoenix I.D.: CO31110

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	06/17/23	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	06/17/23	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	06/17/23	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	06/17/23	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	06/17/23	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	06/17/23	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	06/17/23	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	06/17/23	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	06/17/23	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Cyclohexane	3.76	*1.45*	12.9	*4.99*	06/17/23	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	06/17/23	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	06/17/23	KCA	5	
Ethanol	4.54	*2.66*	8.55	*5.01*	06/17/23	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	1
Ethylbenzene	2.99	*1.15*	13.0	*4.99*	06/17/23	KCA	5	
Heptane	4.63	*1.22*	19.0	*5.00*	06/17/23	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	06/17/23	KCA	5	
Hexane	7.18	*1.42*	25.3	*5.00*	06/17/23	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	06/17/23	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	06/17/23	KCA	5	
m,p-Xylene	12.9	*1.15*	56.0	*4.99*	06/17/23	KCA	5	
Methyl Ethyl Ketone	170	*1.70*	501	*5.01*	06/17/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	06/17/23	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
o-Xylene	4.91	*1.15*	21.3	*4.99*	06/17/23	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	06/17/23	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
Styrene	16.5	*1.17*	70.2	*4.98*	06/17/23	KCA	5	
Tetrachloroethene	58.1	*0.184*	394	*1.25*	06/17/23	KCA	5	
Tetrahydrofuran	1120	*13.6*	3300	*40.1*	06/21/23	KCA	40	1
Toluene	21.8	*1.33*	82.1	*5.01*	06/17/23	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	06/17/23	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Trichloroethene	0.935	*0.185*	5.02	*0.99*	06/17/23	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	06/17/23	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	06/17/23	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	06/17/23	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	96	*%*	96	*%*	06/21/23	KCA	1	
% IS-1,4-Difluorobenzene	121	*%*	121	*%*	06/21/23	KCA	1	
% IS-Bromochloromethane	116	*%*	116	*%*	06/21/23	KCA	1	
% IS-Chlorobenzene-d5	129	*%*	129	*%*	06/21/23	KCA	1	
% Bromofluorobenzene (5x)	105	*%*	105	*%*	06/17/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	87	*%*	87	*%*	06/17/23	KCA	5	
% IS-Bromochloromethane (5x)	88	*%*	88	*%*	06/17/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	88	*%*	88	*%*	06/17/23	KCA	5	

Ver 1

Project ID: 05-003-00
Client ID: SV-3

Phoenix I.D.: CO31110

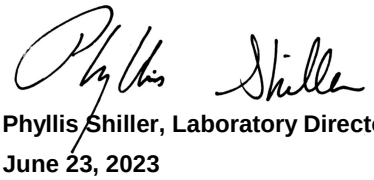
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (10x)	102	%	102	%	06/21/23	KCA	10
% IS-1,4-Difluorobenzene (10x)	118	%	118	%	06/21/23	KCA	10
% IS-Bromochloromethane (10x)	116	%	116	%	06/21/23	KCA	10
% IS-Chlorobenzene-d5 (10x)	119	%	119	%	06/21/23	KCA	10
% Bromofluorobenzene (40x)	103	%	103	%	06/21/23	KCA	40
% IS-1,4-Difluorobenzene (40x)	96	%	96	%	06/21/23	KCA	40
% IS-Bromochloromethane (40x)	96	%	96	%	06/21/23	KCA	40
% IS-Chlorobenzene-d5 (40x)	97	%	97	%	06/21/23	KCA	40

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
June 23, 2023
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2023

FOR: Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/15/23	13:42
Location Code:	GC-ENV	Received by:	SR1	06/16/23	19:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12671				
Canister Id:	12855				

Laboratory Data

SDG ID: GCO31110
Phoenix ID: CO31111

Project ID: 05-003-00
Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	1
1,1,1-Trichloroethane	19.1	*0.917*	104	*5.00*	06/17/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	06/17/23	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	06/17/23	KCA	5	
1,2,4-Trimethylbenzene	4.34	*1.02*	21.3	*5.01*	06/17/23	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	06/17/23	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	06/17/23	KCA	5	
1,3,5-Trimethylbenzene	1.12	*1.02*	5.50	*5.01*	06/17/23	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	06/17/23	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	1
4-Ethyltoluene	2.77	*1.02*	13.6	*5.01*	06/17/23	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	
Acetone	11.2	*2.11*	26.6	*5.01*	06/17/23	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	06/17/23	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	06/17/23	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	06/17/23	KCA	5	

Project ID: 05-003-00
Client ID: SV-2

Phoenix I.D.: CO31111

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	06/17/23	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	06/17/23	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	06/17/23	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	06/17/23	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	06/17/23	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	06/17/23	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	06/17/23	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	06/17/23	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	06/17/23	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	06/17/23	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	06/17/23	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	06/17/23	KCA	5	
Ethanol	3.19	*2.66*	6.01	*5.01*	06/17/23	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	1
Ethylbenzene	1.24	*1.15*	5.38	*4.99*	06/17/23	KCA	5	
Heptane	1.37	*1.22*	5.61	*5.00*	06/17/23	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	06/17/23	KCA	5	
Hexane	1.91	*1.42*	6.73	*5.00*	06/17/23	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	06/17/23	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	06/17/23	KCA	5	
m,p-Xylene	6.07	*1.15*	26.3	*4.99*	06/17/23	KCA	5	
Methyl Ethyl Ketone	8.27	*1.70*	24.4	*5.01*	06/17/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	06/17/23	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
o-Xylene	2.28	*1.15*	9.9	*4.99*	06/17/23	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	06/17/23	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
Styrene	12.7	*1.17*	54.1	*4.98*	06/17/23	KCA	5	
Tetrachloroethene	72.4	*0.184*	491	*1.25*	06/17/23	KCA	5	
Tetrahydrofuran	17.9	*1.70*	52.8	*5.01*	06/17/23	KCA	5	1
Toluene	6.73	*1.33*	25.3	*5.01*	06/17/23	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	06/17/23	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Trichloroethene	0.545	*0.185*	2.93	*0.99*	06/17/23	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	06/17/23	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	06/17/23	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	06/17/23	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	103	*%*	103	*%*	06/17/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	91	*%*	91	*%*	06/17/23	KCA	5	
% IS-Bromochloromethane (5x)	92	*%*	92	*%*	06/17/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	93	*%*	93	*%*	06/17/23	KCA	5	

Project ID: 05-003-00 Phoenix I.D.: CO31111

Client ID: SV-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 23, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

June 23, 2023

FOR: Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/15/23	11:30
Location Code:	GC-ENV	Received by:	SR1	06/16/23	19:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12671				
Canister Id:	23871				

Laboratory Data

SDG ID: GCO31110
Phoenix ID: CO31112

Project ID: 05-003-00
Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	1
1,1,1-Trichloroethane	ND	*0.917*	ND	*5.00*	06/17/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	06/17/23	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	06/17/23	KCA	5	
1,2,4-Trimethylbenzene	4.17	*1.02*	20.5	*5.01*	06/17/23	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	06/17/23	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	06/17/23	KCA	5	
1,3,5-Trimethylbenzene	ND	*1.02*	ND	*5.01*	06/17/23	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	06/17/23	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	1
4-Ethyltoluene	2.47	*1.02*	12.1	*5.01*	06/17/23	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	
Acetone	9.68	*2.11*	23.0	*5.01*	06/17/23	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	06/17/23	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	06/17/23	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	06/17/23	KCA	5	

Project ID: 05-003-00
Client ID: SP-2

Phoenix I.D.: CO31112

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	06/17/23	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	06/17/23	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	06/17/23	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	06/17/23	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	06/17/23	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	06/17/23	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	06/17/23	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	06/17/23	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	06/17/23	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	06/17/23	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	06/17/23	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	06/17/23	KCA	5	
Ethanol	3.24	*2.66*	6.10	*5.01*	06/17/23	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	1
Ethylbenzene	ND	*1.15*	ND	*4.99*	06/17/23	KCA	5	
Heptane	ND	*1.22*	ND	*5.00*	06/17/23	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	06/17/23	KCA	5	
Hexane	ND	*1.42*	ND	*5.00*	06/17/23	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	06/17/23	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	06/17/23	KCA	5	
m,p-Xylene	4.44	*1.15*	19.3	*4.99*	06/17/23	KCA	5	
Methyl Ethyl Ketone	ND	*1.70*	ND	*5.01*	06/17/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	06/17/23	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
o-Xylene	1.73	*1.15*	7.51	*4.99*	06/17/23	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	06/17/23	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
Styrene	13.0	*1.17*	55.3	*4.98*	06/17/23	KCA	5	
Tetrachloroethene	0.980	*0.184*	6.64	*1.25*	06/17/23	KCA	5	
Tetrahydrofuran	ND	*1.70*	ND	*5.01*	06/17/23	KCA	5	1
Toluene	1.69	*1.33*	6.36	*5.01*	06/17/23	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	06/17/23	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Trichloroethene	ND	*0.185*	ND	*0.99*	06/17/23	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	06/17/23	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	06/17/23	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	06/17/23	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	106	*%*	106	*%*	06/17/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	88	*%*	88	*%*	06/17/23	KCA	5	
% IS-Bromochloromethane (5x)	91	*%*	91	*%*	06/17/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	89	*%*	89	*%*	06/17/23	KCA	5	

Project ID: 05-003-00 Phoenix I.D.: CO31112

Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director

June 23, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 23, 2023

FOR: Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/15/23	11:46
Location Code:	GC-ENV	Received by:	SR1	06/16/23	19:00
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12671				
Canister Id:	17158				

Laboratory Data

SDG ID: GCO31110
Phoenix ID: CO31113

Project ID: 05-003-00
Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	1
1,1,1-Trichloroethane	16.8	*0.917*	91.6	*5.00*	06/17/23	KCA	5	
1,1,2,2-Tetrachloroethane	ND	*0.729*	ND	*5.00*	06/17/23	KCA	5	
1,1,2-Trichloroethane	ND	*0.917*	ND	*5.00*	06/17/23	KCA	5	
1,1-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,1-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
1,2,4-Trichlorobenzene	ND	*0.674*	ND	*5.00*	06/17/23	KCA	5	
1,2,4-Trimethylbenzene	4.37	*1.02*	21.5	*5.01*	06/17/23	KCA	5	
1,2-Dibromoethane(EDB)	ND	*0.651*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,2-Dichloroethane	ND	*1.24*	ND	*5.02*	06/17/23	KCA	5	
1,2-dichloropropane	ND	*1.08*	ND	*4.99*	06/17/23	KCA	5	
1,2-Dichlorotetrafluoroethane	ND	*0.716*	ND	*5.00*	06/17/23	KCA	5	
1,3,5-Trimethylbenzene	1.14	*1.02*	5.60	*5.01*	06/17/23	KCA	5	
1,3-Butadiene	ND	*2.26*	ND	*5.00*	06/17/23	KCA	5	
1,3-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dichlorobenzene	ND	*0.832*	ND	*5.00*	06/17/23	KCA	5	
1,4-Dioxane	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
2-Hexanone(MBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	1
4-Ethyltoluene	2.66	*1.02*	13.1	*5.01*	06/17/23	KCA	5	1
4-Isopropyltoluene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
4-Methyl-2-pentanone(MIBK)	ND	*1.22*	ND	*4.99*	06/17/23	KCA	5	
Acetone	21.2	*2.11*	50.3	*5.01*	06/17/23	KCA	5	
Acrylonitrile	ND	*2.31*	ND	*5.01*	06/17/23	KCA	5	
Benzene	ND	*1.57*	ND	*5.01*	06/17/23	KCA	5	
Benzyl chloride	ND	*0.966*	ND	*5.00*	06/17/23	KCA	5	

Project ID: 05-003-00
Client ID: SP-1

Phoenix I.D.: CO31113

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.747*	ND	*5.00*	06/17/23	KCA	5	
Bromoform	ND	*0.484*	ND	*5.00*	06/17/23	KCA	5	
Bromomethane	ND	*1.29*	ND	*5.01*	06/17/23	KCA	5	
Carbon Disulfide	ND	*1.61*	ND	*5.01*	06/17/23	KCA	5	
Carbon Tetrachloride	ND	*0.159*	ND	*1.00*	06/17/23	KCA	5	
Chlorobenzene	ND	*1.09*	ND	*5.01*	06/17/23	KCA	5	
Chloroethane	ND	*1.90*	ND	*5.01*	06/17/23	KCA	5	
Chloroform	ND	*1.02*	ND	*4.98*	06/17/23	KCA	5	
Chloromethane	ND	*2.42*	ND	*4.99*	06/17/23	KCA	5	
Cis-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/17/23	KCA	5	
cis-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Cyclohexane	ND	*1.45*	ND	*4.99*	06/17/23	KCA	5	
Dibromochloromethane	ND	*0.587*	ND	*5.00*	06/17/23	KCA	5	
Dichlorodifluoromethane	ND	*1.01*	ND	*4.99*	06/17/23	KCA	5	
Ethanol	11.2	*2.66*	21.1	*5.01*	06/17/23	KCA	5	1
Ethyl acetate	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	1
Ethylbenzene	1.34	*1.15*	5.82	*4.99*	06/17/23	KCA	5	
Heptane	1.25	*1.22*	5.12	*5.00*	06/17/23	KCA	5	
Hexachlorobutadiene	ND	*0.469*	ND	*5.00*	06/17/23	KCA	5	
Hexane	1.91	*1.42*	6.73	*5.00*	06/17/23	KCA	5	
Isopropylalcohol	ND	*2.04*	ND	*5.01*	06/17/23	KCA	5	
Isopropylbenzene	ND	*1.02*	ND	*5.01*	06/17/23	KCA	5	
m,p-Xylene	5.94	*1.15*	25.8	*4.99*	06/17/23	KCA	5	
Methyl Ethyl Ketone	11.9	*1.70*	35.1	*5.01*	06/17/23	KCA	5	
Methyl tert-butyl ether(MTBE)	ND	*1.39*	ND	*5.01*	06/17/23	KCA	5	
Methylene Chloride	ND	*4.32*	ND	*15.0*	06/17/23	KCA	5	
n-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
o-Xylene	2.28	*1.15*	9.9	*4.99*	06/17/23	KCA	5	
Propylene	ND	*2.91*	ND	*5.01*	06/17/23	KCA	5	1
sec-Butylbenzene	ND	*0.911*	ND	*5.00*	06/17/23	KCA	5	1
Styrene	13.0	*1.17*	55.3	*4.98*	06/17/23	KCA	5	
Tetrachloroethene	84.7	*0.184*	574	*1.25*	06/17/23	KCA	5	
Tetrahydrofuran	27.7	*1.70*	81.6	*5.01*	06/17/23	KCA	5	1
Toluene	6.63	*1.33*	25.0	*5.01*	06/17/23	KCA	5	
Trans-1,2-Dichloroethene	ND	*1.26*	ND	*4.99*	06/17/23	KCA	5	
trans-1,3-Dichloropropene	ND	*1.10*	ND	*4.99*	06/17/23	KCA	5	
Trichloroethene	0.835	*0.185*	4.48	*0.99*	06/17/23	KCA	5	
Trichlorofluoromethane	ND	*0.891*	ND	*5.00*	06/17/23	KCA	5	
Trichlorotrifluoroethane	ND	*0.653*	ND	*5.00*	06/17/23	KCA	5	
Vinyl Chloride	ND	*0.390*	ND	*1.00*	06/17/23	KCA	5	
QA/QC Surrogates/Internals								
% Bromofluorobenzene (5x)	103	*%*	103	*%*	06/17/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	06/17/23	KCA	5	
% IS-Bromochloromethane (5x)	90	*%*	90	*%*	06/17/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	91	*%*	91	*%*	06/17/23	KCA	5	

Project ID: 05-003-00 Phoenix I.D.: CO31113

Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

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Phyllis Shiller, Laboratory Director

June 23, 2023

Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Canister Sampling Information

June 23, 2023

FOR: Attn:Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

Project ID: 05-003-00

SDG I.D.: GCO31110

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SV-3	CO31110	16011	6.0L	6986	06/13/23	-30	-4	43	43	0.0	-25	-3	06/15/23 11:34	06/15/23 13:34
SV-2	CO31111	12855	6.0L	10622	06/13/23	-30	-4	43	43	0.0	-28	-4	06/15/23 11:30	06/15/23 13:42
SP-2	CO31112	23871	6.0L	7039	06/13/23	-30	-5	44	44	0.0	-30	-5	06/15/23 09:30	06/15/23 11:30
SP-1	CO31113	17158	6.0L	5653	06/13/23	-30	-3	45	46	2.2	-28	-2	06/15/23 11:41	06/15/23 13:46

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 23, 2023

QA/QC Data

SDG I.D.: GCO31110

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 682925 (ppbv), QC Sample No: CO30225 (CO31110 (5X) , CO31111 (5X) , CO31112 (5X) , CO31113 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.038	ND	0.26	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.250	ND	1.36	99	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.010	ND	0.07	92	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.010	ND	0.05	94	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.075	ND	0.30	94	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.010	ND	0.04	93	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.027	ND	0.20	116	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.250	ND	1.23	92	10.2	10.3	2.08	2.10	1.0	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.010	ND	0.08	96	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.050	ND	0.30	85	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.010	ND	0.04	92	0.84	0.91	0.207	0.225	8.3	70 - 130	25
1,2-dichloropropane	ND	0.010	ND	0.05	98	26.9	28.0	5.82	6.06	4.0	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.250	ND	1.75	94	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.250	ND	1.23	102	2.87	3.14	0.585	0.640	NC	70 - 130	25
1,3-Butadiene	ND	0.250	ND	0.55	95	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.050	ND	0.30	88	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.040	ND	0.24	83	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.065	ND	0.23	109	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.250	ND	1.02	109	5.90	5.94	1.44	1.45	0.7	70 - 130	25
4-Ethyltoluene	ND	0.250	ND	1.23	89	3.82	3.72	0.778	0.758	NC	70 - 130	25
4-Isopropyltoluene	ND	0.250	ND	1.37	103	39.9	40.5	7.27	7.39	1.6	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.250	ND	1.02	104	2.87	3.08	0.701	0.752	NC	70 - 130	25
Acetone	ND	0.375	ND	0.89	92	240 E	240	101 E	101	0.0	70 - 130	25
Acrylonitrile	ND	0.250	ND	0.54	93	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.100	ND	0.32	95	1.00	1.00	0.312	0.312	NC	70 - 130	25
Benzyl chloride	ND	0.250	ND	1.29	91	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.010	ND	0.07	97	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.075	ND	0.77	96	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.070	ND	0.27	95	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.250	ND	0.78	94	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.043	ND	0.27	97	0.43	0.43	0.068	0.069	NC	70 - 130	25
Chlorobenzene	ND	0.100	ND	0.46	96	2.53	2.56	0.550	0.557	1.3	70 - 130	25
Chloroethane	ND	0.250	ND	0.66	91	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.100	ND	0.49	97	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.250	ND	0.52	96	2.25	2.06	1.09	0.997	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.100	ND	0.40	94	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.050	ND	0.23	102	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.250	ND	0.86	91	ND	ND	ND	ND	NC	70 - 130	25
Dibromochloromethane	ND	0.010	ND	0.09	97	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.250	ND	1.24	94	1.98	2.05	0.401	0.415	NC	70 - 130	25
Ethanol	ND	0.375	ND	0.71	118	768 E	763	408 E	405	0.7	70 - 130	25

QA/QC Data

SDG I.D.: GCO31110

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.250	ND	0.90	79	6.70	7.17	1.86	1.99	6.8	70 - 130	25
Ethylbenzene	ND	0.250	ND	1.08	95	8.81	9.29	2.03	2.14	5.3	70 - 130	25
Heptane	ND	0.250	ND	1.02	93	3.77	3.66	0.921	0.894	NC	70 - 130	25
Hexachlorobutadiene	ND	0.010	ND	0.11	111	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.225	ND	0.79	95	1.40	1.48	0.397	0.420	NC	70 - 130	25
Isopropylalcohol	ND	0.375	ND	0.92	98	44.2	43.5	18.0	17.7	1.7	70 - 130	25
Isopropylbenzene	ND	0.250	ND	1.23	99	ND	ND	ND	ND	NC	70 - 130	25
m,p-Xylene	ND	0.500	ND	2.17	101	42.5	45.1	9.8	10.4	5.9	70 - 130	25
Methyl Ethyl Ketone	ND	0.225	ND	0.66	92	25.8	26.6	8.77	9.04	3.0	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.250	ND	0.90	94	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	1.50	ND	5.21	95	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.250	ND	1.37	105	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.250	ND	1.08	95	15.5	16.1	3.58	3.70	3.3	70 - 130	25
Propylene	ND	0.250	ND	0.43	92	ND	ND	ND	ND	NC	70 - 130	25
sec-Butylbenzene	ND	0.250	ND	1.37	103	ND	ND	ND	ND	NC	70 - 130	25
Styrene	ND	0.100	ND	0.43	95	10.0	10.5	2.34	2.47	5.4	70 - 130	25
Tetrachloroethene	ND	0.050	ND	0.34	94	ND	0.35	ND	0.051	NC	70 - 130	25
Tetrahydrofuran	ND	0.250	ND	0.74	99	47.5	48.3	16.1	16.4	1.8	70 - 130	25
Toluene	ND	0.250	ND	0.94	95	33.7	34.4	8.94	9.13	2.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.100	ND	0.40	93	9.8	10.2	2.48	2.57	3.6	70 - 130	25
trans-1,3-Dichloropropene	ND	0.250	ND	1.13	97	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.025	ND	0.13	96	ND	ND	ND	ND	NC	70 - 130	25
Trichlorofluoromethane	ND	0.250	ND	1.40	99	ND	ND	ND	ND	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.250	ND	1.91	94	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.010	ND	0.03	93	ND	0.03	ND	0.013	NC	70 - 130	25
% Bromofluorobenzene	103	%	103	%	100	105	104	105	104	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	103	99	100	99	100	NC	60 - 140	25
% IS-Bromochloromethane	101	%	101	%	103	101	102	101	102	NC	60 - 140	25
% IS-Chlorobenzene-d5	101	%	101	%	108	101	100	101	100	NC	60 - 140	25
QA/QC Batch 683472 (ppbv), QC Sample No: CO31704 (CO31110 (1X, 10X))												
Volatiles												
% Bromofluorobenzene	101	%	101	%	100	104	102	104	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	105	%	105	%	105	101	101	101	101	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	102	101	101	101	101	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	109	104	103	104	103	NC	60 - 140	25
QA/QC Batch 683648 (ppbv), QC Sample No: CO34113 (CO31110 (40X))												
Volatiles												
Tetrahydrofuran	ND	0.340	ND	1.00	119	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	102	%	102	%	102	102	102	102	102	NC	70 - 130	25
% IS-1,4-Difluorobenzene	101	%	101	%	102	94	92	94	92	NC	60 - 140	25
% IS-Bromochloromethane	102	%	102	%	99	96	94	96	94	NC	60 - 140	25
% IS-Chlorobenzene-d5	101	%	101	%	106	95	94	95	94	NC	60 - 140	25

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 23, 2023

Friday, June 23, 2023

Criteria: NY: AIRSV

State: NY

Sample Criteria Exceedances Report

GCO31110 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CO31110	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	58.1	0.184	14.8	14.8	ppbv
CO31111	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	72.4	0.184	14.8	14.8	ppbv
CO31111	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	19.1	0.917	18.3	18.3	ppbv
CO31113	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	84.7	0.184	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 23, 2023 SDG I.D.: GCO31110

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

AIRSIM

CHEM20 06/16/23-1: CO31110, CO31111, CO31112, CO31113

The following Continuing Calibration compounds did not meet % deviation criteria: 1,4-Dichlorobenzene(sim) 36%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: 1,4-Dichlorobenzene(sim) 36%L (30%)

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823

GC-ENV

860-645-1102

email: greg@phoenixlabs.com

P.O. # 12671 Page 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: Etoylular@gcenvironmental.com
☑ Phone #: 631-206-3700

Report to:	Fulya Toylular	Project Name:	05-003-00	Data Format: (Circle) Equis Excel Other:	
Customer:	G.C. Environmental, Inc.	Invoice to:	Diana Legakis	Requested Deliverable: RCP ASP CAT B	
Address:	22 Oak Street			MCP NJ Deliverables	
14785	Bayshore, NY 11706	Sampled by:	Jeremy Samson	Quote Number:	

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
		THIS SECTION FOR LAB USE ONLY											MATRIX			ANALYSES	
		23324	6.0L	-30		0825	44										
31110	SV-3	16011	6.0L	-30	-4	6986	43	11:34	1:34	6-15	-25	-3		/	C	/	
31111	SV-2	12855	6.0L	-30	-4	10622	43	11:36	1:42	6-15	-28	-4		/	C	/	
31112	SP-2	23871	6.0L	-30	-5	7039	44	9:30	11:30	6-15	-30	-5		/	C	/	
31113	SP-1	17158	6.0L	-30	-3	5653	45	11:41	11:46	6-15	-28	-2		/	C	/	

Relinquished by:	Accepted by:	Date:	Time:
Jeremy Samson	ZM	6.16.23	9:47
ZM		6/16/23	19:00

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: Jeremy Samson Date: 6-15-23

State Where Samples Collected: NY

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(5) - 6.0L 2 hr, 5 Connectors

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☑
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air:	Indoor Air:	Vapor Intrusion	Indoor Air	Indoor Air
TAC RES	Residential	Residential		Residential	Residential
SVVC I/C	Ind/Commercial	Ind/Commercial		Non-residential	Industrial
SVVC RES	Soil Gas:	Soil Gas:			Sub-slab
GWV I/C	Residential	Residential			Residential
GWV CES	Ind/Commercial	Ind/Commercial			Industrial

G. C. Environmental, Inc.
CONSULTANTS CONTRACTORS

November 2, 2023

Mr. Ryan Richard
Assistant Geologist, Division of Environmental Remediation, Region 3
New York State Department of Environmental Conservation
21 S Putt Corners Rd, New Paltz, NY 12561
Phone: 845-256-3118 | ryan.richard@dec.ny.gov

Subject: SVE System Upgrade & Monitoring – Quarterly Sampling
101 Westmoreland Avenue
White Plains, New York 10606
Automobile Club of New York (Now Known as AAA Northeast)
GCE Project No. 05-003-00

Air Sampling

According to the approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023, one air sampling event was performed during this period. Air samples were planned to be collected at five (5) locations in the SVE system: at the SVE system blower discharge (SP-1), at the discharge of the GAC vessel (SP-2) when the SVE system was running and at the each SVE wells (SV-1 and SV-2 and SV-3) taken at the repair shop area.

Deviation from the work plan: Due to unexpected site conditions, three (3) samples (SV-1, SV-2 and SV-3) were not able to collected from these locations, instead they were collected as representative samples with three (3) former samples (SS-1, SS-2 and SS-4) locations. Due to the newly installed extraction point was installed to address contaminant of compounds at SS-4 location, that sampling has been utilized to review datas at SS-4 location and in general areas.

Lab results dated September 26, 2023 indicates that the contaminant of compounds at SS-4 location significantly decreased from the latest sampling event dated June 3,2022. The 1,1,1-Trichloroethane has been decreased from 1,090 ug/m^3 to 15.5 ug/m^3 and Tetrachloroethene has been decreased from 3,280 ug/m^3 to 254 ug/m^3.

The air samples were collected using SUMMA canisters over an elapsed time of 2 hour (at this time canisters were provided with a 2-hours regulator). The air samples were boxed and shipped to the Phoenix Environmental Laboratories (PEL), a New York State ELAP - approved laboratory for analysis of VOC using EPA Method TO-15. PID readings were 0.00 ppm at all sampling locations (Please refer to Figures, Table 1: Air Sample Results, Appendix A: Lab Analytical Results).

Based on these findings, we propose to turn off the system and repeat the original SVE system evaluation work report – 2nd amended dated Oct 27th, 2022 and perform monitoring for a period

of 12-months/quarterly basis as stated on the approved SVE System Upgrade & Monitoring Work Plan dated February 15, 2023.

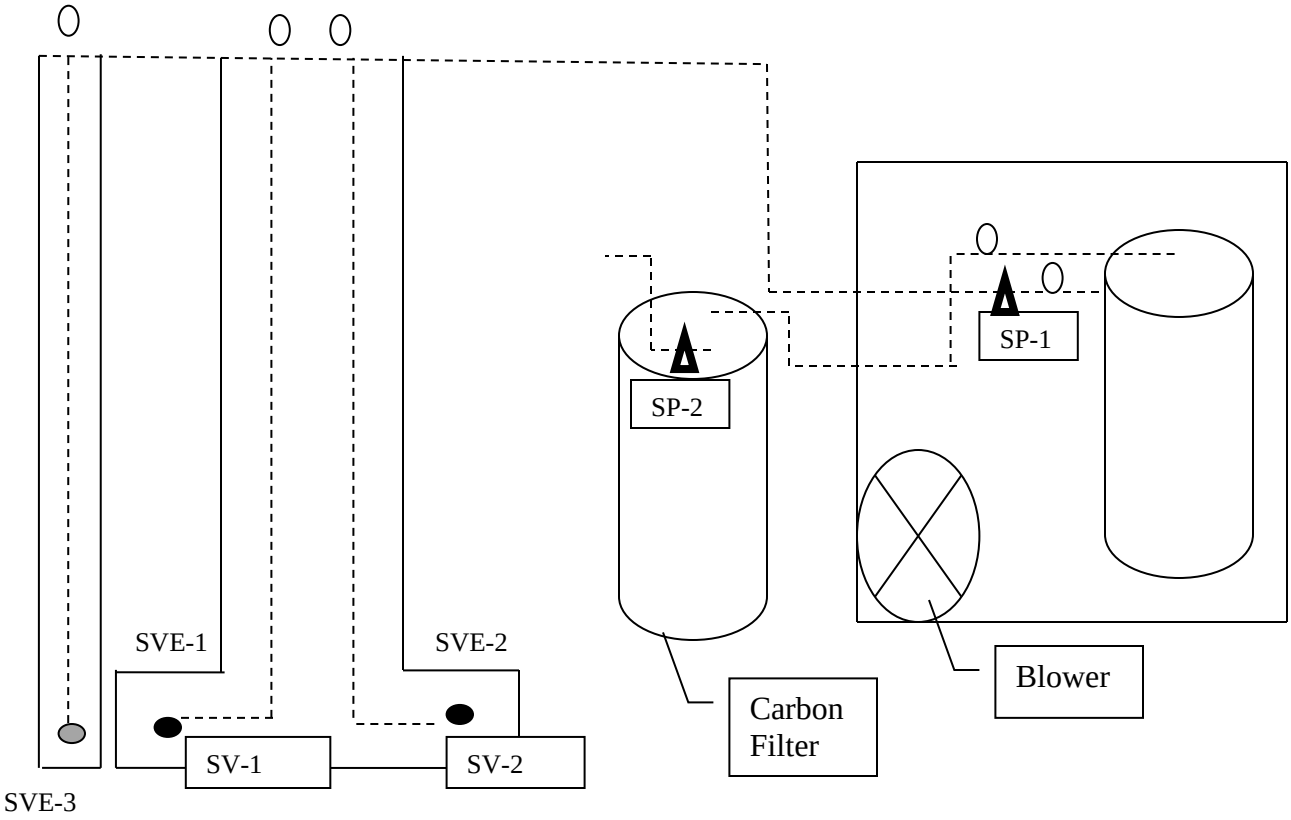
If you have any questions concerning this project, please feel free to call me at (631) 206-3700 ext 106.

Very truly yours,



Fulya Toylular,
Project Manager

LIST OF FIGURES



LEGEND:

- Newly Installed Soil Vapor Extraction Well
- Existing Soil Vapor Extraction Well
- Manifold Vacuum Gauge
- System Piping

Note: This period of sampling, SV-3 sample was collected at SS-4

Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.
CONSULTANTS

22 OAK STREET
BAY SHORE, NEW YORK 11706

TEL: (631) 206-3700
FAX: (631) 206-3729

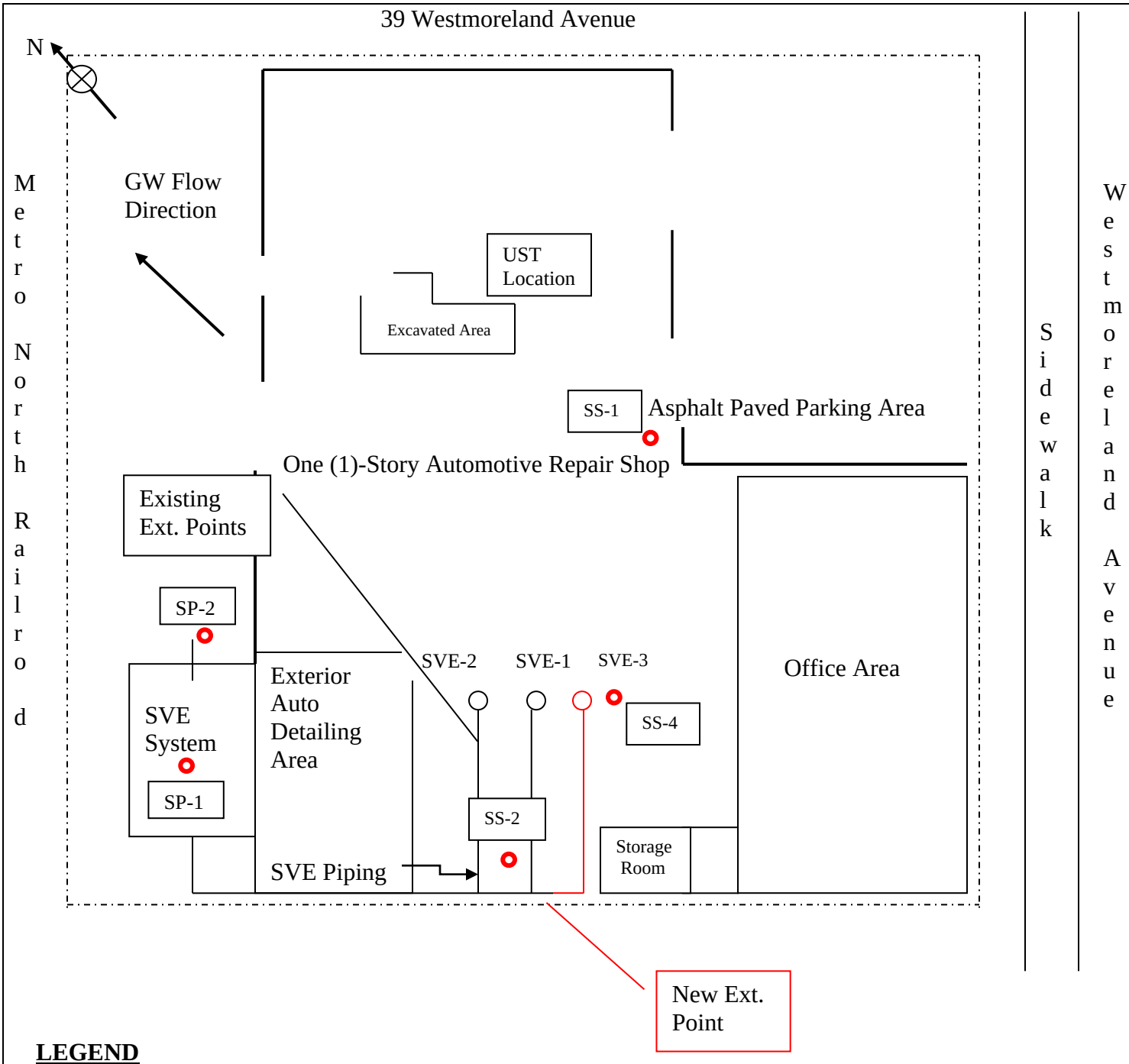
SVE SYSTEM DIAGRAM/
SAMPLING MAP

101 WESTMORELAND AVENUE
WHITE PLAINS, NY 10606

GCE PROJECT NO.: 05-003-00

FIGURE 1

SVE SYSTEM
DIAGRAM



LEGEND

- Air Sampling Location
- Property Line

Note: Drawings is not scaled. All locations are approximate.

G. C. Environmental, Inc.

22 Oak Street
Bay Shore, New York 11706

Tel: (631) 206-3700
Fax: (631) 206-3729

SITE MAP WITH ADDITIONAL EXTRACTION POINT/SAMPLING MAP

101 Westmoreland Avenue
White Plains, NY 10606

GCE Project No.: 05-003-00

FIGURE 2

SITE MAP

LIST OF TABLES

G. C. Environmental, Inc.
Job Adress:
101 Westmoreland Avenue
White Plains, NY 10606

GCE Project No:05-003-00

Table 1: Summary of Detected Compounds / Air Samples

	Lab Sample Id / Collection Date / Client Id / Matrix		NYSDOH AGV	NYSDOH Matrix A	NYSDOH Matrix B	NYSDOH Matrix C	CK80342 6/3/2022 SS-4 Air		CK80340 9/26/2023 SS-4 Air	
	CAS	Units					Result	RL	Result	RL
Volatiles (TO15) By TO15										
1,1,1,2-Tetrachloroethane	630-20-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1,1-Trichloroethane	71-55-6	ug/m3	NS	NS	3 (IA)/100 (SS)	NS	1,090	30.0	15.5	1.00
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1,2-Trichloroethane	79-00-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethane	75-34-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,1-Dichloroethene	75-35-4	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	< 0.20	0.20	< 0.20	0.20
1,2,4-Trichlorobenzene	120-82-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2,4-Trimethylbenzene	95-63-6	ug/m3	NS	NS	NS	NS	27.4	1.00	9.19	1.00
1,2-Dibromoethane(EDB)	106-93-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorobenzene	95-50-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichloroethane	107-06-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-dichloropropane	78-87-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,2-Dichlorotetrafluoroethane	76-14-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,3,5-Trimethylbenzene	108-67-8	ug/m3	NS	NS	NS	NS	6.14	1.00	2.22	1.00
1,3-Butadiene	106-99-0	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,3-Dichlorobenzene	541-73-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,4-Dichlorobenzene	106-46-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
1,4-Dioxane	123-91-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
2-Hexanone(MBK)	591-78-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
4-Ethyltoluene	622-96-8	ug/m3	NS	NS	NS	NS	16.6	1.00	6.53	1.00
4-Isopropyltoluene	99-87-6	ug/m3	NS	NS	NS	NS	1.74	1.00	< 1.00	1.00
4-Methyl-2-pentanone(MIBK)	108-10-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Acetone	67-64-1	ug/m3	NS	NS	NS	NS	12.9	1.00	7.45	1.00
Acrylonitrile	107-13-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Benzene	71-43-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Benzyl chloride	100-44-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromodichloromethane	75-27-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromoform	75-25-2	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Bromomethane	74-83-9	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Carbon Disulfide	75-15-0	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Carbon Tetrachloride	56-23-5	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	0.42	0.20	0.39	0.20
Chlorobenzene	108-90-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloroethane	75-00-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloroform	67-66-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Chloromethane	74-87-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Cis-1,2-Dichloroethene	156-59-2	ug/m3	NS	0.2 (IA)/6(SS)	NS	NS	< 0.20	0.20	< 0.20	0.20
cis-1,3-Dichloropropene	10061-01-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Cyclohexane	110-82-7	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Dibromochloromethane	124-48-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Dichlorodifluoromethane	75-71-8	ug/m3	NS	NS	NS	NS	9.09	1.00	2.41	1.00
Ethanol	64-17-5	ug/m3	NS	NS	NS	NS	3.45	1.00	2.86	1.00
Ethyl acetate	141-78-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Ethylbenzene	100-41-4	ug/m3	NS	NS	NS	NS	4.2	1.00	2.88	1.00
Heptane	142-82-5	ug/m3	NS	NS	NS	NS	5.49	1.00	< 1.00	1.00
Hexachlorobutadiene	87-68-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Hexane	110-54-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Isopropylalcohol	67-63-0	ug/m3	NS	NS	NS	NS	2.9	1.00	2.58	1.00
Isopropylbenzene	98-82-8	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
m,p-Xylene	179601-23-1	ug/m3	NS	NS	NS	NS	25.3	1.00	12	1.00
Methyl Ethyl Ketone	78-93-3	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Methyl tert-butyl ether(MTBE)	1634-04-4	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Methylene Chloride	75-09-2	ug/m3	60	NS	3 (IA)/100 (SS)	NS	< 3.00	3.00	< 3.00	3.00
n-Butylbenzene	104-51-8	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
o-Xylene	95-47-6	ug/m3	NS	NS	NS	NS	13.8	1.00	4.64	1.00
Propylene	115-07-1	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
sec-Butylbenzene	135-98-8	ug/m3	NS	NS	NS	NS	1.02	1.00	< 1.00	1.00
Styrene	100-42-5	ug/m3	NS	NS	NS	NS	135	1.00	112	1.00
Tetrachloroethene	127-18-4	ug/m3	30	NS	3 (IA)/100 (SS)	NS	3,280	7.52	254	1.25
Tetrahydrofuran	109-99-9	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Toluene	108-88-3	ug/m3	NS	NS	NS	NS	5.2	1.00	5.76	1.00
Trans-1,2-Dichloroethene	156-60-5	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
trans-1,3-Dichloropropene	10061-02-6	ug/m3	NS	NS	NS	NS	< 1.00	1.00	< 1.00	1.00
Trichloroethene	79-01-6	ug/m3	2	0.2 (IA)/6(SS)	NS	NS	1.7	0.20	2.33	0.20
Trichlorofluoromethane	75-69-4	ug/m3	NS	NS	NS	NS	1.61	1.00	1.29	1.00
Trichlorotrifluoroethane	76-13-1	ug/m3	NS	NS	NS	NS	5.28	1.00	< 1.00	1.00
Vinyl Chloride	75-01-4	ug/m4	0.39	NS	NS	0.2 (IA)/6(SS)			< 0.20	0.20

	Detected Compounds
	Air Guideline Values According to NSDOH Final Guidance on Soil Vapor Intrusion (Oct 2016) Table 3.1
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix A
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix B
	Applicable Compounds According to NSDOH Final Guidance on Soil Vapor Intrusion (May 2017) Matrix C
NS	No Standards

APPENDIX A
Lab Analytical Results

PHOENIX
Environmental Laboratories, Inc.

Thursday, November 02, 2023

Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: AAA AUTOMOBILE CLUB OF NY
SDG ID: GCP10191
Sample ID#s: CP10191 - CP10195

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Sample Id Cross Reference

November 02, 2023

SDG I.D.: GCP10191

Project ID: AAA AUTOMOBILE CLUB OF NY

Client Id	Lab Id	Matrix
SS-1	CP10191	AIR
SP-2	CP10192	AIR
SP-1	CP10193	AIR
SS-2	CP10194	AIR
SS-4	CP10195	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:25
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	28595				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10191

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	0.445	*0.183*	2.43	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.67	*0.204*	8.20	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.394	*0.204*	1.94	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.14	*0.204*	5.60	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	1.49	*0.421*	3.54	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10191

Client ID: SS-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.055	*0.032*	0.35	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.451	*0.202*	2.23	*1.00*	09/28/23	KCA	1	
Ethanol	1.92	*0.531*	3.62	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.527	*0.230*	2.29	*1.00*	09/28/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	0.745	*0.407*	1.83	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.31	*0.230*	10.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	0.864	*0.230*	3.75	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	22.9	*0.235*	97.5	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	13.1	*0.037*	88.8	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	0.954	*0.266*	3.59	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.071	*0.037*	0.38	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.224	*0.178*	1.26	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	103	*%*	103	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	101	*%*	101	*%*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY
Phoenix I.D.: CP10191

Client ID: SS-1

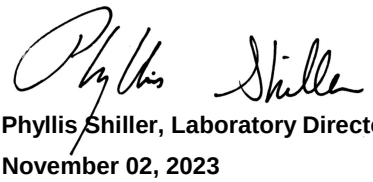
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 02, 2023

Reviewed and Released by: Sarah Bell, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:00
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	23350				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10192

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.21	*0.204*	5.94	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.330	*0.204*	1.62	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	0.964	*0.204*	4.74	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	17.7	*0.421*	42.0	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	0.422	*0.313*	1.35	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10192

Client ID: SP-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.065	*0.032*	0.41	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	0.557	*0.485*	1.15	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.418	*0.202*	2.07	*1.00*	09/28/23	KCA	1	
Ethanol	35.8	*0.531*	67.4	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.935	*0.230*	4.06	*1.00*	09/28/23	KCA	1	
Heptane	0.503	*0.244*	2.06	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	0.482	*0.284*	1.70	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.29	*0.407*	3.17	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	0.246	*0.204*	1.21	*1.00*	09/28/23	KCA	1	
m,p-Xylene	3.44	*0.230*	14.9	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	1.78	*0.339*	5.25	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	1.24	*0.230*	5.38	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	7.84	*0.235*	33.4	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	0.574	*0.037*	3.89	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	3.43	*0.266*	12.9	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.046	*0.037*	0.25	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.226	*0.178*	1.27	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	104	*%*	104	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-2

Phoenix I.D.: CP10192

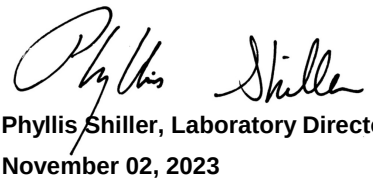
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:05
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	17156				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10193

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	16.3	*0.183*	88.9	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	0.099	*0.051*	0.39	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	2.84	*0.204*	14.0	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.749	*0.204*	3.68	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	2.31	*0.204*	11.3	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	0.261	*0.182*	1.43	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	8.95	*0.421*	21.2	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	0.738	*0.313*	2.36	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10193

Client ID: SP-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.065	*0.032*	0.41	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	0.523	*0.205*	2.55	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	0.055	*0.051*	0.22	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.586	*0.202*	2.90	*1.00*	09/28/23	KCA	1	
Ethanol	6.87	*0.531*	12.9	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	1.84	*0.230*	7.98	*1.00*	09/28/23	KCA	1	
Heptane	0.796	*0.244*	3.26	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	0.799	*0.284*	2.81	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.20	*0.407*	2.95	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	0.365	*0.204*	1.79	*1.00*	09/28/23	KCA	1	
m,p-Xylene	7.22	*0.230*	31.3	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	1.21	*0.339*	3.57	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	2.62	*0.230*	11.4	*1.00*	09/28/23	KCA	1	
Propylene	1.53	*0.581*	2.63	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	33.2	*0.235*	141	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	95.2	*0.184*	645	*1.25*	09/28/23	KCA	5	
Tetrahydrofuran	33.8	*0.339*	100	*1.00*	09/28/23	KCA	1	1
Toluene	6.44	*0.266*	24.3	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	1.05	*0.037*	5.64	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.245	*0.178*	1.38	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	0.132	*0.131*	1.01	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	102	*%*	102	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	97	*%*	97	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	102	*%*	102	*%*	09/28/23	KCA	1	
% Bromofluorobenzene (5x)	104	*%*	104	*%*	09/28/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	96	*%*	96	*%*	09/28/23	KCA	5	
% IS-Bromochloromethane (5x)	95	*%*	95	*%*	09/28/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	97	*%*	97	*%*	09/28/23	KCA	5	

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SP-1

Phoenix I.D.: CP10193

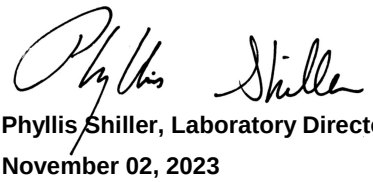
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:20
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	456				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10194

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	2.33	*0.183*	12.7	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.53	*0.204*	7.52	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.353	*0.204*	1.73	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.08	*0.204*	5.31	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	8.67	*0.421*	20.6	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Project ID: AAA AUTOMOBILE CLUB OF NY

Phoenix I.D.: CP10194

Client ID: SS-2

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.061	*0.032*	0.38	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.455	*0.202*	2.25	*1.00*	09/28/23	KCA	1	
Ethanol	1.75	*0.531*	3.30	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.596	*0.230*	2.59	*1.00*	09/28/23	KCA	1	
Heptane	0.252	*0.244*	1.03	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	0.850	*0.407*	2.09	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.31	*0.230*	10.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	0.884	*0.230*	3.84	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	19.5	*0.235*	83.0	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	10.6	*0.037*	71.8	*0.25*	09/28/23	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	1.22	*0.266*	4.59	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.044	*0.037*	0.24	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.216	*0.178*	1.21	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	106	*%*	106	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	100	*%*	100	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-2

Phoenix I.D.: CP10194

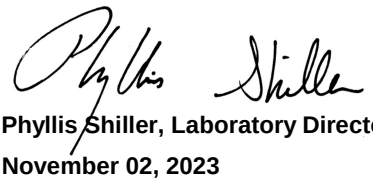
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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Phyllis Shiller, Laboratory Director
November 02, 2023
Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	TL	09/26/23	13:23
Location Code:	GC-ENV	Received by:	CP	09/27/23	17:15
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12788				
Canister Id:	16004				

Laboratory Data

SDG ID: GCP10191
Phoenix ID: CP10195

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	1
1,1,1-Trichloroethane	2.84	*0.183*	15.5	*1.00*	09/28/23	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	09/28/23	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	09/28/23	KCA	1	
1,2,4-Trimethylbenzene	1.87	*0.204*	9.19	*1.00*	09/28/23	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	09/28/23	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	09/28/23	KCA	1	
1,3,5-Trimethylbenzene	0.452	*0.204*	2.22	*1.00*	09/28/23	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	09/28/23	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	09/28/23	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	1
4-Ethyltoluene	1.33	*0.204*	6.53	*1.00*	09/28/23	KCA	1	1
4-Isopropyltoluene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Acetone	3.14	*0.421*	7.45	*1.00*	09/28/23	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	09/28/23	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	09/28/23	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	09/28/23	KCA	1	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Client ID: SS-4

Phoenix I.D.: CP10195

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	09/28/23	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	09/28/23	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	09/28/23	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	09/28/23	KCA	1	
Carbon Tetrachloride	0.062	*0.032*	0.39	*0.20*	09/28/23	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	09/28/23	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	09/28/23	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	09/28/23	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	09/28/23	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	09/28/23	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	09/28/23	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	09/28/23	KCA	1	
Dichlorodifluoromethane	0.487	*0.202*	2.41	*1.00*	09/28/23	KCA	1	
Ethanol	1.52	*0.531*	2.86	*1.00*	09/28/23	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	1
Ethylbenzene	0.663	*0.230*	2.88	*1.00*	09/28/23	KCA	1	
Heptane	ND	*0.244*	ND	*1.00*	09/28/23	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	09/28/23	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	09/28/23	KCA	1	
Isopropylalcohol	1.05	*0.407*	2.58	*1.00*	09/28/23	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	09/28/23	KCA	1	
m,p-Xylene	2.77	*0.230*	12.0	*1.00*	09/28/23	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	09/28/23	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	09/28/23	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
o-Xylene	1.07	*0.230*	4.64	*1.00*	09/28/23	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	09/28/23	KCA	1	1
sec-Butylbenzene	ND	*0.182*	ND	*1.00*	09/28/23	KCA	1	1
Styrene	26.3	*0.235*	112	*1.00*	09/28/23	KCA	1	
Tetrachloroethene	37.5	*0.184*	254	*1.25*	09/28/23	KCA	5	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	09/28/23	KCA	1	1
Toluene	1.53	*0.266*	5.76	*1.00*	09/28/23	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	09/28/23	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	09/28/23	KCA	1	
Trichloroethene	0.434	*0.037*	2.33	*0.20*	09/28/23	KCA	1	
Trichlorofluoromethane	0.230	*0.178*	1.29	*1.00*	09/28/23	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	09/28/23	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	09/28/23	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	106	*%*	106	*%*	09/28/23	KCA	1	
% IS-1,4-Difluorobenzene	99	*%*	99	*%*	09/28/23	KCA	1	
% IS-Bromochloromethane	97	*%*	97	*%*	09/28/23	KCA	1	
% IS-Chlorobenzene-d5	99	*%*	99	*%*	09/28/23	KCA	1	
% Bromofluorobenzene (5x)	106	*%*	106	*%*	09/28/23	KCA	5	
% IS-1,4-Difluorobenzene (5x)	97	*%*	97	*%*	09/28/23	KCA	5	
% IS-Bromochloromethane (5x)	96	*%*	96	*%*	09/28/23	KCA	5	
% IS-Chlorobenzene-d5 (5x)	98	*%*	98	*%*	09/28/23	KCA	5	

Ver 1

Project ID: AAA AUTOMOBILE CLUB OF NY
Phoenix I.D.: CP10195

Client ID: SS-4

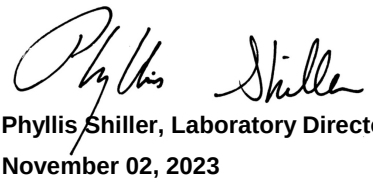
Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

November 02, 2023

Reviewed and Released by: Sarah Bell, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Canister Sampling Information

November 02, 2023

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

SDG I.D.: GCP10191

Project ID: AAA AUTOMOBILE CLUB OF NY

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
SS-1	CP10191	28595	6.0L	5392	09/15/23	-30	-7	43	44	2.3	-29	-7	09/26/23 11:25	09/26/23 13:25
SP-2	CP10192	23350	6.0L	5350	09/15/23	-30	-9	43	43	0.0	-30	-9	09/26/23 11:00	09/26/23 13:00
SP-1	CP10193	17156	6.0L	3250	09/15/23	-30	-4	44	44	0.0	-31	-4	09/26/23 11:05	09/26/23 13:05
SS-2	CP10194	456	6.0L	0825	09/15/23	-30	-7	43	43	0.0	-31	-7	09/26/23 11:20	09/26/23 13:20
SS-4	CP10195	16004	6.0L	10620	09/15/23	-30	-4	45	45	0.0	-30	-4	09/26/23 11:23	09/26/23 13:23

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

November 02, 2023

QA/QC Data

SDG I.D.: GCP10191

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 699161 (ppbv), QC Sample No: CP10183 (CP10193 (5X) , CP10195 (5X))												
Volatiles												
Tetrachloroethene	ND	0.037	ND	0.25	102	0.44	0.45	0.065	0.066	NC	70 - 130	25
% Bromofluorobenzene	104	%	104	%	100	105	105	105	105	NC	70 - 130	25
% IS-1,4-Difluorobenzene	104	%	104	%	99	106	101	106	101	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	98	106	101	106	101	NC	60 - 140	25
% IS-Chlorobenzene-d5	102	%	102	%	107	105	101	105	101	NC	60 - 140	25
QA/QC Batch 699375 (ppbv), QC Sample No: CP10191 (CP10191, CP10192, CP10193, CP10194, CP10195)												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	106	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	102	2.43	2.49	0.445	0.456	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	103	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	98	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	108	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	121	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	105	8.20	8.30	1.67	1.69	1.2	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	104	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	105	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	108	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	1.94	1.82	0.394	0.370	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	102	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	108	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	97	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	105	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	106	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	103	5.60	5.70	1.14	1.16	1.7	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	105	3.54	3.63	1.49	1.53	NC	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	113	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	99	ND	ND	ND	ND	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	102	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	106	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	102	0.35	0.35	0.055	0.055	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	100	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCP10191

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
Chloromethane	ND	0.480	ND	0.99	106	ND	ND	ND	ND	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	102	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	103	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	95	ND	ND	ND	ND	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	107	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	108	2.23	2.19	0.451	0.444	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	155	3.62	3.50	1.92	1.86	NC	70 - 130	25	I
Ethyl acetate	ND	0.280	ND	1.01	69	ND	ND	ND	ND	NC	70 - 130	25	I
Ethylbenzene	ND	0.230	ND	1.00	98	2.29	2.30	0.527	0.531	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	101	ND	ND	ND	ND	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	122	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.280	ND	0.99	98	ND	ND	ND	ND	NC	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	117	1.83	1.83	0.745	0.743	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	103	10.0	10.2	2.31	2.36	2.1	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	100	ND	ND	ND	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	101	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	110	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	111	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	99	3.75	3.78	0.864	0.870	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	114	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	100	97.5	98.8	22.9	23.2	1.3	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	103	88.8	88.1	13.1	13.0	0.8	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	107	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	103	3.59	3.61	0.954	0.958	NC	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	97	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	105	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	103	0.38	0.38	0.071	0.071	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	108	1.26	1.24	0.224	0.221	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	108	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	107	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	101	%	101	%	98	103	104	103	104	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	106	%	106	%	98	100	99	100	99	NC	60 - 140	25	
% IS-Bromochloromethane	107	%	107	%	99	100	98	100	98	NC	60 - 140	25	
% IS-Chlorobenzene-d5	103	%	103	%	107	101	100	101	100	NC	60 - 140	25	

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
November 02, 2023

Thursday, November 02, 2023

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCP10191 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP10191	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	13.1	0.037	0.443	0.443	ppbv
CP10191	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.071	0.037	0.037	0.037	ppbv
CP10191	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.055	0.032	0.032	0.032	ppbv
CP10192	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.065	0.032	0.032	0.032	ppbv
CP10192	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.574	0.037	0.443	0.443	ppbv
CP10192	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.046	0.037	0.037	0.037	ppbv
CP10193	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	95.2	0.184	0.443	0.443	ppbv
CP10193	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	16.3	0.183	0.55	0.55	ppbv
CP10193	$AIR_NYTO15	1,1-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.099	0.051	0.051	0.051	ppbv
CP10193	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.065	0.032	0.032	0.032	ppbv
CP10193	$AIR_NYTO15	Cis-1,2-Dichloroethene	NY / Air Guideline Values / Indoor Air	0.055	0.051	0.051	0.051	ppbv
CP10193	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	1.05	0.037	0.037	0.037	ppbv
CP10193	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	95.2	0.184	14.8	14.8	ppbv
CP10194	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	2.33	0.183	0.55	0.55	ppbv
CP10194	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.061	0.032	0.032	0.032	ppbv
CP10194	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	10.6	0.037	0.443	0.443	ppbv
CP10194	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.044	0.037	0.037	0.037	ppbv
CP10195	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.434	0.037	0.037	0.037	ppbv
CP10195	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	2.84	0.183	0.55	0.55	ppbv
CP10195	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.062	0.032	0.032	0.032	ppbv
CP10195	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	37.5	0.184	0.443	0.443	ppbv
CP10195	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	37.5	0.184	14.8	14.8	ppbv

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

November 02, 2023 SDG I.D.: GCP10191

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

PHOENIX Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
GC-ENV

CHAIN OF CUSTODY RECORD
AIR ANALYSES

860-645-1102
email: greg@phoenixlabs.com

P.O. # 12788 Page 1 of 1

Data Delivery:
☐ Fax #:
☒ Email: FtoylularGCenvironmental.com
☒ Phone #: 631 206 3700

Report to: Fulya Toylular
Customer: G.C. Environmental, Inc.
Address: 22 Oak Street
15011 Bayshore, NY 11706

Project Name: [redacted] Automobile Club of NY (AAA-Service Station)
Invoice to: Dianna Legahi's
Sampled by: Tyler LaSorsa

Data Format: (Circle) Equis Excel Other: PDF
Requested Deliverable:
RCP ASP CAT B
MCP NJ Deliverables
Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES	
10191	[redacted] SV-1 SS-1	28595	6.0L	-30	-7	5392	43	11:25	13:25	9/26/23	-29	-7		X	G	X	
10192	SP-2	23350	6.0L	-30	-9	5350	43	11:00	13:00		-30	-9		X	G	X	
10193	SP-1	17156	6.0L	-30	-4	3250	44	11:05	13:05		-31	-4		X	G	X	
10194	SV-2 SS-2	456	6.0L	-30	-7	0825	43	11:20	13:20		-31	-7		X	G	X	
10195	SV-3 SS-4	16004	6.0L	-30	-4	10620	45	11:23	13:23	↓	-30	-4					
		23324	6.0L	-30	—	7039	43	—	—	—	—	—					

Relinquished by: Tyler LaSorsa — Date: 9/27/23 — Time: 12:30
Accepted by: — Date: 9-27-23 — Time: 230

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: [redacted] Date: 9/26/23

State Where Samples Collected: New York

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(6) - 6.0L 2 hr, 6 Connectors — Only 5 containers used, 1 container un-opened. (23324)

9127123 17:15

Turnaround Time:
1 Day* ☐
2 Day* ☐
3 Day* ☐
4 Day* ☐
5 Day* ☐
Standard ☒
*SURCHARGES MAY APPLY

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air: Residential	Indoor Air: Residential	Vapor Intrusion	Indoor Air Residential	Indoor Air Residential
TAC RES	Ind/Commercial	Ind/Commercial		Non-residential	Industrial
SVVC I/C	Soil Gas: Residential	Soil Gas: Residential			Sub-slab Residential
SVVC RES	Ind/Commercial	Ind/Commercial			Industrial
GWV I/C					
GWV CES					

PHOENIX
Environmental Laboratories, Inc.

Thursday, June 09, 2022

Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 05-003-00
SDG ID: GCL48939
Sample ID#s: CL48939 - CL48941

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
UT Lab Registration #CT00007
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

June 09, 2022

SDG I.D.: GCL48939

Project ID: 05-003-00

Client Id	Lab Id	Matrix
IA-1	CL48939	AIR
SS-8	CL48940	AIR
SS-4	CL48941	AIR

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:14
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	493				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48939

Project ID: 05-003-00
Client ID: IA-1

Parameter	ppbv Result	ppbv RL		ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)									
1,1,1,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	ND	*0.183*		ND	*1.00*	06/07/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*		ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*		ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*		ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*		ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*		ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	3.06	*0.204*		15.0	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*		ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*		ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*		ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	0.841	*0.204*		4.13	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*		ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*		ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*		ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*		ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	3.10	*0.204*		15.2	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	ND	*0.182*		ND	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	0.512	*0.244*		2.10	*1.00*	06/07/22	KCA	1	
Acetone	178	*0.421*	E	423	*1.00*	06/07/22	KCA	1	
Acrylonitrile	ND	*0.461*		ND	*1.00*	06/07/22	KCA	1	
Benzene	2.26	*0.313*		7.22	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*		ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: IA-1

Phoenix I.D.: CL48939

Parameter	ppbv Result		ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND		*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND		*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND		*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND		*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.073		*0.032*	0.46	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND		*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND		*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND		*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	0.687		*0.485*	1.42	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND		*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	ND		*0.291*	ND	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND		*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	0.450		*0.202*	2.22	*1.00*	06/07/22	KCA	1	
Ethanol	170	E	*0.531*	320	*1.00*	06/07/22	KCA	1	1
Ethyl acetate	ND		*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	3.37		*0.230*	14.6	*1.00*	06/07/22	KCA	1	
Heptane	17.3		*0.244*	70.9	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND		*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	3.37		*0.284*	11.9	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	3.22		*0.407*	7.91	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	0.274		*0.204*	1.35	*1.00*	06/07/22	KCA	1	
m,p-Xylene	12.4		*0.230*	53.8	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	0.585		*0.339*	1.72	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND		*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND		*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND		*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	4.35		*0.230*	18.9	*1.00*	06/07/22	KCA	1	
Propylene	4.88		*0.581*	8.39	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	ND		*0.182*	ND	*1.00*	06/07/22	KCA	1	1
Styrene	0.688		*0.235*	2.93	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	0.061		*0.037*	0.41	*0.25*	06/07/22	KCA	1	
Tetrahydrofuran	ND		*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	26.8		*0.266*	101	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND		*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND		*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.053		*0.037*	0.28	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.227		*0.178*	1.27	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	ND		*0.131*	ND	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND		*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals									
% Bromofluorobenzene	89		*%*	89	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	96		*%*	96	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	95		*%*	95	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	109		*%*	109	*%*	06/07/22	KCA	1	

Project ID: 05-003-00 Phoenix I.D.: CL48939

Client ID: IA-1

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

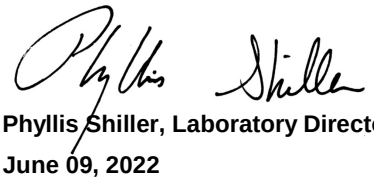
1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

E = Estimated value quantitated above calibration range for this compound.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 09, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:19
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	369				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48940

Project ID: 05-003-00
Client ID: SS-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	0.334	*0.183*	1.82	*1.00*	06/07/22	KCA	1	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	8.41	*0.204*	41.3	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	2.03	*0.204*	10.0	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	5.91	*0.204*	29.0	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	0.437	*0.182*	2.40	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	
Acetone	166	*2.11*	394	*5.01*	06/07/22	KCA	5	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/07/22	KCA	1	
Benzene	1.54	*0.313*	4.92	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: SS-8

Phoenix I.D.: CL48940

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.076	*0.032*	0.48	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	2.57	*0.291*	8.84	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	0.485	*0.202*	2.40	*1.00*	06/07/22	KCA	1	
Ethanol	89.1	*2.66*	168	*5.01*	06/07/22	KCA	5	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	3.78	*0.230*	16.4	*1.00*	06/07/22	KCA	1	
Heptane	11.4	*0.244*	46.7	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	3.49	*0.284*	12.3	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	2.16	*0.407*	5.31	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	0.402	*0.204*	1.97	*1.00*	06/07/22	KCA	1	
m,p-Xylene	16.1	*0.230*	69.9	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	0.568	*0.339*	1.67	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	6.98	*0.230*	30.3	*1.00*	06/07/22	KCA	1	
Propylene	3.88	*0.581*	6.67	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	0.283	*0.182*	1.55	*1.00*	06/07/22	KCA	1	1
Styrene	37.7	*0.235*	160	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	0.616	*0.037*	4.18	*0.25*	06/07/22	KCA	1	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	17.9	*0.266*	67.4	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.091	*0.037*	0.49	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.243	*0.178*	1.36	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	ND	*0.131*	ND	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	97	*%*	97	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	107	*%*	107	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	105	*%*	105	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	118	*%*	118	*%*	06/07/22	KCA	1	
% Bromofluorobenzene (5x)	95	*%*	95	*%*	06/07/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	90	*%*	90	*%*	06/07/22	KCA	5	
% IS-Bromochloromethane (5x)	91	*%*	91	*%*	06/07/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	94	*%*	94	*%*	06/07/22	KCA	5	

Ver 1

Project ID: 05-003-00 Phoenix I.D.: CL48940

Client ID: SS-8

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.



Phyllis Shiller, Laboratory Director

June 09, 2022

Reviewed and Released by: Rashmi Makol, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	AIR	Collected by:	JS	06/03/22	10:32
Location Code:	GC-ENV	Received by:	SW	06/06/22	16:27
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12304				
Canister Id:	23343				

Laboratory Data

SDG ID: GCL48939
Phoenix ID: CL48941

Project ID: 05-003-00
Client ID: SS-4

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Volatiles (TO15)								
1,1,1,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	1
1,1,1-Trichloroethane	199	*5.50*	1090	*30.0*	06/08/22	KCA	30	
1,1,2,2-Tetrachloroethane	ND	*0.146*	ND	*1.00*	06/07/22	KCA	1	
1,1,2-Trichloroethane	ND	*0.183*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,1-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
1,2,4-Trichlorobenzene	ND	*0.135*	ND	*1.00*	06/07/22	KCA	1	
1,2,4-Trimethylbenzene	5.58	*0.204*	27.4	*1.00*	06/07/22	KCA	1	
1,2-Dibromoethane(EDB)	ND	*0.130*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichloroethane	ND	*0.247*	ND	*1.00*	06/07/22	KCA	1	
1,2-dichloropropane	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
1,2-Dichlorotetrafluoroethane	ND	*0.143*	ND	*1.00*	06/07/22	KCA	1	
1,3,5-Trimethylbenzene	1.25	*0.204*	6.14	*1.00*	06/07/22	KCA	1	
1,3-Butadiene	ND	*0.452*	ND	*1.00*	06/07/22	KCA	1	
1,3-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dichlorobenzene	ND	*0.166*	ND	*1.00*	06/07/22	KCA	1	
1,4-Dioxane	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
2-Hexanone(MBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	1
4-Ethyltoluene	3.37	*0.204*	16.6	*1.00*	06/07/22	KCA	1	1
4-Isopropyltoluene	0.318	*0.182*	1.74	*1.00*	06/07/22	KCA	1	1
4-Methyl-2-pentanone(MIBK)	ND	*0.244*	ND	*1.00*	06/07/22	KCA	1	
Acetone	5.44	*0.421*	12.9	*1.00*	06/07/22	KCA	1	
Acrylonitrile	ND	*0.461*	ND	*1.00*	06/07/22	KCA	1	
Benzene	ND	*0.313*	ND	*1.00*	06/07/22	KCA	1	
Benzyl chloride	ND	*0.193*	ND	*1.00*	06/07/22	KCA	1	

Project ID: 05-003-00
Client ID: SS-4

Phoenix I.D.: CL48941

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution	
Bromodichloromethane	ND	*0.149*	ND	*1.00*	06/07/22	KCA	1	
Bromoform	ND	*0.097*	ND	*1.00*	06/07/22	KCA	1	
Bromomethane	ND	*0.258*	ND	*1.00*	06/07/22	KCA	1	
Carbon Disulfide	ND	*0.321*	ND	*1.00*	06/07/22	KCA	1	
Carbon Tetrachloride	0.067	*0.032*	0.42	*0.20*	06/07/22	KCA	1	
Chlorobenzene	ND	*0.217*	ND	*1.00*	06/07/22	KCA	1	
Chloroethane	ND	*0.379*	ND	*1.00*	06/07/22	KCA	1	
Chloroform	ND	*0.205*	ND	*1.00*	06/07/22	KCA	1	
Chloromethane	ND	*0.485*	ND	*1.00*	06/07/22	KCA	1	
Cis-1,2-Dichloroethene	ND	*0.051*	ND	*0.20*	06/07/22	KCA	1	
cis-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Cyclohexane	ND	*0.291*	ND	*1.00*	06/07/22	KCA	1	
Dibromochloromethane	ND	*0.118*	ND	*1.00*	06/07/22	KCA	1	
Dichlorodifluoromethane	1.84	*0.202*	9.09	*1.00*	06/07/22	KCA	1	
Ethanol	1.83	*0.531*	3.45	*1.00*	06/07/22	KCA	1	1
Ethyl acetate	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	1
Ethylbenzene	0.968	*0.230*	4.20	*1.00*	06/07/22	KCA	1	
Heptane	1.34	*0.244*	5.49	*1.00*	06/07/22	KCA	1	
Hexachlorobutadiene	ND	*0.094*	ND	*1.00*	06/07/22	KCA	1	
Hexane	ND	*0.284*	ND	*1.00*	06/07/22	KCA	1	
Isopropylalcohol	1.18	*0.407*	2.90	*1.00*	06/07/22	KCA	1	
Isopropylbenzene	ND	*0.204*	ND	*1.00*	06/07/22	KCA	1	
m,p-Xylene	5.82	*0.230*	25.3	*1.00*	06/07/22	KCA	1	
Methyl Ethyl Ketone	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	
Methyl tert-butyl ether(MTBE)	ND	*0.278*	ND	*1.00*	06/07/22	KCA	1	
Methylene Chloride	ND	*0.863*	ND	*3.00*	06/07/22	KCA	1	
n-Butylbenzene	ND	*0.182*	ND	*1.00*	06/07/22	KCA	1	1
o-Xylene	3.18	*0.230*	13.8	*1.00*	06/07/22	KCA	1	
Propylene	ND	*0.581*	ND	*1.00*	06/07/22	KCA	1	1
sec-Butylbenzene	0.186	*0.182*	1.02	*1.00*	06/07/22	KCA	1	1
Styrene	31.6	*0.235*	135	*1.00*	06/07/22	KCA	1	
Tetrachloroethene	484	*1.11*	3280	*7.52*	06/08/22	KCA	30	
Tetrahydrofuran	ND	*0.339*	ND	*1.00*	06/07/22	KCA	1	1
Toluene	1.38	*0.266*	5.20	*1.00*	06/07/22	KCA	1	
Trans-1,2-Dichloroethene	ND	*0.252*	ND	*1.00*	06/07/22	KCA	1	
trans-1,3-Dichloropropene	ND	*0.221*	ND	*1.00*	06/07/22	KCA	1	
Trichloroethene	0.317	*0.037*	1.70	*0.20*	06/07/22	KCA	1	
Trichlorofluoromethane	0.286	*0.178*	1.61	*1.00*	06/07/22	KCA	1	
Trichlorotrifluoroethane	0.690	*0.131*	5.28	*1.00*	06/07/22	KCA	1	
Vinyl Chloride	ND	*0.078*	ND	*0.20*	06/07/22	KCA	1	
QA/QC Surrogates/Internals								
% Bromofluorobenzene	95	*%*	95	*%*	06/07/22	KCA	1	
% IS-1,4-Difluorobenzene	111	*%*	111	*%*	06/07/22	KCA	1	
% IS-Bromochloromethane	106	*%*	106	*%*	06/07/22	KCA	1	
% IS-Chlorobenzene-d5	125	*%*	125	*%*	06/07/22	KCA	1	
% Bromofluorobenzene (5x)	95	*%*	95	*%*	06/07/22	KCA	5	
% IS-1,4-Difluorobenzene (5x)	72	*%*	72	*%*	06/07/22	KCA	5	
% IS-Bromochloromethane (5x)	86	*%*	86	*%*	06/07/22	KCA	5	
% IS-Chlorobenzene-d5 (5x)	92	*%*	92	*%*	06/07/22	KCA	5	

Ver 1

Project ID: 05-003-00
Client ID: SS-4

Phoenix I.D.: CL48941

Parameter	ppbv Result	ppbv RL	ug/m3 Result	ug/m3 RL	Date/Time	By	Dilution
% Bromofluorobenzene (30x)	94	%	94	%	06/08/22	KCA	30
% IS-1,4-Difluorobenzene (30x)	108	%	108	%	06/08/22	KCA	30
% IS-Bromochloromethane (30x)	115	%	115	%	06/08/22	KCA	30
% IS-Chlorobenzene-d5 (30x)	110	%	110	%	06/08/22	KCA	30

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
June 09, 2022
Reviewed and Released by: Rashmi Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Canister Sampling Information

June 09, 2022

FOR: Attn: Mr. Greg Collins
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Location Code: GC-ENV

Project ID: 05-003-00

SDG I.D.: GCL48939

						Laboratory					Field			
Client Id	Lab Id	Canister Id	Canister Type	Reg. Id	Chk Out Date	Out Hg	In Hg	Out Flow	In Flow	Flow RPD	Start Hg	End Hg	Sampling Start Date	Sampling End Date
IA-1	CL48939	493	6.0L	3968	06/01/22	-30	-6	43	43	0.0	-29	-6	06/03/22 08:14	06/03/22 10:14
SS-8	CL48940	369	6.0L	4980	06/01/22	-30	-6	44	44	0.0	-27	-6	06/03/22 08:19	06/03/22 10:19
SS-4	CL48941	23343	6.0L	5380	06/01/22	-30	-5	45	44	2.2	-28.5	-5	06/03/22 08:22	06/03/22 10:22

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

June 09, 2022

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
QA/QC Batch 627977 (ppbv), QC Sample No: CL48940 (CL48940, CL48941 (1X, 30X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	90	1.82	1.78	0.334	0.327	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	95	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	102	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	100	41.3	41.1	8.41	8.36	0.6	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	88	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	97	10.0	9.7	2.03	1.98	2.5	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	103	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	93	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	94	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	106	29.0	29.2	5.91	5.94	0.5	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	90	2.40	2.42	0.437	0.441	NC	70 - 130	25
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	94	ND	1.81	ND	0.442	NC	70 - 130	25
Acetone	ND	0.420	ND	1.00	90	385	401	162	169	4.2	70 - 130	25
Acrylonitrile	ND	0.460	ND	1.00	88	ND	ND	ND	ND	NC	70 - 130	25
Benzene	ND	0.310	ND	0.99	88	4.92	5.17	1.54	1.62	NC	70 - 130	25
Benzyl chloride	ND	0.190	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
Bromodichloromethane	ND	0.150	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25
Bromomethane	ND	0.260	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Carbon Disulfide	ND	0.320	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Carbon Tetrachloride	ND	0.032	ND	0.20	91	0.48	0.49	0.076	0.078	NC	70 - 130	25
Chlorobenzene	ND	0.220	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
Chloroethane	ND	0.380	ND	1.00	90	ND	ND	ND	ND	NC	70 - 130	25
Chloroform	ND	0.200	ND	0.98	89	ND	ND	ND	ND	NC	70 - 130	25
Chloromethane	ND	0.480	ND	0.99	91	ND	1.12	ND	0.542	NC	70 - 130	25
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	86	ND	ND	ND	ND	NC	70 - 130	25
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25
Cyclohexane	ND	0.290	ND	1.00	81	8.84	9.15	2.57	2.66	3.4	70 - 130	25
Dibromochloromethane	ND	0.120	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
Dichlorodifluoromethane	ND	0.200	ND	0.99	92	2.40	2.51	0.485	0.507	NC	70 - 130	25
Ethanol	ND	0.530	ND	1.00	84	150 E	159	79.8 E	84.5	5.7	70 - 130	25

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits
Ethyl acetate	ND	0.280	ND	1.01	86	ND	ND	ND	ND	NC	70 - 130	25
Ethylbenzene	ND	0.230	ND	1.00	97	16.4	16.5	3.78	3.80	0.5	70 - 130	25
Heptane	ND	0.240	ND	0.98	97	46.7	46.7	11.4	11.4	0.0	70 - 130	25
Hexachlorobutadiene	ND	0.094	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Hexane	ND	0.280	ND	0.99	94	12.3	12.9	3.49	3.65	4.5	70 - 130	25
Isopropylalcohol	ND	0.410	ND	1.01	90	5.31	5.63	2.16	2.29	5.8	70 - 130	25
Isopropylbenzene	ND	0.200	ND	0.98	89	1.97	2.02	0.402	0.411	NC	70 - 130	25
m,p-Xylene	ND	0.230	ND	1.00	104	69.9	69.9	16.1	16.1	0.0	70 - 130	25
Methyl Ethyl Ketone	ND	0.340	ND	1.00	91	1.67	1.67	0.568	0.565	NC	70 - 130	25
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	88	ND	ND	ND	ND	NC	70 - 130	25
Methylene Chloride	ND	0.860	ND	2.99	90	ND	ND	ND	ND	NC	70 - 130	25
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25
o-Xylene	ND	0.230	ND	1.00	98	30.3	30.3	6.98	6.99	0.1	70 - 130	25
Propylene	ND	0.580	ND	1.00	97	6.67	5.87	3.88	3.41	12.9	70 - 130	25
sec-Butylbenzene	ND	0.180	ND	0.99	92	1.55	1.46	0.283	0.267	NC	70 - 130	25
Styrene	ND	0.230	ND	0.98	102	160	160	37.7	37.6	0.3	70 - 130	25
Tetrachloroethene	ND	0.037	ND	0.25	92	4.18	4.49	0.616	0.662	7.2	70 - 130	25
Tetrahydrofuran	ND	0.340	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25
Toluene	ND	0.270	ND	1.02	92	67.4	68.2	17.9	18.1	1.1	70 - 130	25
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	88	ND	ND	ND	ND	NC	70 - 130	25
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	86	ND	ND	ND	ND	NC	70 - 130	25
Trichloroethene	ND	0.037	ND	0.20	93	0.49	0.49	0.091	0.091	NC	70 - 130	25
Trichlorofluoromethane	ND	0.180	ND	1.01	89	1.36	1.38	0.243	0.245	NC	70 - 130	25
Trichlorotrifluoroethane	ND	0.130	ND	1.00	91	ND	ND	ND	ND	NC	70 - 130	25
Vinyl Chloride	ND	0.078	ND	0.20	90	ND	ND	ND	ND	NC	70 - 130	25
% Bromofluorobenzene	93	%	93	%	101	97	94	97	94	NC	70 - 130	25
% IS-1,4-Difluorobenzene	102	%	102	%	114	107	108	107	108	NC	60 - 140	25
% IS-Bromochloromethane	105	%	105	%	108	105	104	105	104	NC	60 - 140	25
% IS-Chlorobenzene-d5	105	%	105	%	120	118	121	118	121	NC	60 - 140	25
QA/QC Batch 627754 (ppbv), QC Sample No: CL48942 (CL48939, CL48940 (5X) , CL48941 (5X))												
Volatiles												
1,1,1,2-Tetrachloroethane	ND	0.150	ND	1.03	91	ND	ND	ND	ND	NC	70 - 130	25
1,1,1-Trichloroethane	ND	0.180	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,1,2,2-Tetrachloroethane	ND	0.150	ND	1.03	94	ND	ND	ND	ND	NC	70 - 130	25
1,1,2-Trichloroethane	ND	0.180	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethane	ND	0.250	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25
1,1-Dichloroethene	ND	0.050	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trichlorobenzene	ND	0.130	ND	0.96	99	ND	ND	ND	ND	NC	70 - 130	25
1,2,4-Trimethylbenzene	ND	0.200	ND	0.98	101	1.44	1.18	0.294	0.240	NC	70 - 130	25
1,2-Dibromoethane(EDB)	ND	0.130	ND	1.00	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorobenzene	ND	0.170	ND	1.02	91	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichloroethane	ND	0.250	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
1,2-dichloropropane	ND	0.220	ND	1.02	94	ND	ND	ND	ND	NC	70 - 130	25
1,2-Dichlorotetrafluoroethane	ND	0.140	ND	0.98	93	ND	ND	ND	ND	NC	70 - 130	25
1,3,5-Trimethylbenzene	ND	0.200	ND	0.98	96	ND	ND	ND	ND	NC	70 - 130	25
1,3-Butadiene	ND	0.450	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25
1,3-Dichlorobenzene	ND	0.170	ND	1.02	98	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dichlorobenzene	ND	0.170	ND	1.02	89	ND	ND	ND	ND	NC	70 - 130	25
1,4-Dioxane	ND	0.280	ND	1.01	95	ND	ND	ND	ND	NC	70 - 130	25
2-Hexanone(MBK)	ND	0.240	ND	0.98	111	ND	ND	ND	ND	NC	70 - 130	25
4-Ethyltoluene	ND	0.200	ND	0.98	107	1.34	1.12	0.272	0.227	NC	70 - 130	25
4-Isopropyltoluene	ND	0.180	ND	0.99	90	ND	ND	ND	ND	NC	70 - 130	25

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits	
4-Methyl-2-pentanone(MIBK)	ND	0.240	ND	0.98	105	ND	ND	ND	ND	NC	70 - 130	25	
Acetone	ND	0.420	ND	1.00	97	18.8	18.9	7.91	7.96	0.6	70 - 130	25	
Acrylonitrile	ND	0.460	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Benzene	ND	0.310	ND	0.99	89	2.40	2.24	0.751	0.702	NC	70 - 130	25	
Benzyl chloride	ND	0.190	ND	0.98	97	ND	ND	ND	ND	NC	70 - 130	25	
Bromodichloromethane	ND	0.150	ND	1.00	96	ND	ND	ND	ND	NC	70 - 130	25	
Bromoform	ND	0.097	ND	1.00	99	ND	ND	ND	ND	NC	70 - 130	25	
Bromomethane	ND	0.260	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Disulfide	ND	0.320	ND	1.00	92	ND	ND	ND	ND	NC	70 - 130	25	
Carbon Tetrachloride	ND	0.032	ND	0.20	95	0.47	0.46	0.074	0.073	NC	70 - 130	25	
Chlorobenzene	ND	0.220	ND	1.01	92	ND	ND	ND	ND	NC	70 - 130	25	
Chloroethane	ND	0.380	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Chloroform	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25	
Chloromethane	ND	0.480	ND	0.99	99	1.24	1.17	0.602	0.566	NC	70 - 130	25	
Cis-1,2-Dichloroethene	ND	0.050	ND	0.20	101	ND	ND	ND	ND	NC	70 - 130	25	
cis-1,3-Dichloropropene	ND	0.220	ND	1.00	98	ND	ND	ND	ND	NC	70 - 130	25	
Cyclohexane	ND	0.290	ND	1.00	82	2.04	1.97	0.592	0.573	NC	70 - 130	25	
Dibromochloromethane	ND	0.120	ND	1.02	95	ND	ND	ND	ND	NC	70 - 130	25	
Dichlorodifluoromethane	ND	0.200	ND	0.99	94	2.30	2.07	0.465	0.418	NC	70 - 130	25	
Ethanol	ND	0.530	ND	1.00	88	79.3 E	40.3	42.1 E	21.4	65.2	70 - 130	25	r
Ethyl acetate	ND	0.280	ND	1.01	90	ND	ND	ND	ND	NC	70 - 130	25	
Ethylbenzene	ND	0.230	ND	1.00	98	1.32	1.16	0.305	0.267	NC	70 - 130	25	
Heptane	ND	0.240	ND	0.98	108	2.87	2.77	0.701	0.676	NC	70 - 130	25	
Hexachlorobutadiene	ND	0.094	ND	1.00	89	ND	ND	ND	ND	NC	70 - 130	25	
Hexane	ND	0.280	ND	0.99	99	7.19	7.01	2.04	1.99	2.5	70 - 130	25	
Isopropylalcohol	ND	0.410	ND	1.01	96	1.91	1.82	0.776	0.739	NC	70 - 130	25	
Isopropylbenzene	ND	0.200	ND	0.98	92	ND	ND	ND	ND	NC	70 - 130	25	
m,p-Xylene	ND	0.230	ND	1.00	105	4.77	4.51	1.10	1.04	NC	70 - 130	25	
Methyl Ethyl Ketone	ND	0.340	ND	1.00	99	1.02	ND	0.346	ND	NC	70 - 130	25	
Methyl tert-butyl ether(MTBE)	ND	0.280	ND	1.01	91	ND	ND	ND	ND	NC	70 - 130	25	
Methylene Chloride	ND	0.860	ND	2.99	96	ND	ND	ND	ND	NC	70 - 130	25	
n-Butylbenzene	ND	0.180	ND	0.99	87	ND	ND	ND	ND	NC	70 - 130	25	
o-Xylene	ND	0.230	ND	1.00	100	1.51	1.39	0.348	0.320	NC	70 - 130	25	
Propylene	ND	0.580	ND	1.00	104	ND	ND	ND	ND	NC	70 - 130	25	
sec-Butylbenzene	ND	0.180	ND	0.99	94	ND	ND	ND	ND	NC	70 - 130	25	
Styrene	ND	0.230	ND	0.98	103	ND	ND	ND	ND	NC	70 - 130	25	
Tetrachloroethene	ND	0.037	ND	0.25	97	0.77	0.69	0.114	0.102	NC	70 - 130	25	
Tetrahydrofuran	ND	0.340	ND	1.00	101	ND	ND	ND	ND	NC	70 - 130	25	
Toluene	ND	0.270	ND	1.02	98	8.47	7.98	2.25	2.12	5.9	70 - 130	25	
Trans-1,2-Dichloroethene	ND	0.250	ND	0.99	93	ND	ND	ND	ND	NC	70 - 130	25	
trans-1,3-Dichloropropene	ND	0.220	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Trichloroethene	ND	0.037	ND	0.20	96	ND	ND	ND	ND	NC	70 - 130	25	
Trichlorofluoromethane	ND	0.180	ND	1.01	92	1.16	1.20	0.207	0.213	NC	70 - 130	25	
Trichlorotrifluoroethane	ND	0.130	ND	1.00	93	ND	ND	ND	ND	NC	70 - 130	25	
Vinyl Chloride	ND	0.078	ND	0.20	93	ND	ND	ND	ND	NC	70 - 130	25	
% Bromofluorobenzene	90	%	90	%	103	98	94	98	94	NC	70 - 130	25	
% IS-1,4-Difluorobenzene	98	%	98	%	103	94	96	94	96	NC	60 - 140	25	
% IS-Bromochloromethane	96	%	96	%	100	96	96	96	96	NC	60 - 140	25	
% IS-Chlorobenzene-d5	99	%	99	%	111	96	97	96	97	NC	60 - 140	25	

r = This parameter is outside laboratory RPD specified recovery limits.

QA/QC Data

SDG I.D.: GCL48939

Parameter	Blk ppbv	Blk RL ppbv	Blk ug/m3	Blk RL ug/m3	LCS %	Sample Result ug/m3	Sample Dup ug/m3	Sample Result ppbv	Sample Dup ppbv	DUP RPD	% Rec Limits	% RPD Limits

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
June 09, 2022

Thursday, June 09, 2022

Criteria: NY: AIRIA, AIRSV

State: NY

Sample Criteria Exceedances Report

GCL48939 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CL48939	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.053	0.037	0.037	0.037	ppbv
CL48939	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.073	0.032	0.032	0.032	ppbv
CL48939	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.46	0.2	0.2	0.2	ug/m3
CL48939	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.28	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.076	0.032	0.032	0.032	ppbv
CL48940	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	0.616	0.037	0.443	0.443	ppbv
CL48940	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.091	0.037	0.037	0.037	ppbv
CL48940	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.49	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.48	0.2	0.2	0.2	ug/m3
CL48940	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	4.18	0	3	3	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	199	5.50	0.55	0.55	ppbv
CL48941	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.067	0.032	0.032	0.032	ppbv
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	484	1.11	0.443	0.443	ppbv
CL48941	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	0.317	0.037	0.037	0.037	ppbv
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	484	1.11	14.8	14.8	ppbv
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	199	5.50	18.3	18.3	ppbv
CL48941	$AIR_NYTO15	Trichloroethene	NY / Air Guideline Values / Indoor Air	1.70	0.2	0.2	0.2	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Indoor Air	1090	30	3	3	ug/m3
CL48941	$AIR_NYTO15	Carbon Tetrachloride	NY / Air Guideline Values / Indoor Air	0.42	0.2	0.2	0.2	ug/m3
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Indoor Air	3280	8	3	3	ug/m3
CL48941	$AIR_NYTO15	1,1,1-Trichloroethane	NY / Air Guideline Values / Sub-Slab Vapor	1090	30	100	100	ug/m3
CL48941	$AIR_NYTO15	Tetrachloroethene	NY / Air Guideline Values / Sub-Slab Vapor	3280	8	100	100	ug/m3

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

June 09, 2022 SDG I.D.: GCL48939

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report: None.

CHAIN OF CUSTODY RECORD
AIR ANALYSES

PHOENIX Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone: 860.645.1102 • Fax: 860.645.0823
GC-ENV

860-645-1102
email: greg@phoenixlabs.com

P.O. # 12304 Page 1 of 1

Data Delivery:
☐ Fax #:
☑ Email: ftoylular@gcenvir.com
☐ Phone #: 631-206-7700

Report to:	Fulya Toylular	Project Name: 05-003-00	Data Format: (Circle) Equis Excel Other:
Customer:	G.C. Environmental, Inc.	Invoice to: Diana Legakis	Requested Deliverable: RCP ASP CAT B
Address:	22 Oak Street		MCP NJ Deliverables
13641	Bayshore, NY 11706	Sampled by: Jeremy Samson	Quote Number:

Phoenix ID #	Client Sample ID	Canister ID #	Canister Size (L)	Outgoing Canister Pressure (" Hg)	Incoming Canister Pressure ("Hg)	Flow Regulator ID #	Flow Controller Setting (mL/min)	Sampling Start Time	Sampling End Time	Sample Start Date	Canister Pressure at Start (" Hg)	Canister Pressure at End ("Hg)	Ambient/Indoor Air	Soil Gas	Grab (G) Composite (C)	TO-15	APH	
	THIS SECTION FOR LAB USE ONLY												MATRIX			ANALYSES		
48939	1A-1	493	6.0L	-30	-6	3968	43	8:14 a.m.	10:14	6/3/22	29	6	X			X		
48940	55-8	369	6.0L	-30	-6	4980	44	8:19 a.m.	10:19	6/3/22	27	6		X		X		
	not used	23318	6.0L	-30		5598	44											
48941	55-4	23343	6.0L	-30	-5	5380	45	8:22	10:22	6/3/22	28.5	5		X		X		

Relinquished by:	Accepted by:	Date:	Time:
Jeremy Samson		6/6/22	10:40
		6/6	1427

I attest that all media released by Phoenix Environmental Laboratories, Inc. have been received in good working condition and agree to the terms and conditions as listed on the back of this document:

Signature: _____ Date: _____

State Where Samples Collected: _____

SPECIAL INSTRUCTIONS, QC REQUIREMENTS, REGULATORY INFORMATION:

(4) - 6.0L 2 hr , 4 Connectors

Turnaround Time:
- 1 Day ☐
- 2 Day ☐
- 3 Day ☐
- 4 Day ☐
- 5 Day ☑

Requested Criteria: (Please Circle)

CT:	MA:	NJ:	NY:	PA:	VT:
TAC I/C	Indoor Air: Residential Ind/Commercial	Indoor Air: Residential Ind/Commercial	Vapor Intrusion	Indoor Air Residential	Indoor Air Residential Industrial
TAC RES	Soil Gas: Residential Ind/Commercial	Soil Gas: Residential Ind/Commercial		Non-residential	Sub-slab Residential Industrial
SVVC I/C					
SVVC RES					
GWV I/C					
GWV CES					

APPENDIX D
Lab Analytical Reports

PHOENIX
Environmental Laboratories, Inc.

Wednesday, January 24, 2024

Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Project ID: 05_003_00
SDG ID: GCP89973
Sample ID#s: CP89973 - CP89980

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory. This report is incomplete unless all pages indicated in the pagination at the bottom of the page are included.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Sincerely yours,

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #M-CT007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B
NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

SDG Comments

January 24, 2024

SDG I.D.: GCP89973

8260 Volatile Organics:
1,2-Dibromoethane, 1,2,3 Trichloropropane, and 1,2-Dibromo-3-chloropropane do not meet NY TOGS GA criteria, these compounds are analyzed by GC/ECD method 504 or 8011 to achieve this criteria.

SIM Analysis:
The lowest possible reporting limit under SIM conditions is 0.02 ug/L. The NY TOGS GA criteria for some PAHs is 0.002 ug/L. This level can not be achieved.

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

NY # 11301

Sample Id Cross Reference

January 24, 2024

SDG I.D.: GCP89973

Project ID: 05_003_00

Client Id	Lab Id	Matrix
MW_1	CP89973	GROUND WATER
MW_2	CP89974	GROUND WATER
MW_3	CP89975	GROUND WATER
MW_4	CP89976	GROUND WATER
MW_5	CP89977	GROUND WATER
MW_6	CP89978	GROUND WATER
MW_7	CP89979	GROUND WATER
MW_8	CP89980	GROUND WATER

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	8:00
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89973

Project ID: 05_003_00
Client ID: MW_1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,1,1-Trichloroethane	27	2.0	ug/L	2	01/21/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/19/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,1-Dichloroethene	3.0	1.0	ug/L	1	01/19/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/19/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/19/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/19/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/19/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/19/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D [1]

Project ID: 05_003_00
Client ID: MW_1

Phoenix I.D.: CP89973

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/19/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/19/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/19/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/19/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/19/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Chloroform	1.5	1.0	ug/L	1	01/19/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/19/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/19/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/19/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/19/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Tetrachloroethene	1.3	1.0	ug/L	1	01/19/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/19/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/19/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/19/24	MH	SW8260D	
Trichloroethene	1.1	1.0	ug/L	1	01/19/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/19/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	01/19/24	MH	70 - 130 %	

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	92		%	1	01/19/24	MH	70 - 130 %	
% Dibromofluoromethane	102		%	1	01/19/24	MH	70 - 130 %	
% Toluene-d8	91		%	1	01/19/24	MH	70 - 130 %	
% 1,2-dichlorobenzene-d4 (2x)	99		%	2	01/21/24	MH	70 - 130 %	
% Bromofluorobenzene (2x)	90		%	2	01/21/24	MH	70 - 130 %	
% Dibromofluoromethane (2x)	103		%	2	01/21/24	MH	70 - 130 %	
% Toluene-d8 (2x)	92		%	2	01/21/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	3.1	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	3.0	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	3.1	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	1.0	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	50	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	21	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	1.0	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	5.0	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	5.2	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								

Project ID: 05_003_00
Client ID: MW_1

Phoenix I.D.: CP89973

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	73		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	84		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	65		%	1	01/22/24	MR	30 - 130 %
Semivolatiles, SIM							
Acenaphthylene	ND	0.52	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	0.26	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	0.37	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	0.22	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.52	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	0.21	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	0.23	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.52	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.50	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.52	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	0.30	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.40	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.52	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	72		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	78		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	83		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 24, 2024

Reviewed and Released by: Anil Makol, Project Manager

Ver 1

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	8:20
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89974

Project ID: 05_003_00
Client ID: MW_2

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	14	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D [1]

Project ID: 05_003_00
Client ID: MW_2

Phoenix I.D.: CP89974

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	17	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	01/18/24	MH	70 - 130 %	

Project ID: 05_003_00
Client ID: MW_2

Phoenix I.D.: CP89974

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	93		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	101		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	91		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.95	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	48	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.95	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.8	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	66		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	72		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	60		%	1	01/22/24	MR	30 - 130 %	

Project ID: 05_003_00
Client ID: MW_2

Phoenix I.D.: CP89974

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	0.13	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	0.02	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	0.02	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	0.12	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.48	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	64		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	67		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	69		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 24, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	8:45
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89975

Project ID: 05_003_00
Client ID: MW_3

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	4.6	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D

Project ID: 05_003_00
Client ID: MW_3

Phoenix I.D.: CP89975

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	14	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	01/18/24	MH	70 - 130 %	

Project ID: 05_003_00
Client ID: MW_3

Phoenix I.D.: CP89975

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	94		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	101		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	90		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	47	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	63		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	69		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	47		%	1	01/22/24	MR	30 - 130 %	

Project ID: 05_003_00
Client ID: MW_3

Phoenix I.D.: CP89975

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	62		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	71		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	55		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 24, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	9:15
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89976

Project ID: 05_003_00
Client ID: MW_4

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	12	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	1.1	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D

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Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	1.7	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	01/18/24	MH	70 - 130 %	

Ver 1

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Phoenix I.D.: CP89976

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	91		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	99		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	91		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	47	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	73		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	83		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	29		%	1	01/22/24	MR	30 - 130 %	3

Project ID: 05_003_00
Client ID: MW_4

Phoenix I.D.: CP89976

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	74		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	34		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.
3 = This parameter exceeds laboratory specified limits.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 24, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	10:00
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89977

Project ID: 05_003_00
Client ID: MW_5

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	5.1	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D [1]

Project ID: 05_003_00
Client ID: MW_5

Phoenix I.D.: CP89977

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	1.2	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	3.2	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	01/18/24	MH	70 - 130 %	

Project ID: 05_003_00
Client ID: MW_5

Phoenix I.D.: CP89977

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	91		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	101		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	92		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	47	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	80		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	84		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	50		%	1	01/22/24	MR	30 - 130 %	

Project ID: 05_003_00
Client ID: MW_5

Phoenix I.D.: CP89977

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	77		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	82		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	59		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200. The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director
January 24, 2024
Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	10:30
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89978

Project ID: 05_003_00
Client ID: MW_6

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	4.8	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D [1]

Project ID: 05_003_00
Client ID: MW_6

Phoenix I.D.: CP89978

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	1.2	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	11	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	99		%	1	01/18/24	MH	70 - 130 %	

Project ID: 05_003_00
Client ID: MW_6

Phoenix I.D.: CP89978

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	92		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	100		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	90		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	47	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	12	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	73		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	84		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	52		%	1	01/22/24	MR	30 - 130 %	

Project ID: 05_003_00
Client ID: MW_6

Phoenix I.D.: CP89978

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	74		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	74		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	62		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 24, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	11:00
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89979

Project ID: 05_003_00
Client ID: MW_7

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	50	5.0	ug/L	5	01/19/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	2.1	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D [1]

Project ID: 05_003_00
Client ID: MW_7

Phoenix I.D.: CP89979

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	100		%	1	01/18/24	MH	70 - 130 %	

Ver 1

Project ID: 05_003_00
Client ID: MW_7

Phoenix I.D.: CP89979

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	90		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	100		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	90		%	1	01/18/24	MH	70 - 130 %	
% 1,2-dichlorobenzene-d4 (5x)	98		%	5	01/19/24	MH	70 - 130 %	
% Bromofluorobenzene (5x)	91		%	5	01/19/24	MH	70 - 130 %	
% Dibromofluoromethane (5x)	100		%	5	01/19/24	MH	70 - 130 %	
% Toluene-d8 (5x)	91		%	5	01/19/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.8	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	47	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.94	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.7	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								

Project ID: 05_003_00
Client ID: MW_7

Phoenix I.D.: CP89979

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
% 2-Fluorobiphenyl	75		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	82		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	65		%	1	01/22/24	MR	30 - 130 %
Semivolatiles, SIM							
Acenaphthylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	ND	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.38	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.47	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	69		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	75		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	79		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

Semi-Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

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The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 24, 2024

Reviewed and Released by: Anil Makol, Project Manager

Ver 1

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

January 24, 2024

FOR: Attn: Fulya Toylular
G.C. Environmental, Inc.
22 Oak Street
Bayshore, NY 11706

Sample Information		Custody Information		Date	Time
Matrix:	GROUND WATER	Collected by:		01/15/24	11:30
Location Code:	GC-ENV	Received by:	CP	01/17/24	16:35
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	12855				

Laboratory Data

SDG ID: GCP89973
Phoenix ID: CP89980

Project ID: 05_003_00
Client ID: MW_8

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semi-Volatile Extraction	Completed				01/18/24	Z/MQ	SW3520C
Volatiles							
1,1,1,2-Tetrachloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,1-Trichloroethane	11	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1,2,2-Tetrachloroethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,1,2-Trichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,1-Dichloropropene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,3-Trichloropropane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2,4-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromo-3-chloropropane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D
1,2-Dibromoethane	ND	0.25	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloroethane	ND	0.60	ug/L	1	01/18/24	MH	SW8260D
1,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3,5-Trimethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,3-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
1,4-Dichlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2,2-Dichloropropane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D
2-Hexanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D
2-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D

Project ID: 05_003_00
Client ID: MW_8

Phoenix I.D.: CP89980

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
4-Chlorotoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
4-Methyl-2-pentanone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Acetone	ND	25	ug/L	1	01/18/24	MH	SW8260D	
Acrylonitrile	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Benzene	ND	0.70	ug/L	1	01/18/24	MH	SW8260D	
Bromobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromochloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromodichloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Bromoform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Bromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon Disulfide	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Carbon tetrachloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chlorobenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloroform	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Chloromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
cis-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Dibromochloromethane	ND	0.50	ug/L	1	01/18/24	MH	SW8260D	
Dibromomethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Dichlorodifluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Ethylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Hexachlorobutadiene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
Isopropylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
m&p-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl ethyl ketone	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Methyl t-butyl ether (MTBE)	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Methylene chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Naphthalene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
n-Propylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
o-Xylene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
p-Isopropyltoluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
sec-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Styrene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
tert-Butylbenzene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrachloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Tetrahydrofuran (THF)	ND	2.5	ug/L	1	01/18/24	MH	SW8260D	1
Toluene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Total Xylenes	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,2-Dichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
trans-1,3-Dichloropropene	ND	0.40	ug/L	1	01/18/24	MH	SW8260D	
trans-1,4-dichloro-2-butene	ND	5.0	ug/L	1	01/18/24	MH	SW8260D	
Trichloroethene	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorofluoromethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Trichlorotrifluoroethane	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
Vinyl chloride	ND	1.0	ug/L	1	01/18/24	MH	SW8260D	
QA/QC Surrogates								
% 1,2-dichlorobenzene-d4	98		%	1	01/18/24	MH	70 - 130 %	

Project ID: 05_003_00
Client ID: MW_8

Phoenix I.D.: CP89980

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference	
% Bromofluorobenzene	92		%	1	01/18/24	MH	70 - 130 %	
% Dibromofluoromethane	105		%	1	01/18/24	MH	70 - 130 %	
% Toluene-d8	89		%	1	01/18/24	MH	70 - 130 %	
Semivolatiles, Full Scan								
1,2,4-Trichlorobenzene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
1,2-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
1,2-Diphenylhydrazine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
1,3-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
1,4-Dichlorobenzene	ND	2.9	ug/L	1	01/22/24	MR	SW8270E	
2,2'-Oxybis(1-Chloropropane)	ND	0.97	ug/L	1	01/22/24	MR	SW8270E	1
2,4-Dinitrotoluene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
2,6-Dinitrotoluene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
2-Chloronaphthalene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
2-Methylnaphthalene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
2-Nitroaniline	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
3,3'-Dichlorobenzidine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
3-Nitroaniline	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
4-Bromophenyl phenyl ether	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
4-Chloroaniline	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
4-Chlorophenyl phenyl ether	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
4-Nitroaniline	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Acenaphthene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Anthracene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Benzidine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Benzoic acid	ND	49	ug/L	1	01/22/24	MR	SW8270E	
Benzyl Alcohol	ND	19	ug/L	1	01/22/24	MR	SW8270E	
Benzyl butyl phthalate	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethoxy)methane	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-chloroethyl)ether	ND	0.97	ug/L	1	01/22/24	MR	SW8270E	
Bis(2-ethylhexyl)phthalate	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Dibenzofuran	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Diethyl phthalate	6.5	4.9	ug/L	1	01/22/24	MR	SW8270E	
Dimethylphthalate	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Di-n-butylphthalate	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Di-n-octylphthalate	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Fluoranthene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Fluorene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Hexachloroethane	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Isophorone	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Naphthalene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodimethylamine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodi-n-propylamine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
N-Nitrosodiphenylamine	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
Pyrene	ND	4.9	ug/L	1	01/22/24	MR	SW8270E	
QA/QC Surrogates								
% 2-Fluorobiphenyl	83		%	1	01/22/24	MR	30 - 130 %	
% Nitrobenzene-d5	91		%	1	01/22/24	MR	30 - 130 %	
% Terphenyl-d14	59		%	1	01/22/24	MR	30 - 130 %	

Project ID: 05_003_00
Client ID: MW_8

Phoenix I.D.: CP89980

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Semivolatiles, SIM							
Acenaphthylene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benz(a)anthracene	0.03	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(a)pyrene	0.13	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(b)fluoranthene	0.02	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(ghi)perylene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
Benzo(k)fluoranthene	0.02	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Chrysene	0.02	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Dibenz(a,h)anthracene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobenzene	ND	0.04	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorobutadiene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
Hexachlorocyclopentadiene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
Indeno(1,2,3-cd)pyrene	0.12	0.02	ug/L	1	01/22/24	MR	SW8270E (SIM)
Nitrobenzene	ND	0.39	ug/L	1	01/22/24	MR	SW8270E (SIM)
Phenanthrene	ND	0.49	ug/L	1	01/22/24	MR	SW8270E (SIM)
QA/QC Surrogates							
% 2-Fluorobiphenyl	76		%	1	01/22/24	MR	30 - 130 %
% Nitrobenzene-d5	81		%	1	01/22/24	MR	30 - 130 %
% Terphenyl-d14	68		%	1	01/22/24	MR	30 - 130 %

1 = This parameter is not certified by the primary accrediting authority (NY NELAC) for this matrix. NY NELAC does not offer certification for all parameters at this time.

RL/PQL=Reporting/Practical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quantitation) ND=Not Detected at RL/PQL
BRL=Below Reporting Level L=Biased Low
QA/QC Surrogates: Surrogates are compounds (preceeded with a %) added by the lab to determine analysis efficiency. Surrogate results(%) listed in the report are not "detected" compounds.

Comments:

Per 1.4.6 of EPA method 8270D, 1,2-Diphenylhydrazine is unstable and readily converts to Azobenzene. Azobenzene is used for the calibration of 1,2-Diphenylhydrazine.

Volatile Comment:
To achieve client's objectives, where the lowest calibration standard or LOD justifies lowering the RL/PQL, the RL/PQL of some compounds have been lowered to meet criteria.

If you are the client above and have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext.200.
The contents of this report cannot be discussed with anyone other than the client listed above without their written consent.

Phyllis Shiller, Laboratory Director

January 24, 2024

Reviewed and Released by: Anil Makol, Project Manager

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

January 24, 2024

QA/QC Data

SDG I.D.: GCP89973

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 714654 (ug/L), QC Sample No: CP89630 (CP89973, CP89974, CP89975, CP89976, CP89977, CP89978, CP89979, CP89980)										
Semivolatiles - Ground Water										
1,2,4-Trichlorobenzene	ND	3.5	73	69	5.6				40 - 140	20
1,2-Dichlorobenzene	ND	1.0	74	68	8.5				40 - 140	20
1,2-Diphenylhydrazine	ND	1.6	91	85	6.8				40 - 140	20
1,3-Dichlorobenzene	ND	1.0	71	67	5.8				40 - 140	20
1,4-Dichlorobenzene	ND	1.0	70	66	5.9				40 - 140	20
2,2'-Oxybis(1-Chloropropane)	ND	1.0	82	74	10.3				40 - 140	20
2,4-Dinitrotoluene	ND	3.5	96	88	8.7				30 - 130	20
2,6-Dinitrotoluene	ND	3.5	92	84	9.1				40 - 140	20
2-Chloronaphthalene	ND	3.5	81	77	5.1				40 - 140	20
2-Methylnaphthalene	ND	3.5	82	77	6.3				40 - 140	20
2-Nitroaniline	ND	3.5	138	127	8.3				40 - 140	20
3,3'-Dichlorobenzidine	ND	5.0	44	39	12.0				40 - 140	20
3-Nitroaniline	ND	5.0	95	85	11.1				40 - 140	20
4-Bromophenyl phenyl ether	ND	3.5	84	78	7.4				40 - 140	20
4-Chloroaniline	ND	3.5	80	73	9.2				40 - 140	20
4-Chlorophenyl phenyl ether	ND	1.0	84	77	8.7				40 - 140	20
4-Nitroaniline	ND	5.0	100	91	9.4				40 - 140	20
Acenaphthene	ND	1.5	82	77	6.3				30 - 130	20
Anthracene	ND	1.5	85	78	8.6				40 - 140	20
Benzidine	ND	4.5	123	117	5.0				40 - 140	20
Benzoic acid	ND	10	89	89	0.0				30 - 130	20
Benzyl Alcohol	ND	5.0	94	85	10.1				30 - 130	20
Benzyl butyl phthalate	ND	1.5	96	90	6.5				40 - 140	20
Bis(2-chloroethoxy)methane	ND	3.5	82	78	5.0				40 - 140	20
Bis(2-chloroethyl)ether	ND	1.0	89	81	9.4				40 - 140	20
Bis(2-ethylhexyl)phthalate	ND	1.5	97	90	7.5				40 - 140	20
Dibenzofuran	ND	3.5	82	76	7.6				40 - 140	20
Diethyl phthalate	ND	1.5	92	84	9.1				40 - 140	20
Dimethylphthalate	ND	1.5	88	81	8.3				40 - 140	20
Di-n-butylphthalate	ND	1.5	93	86	7.8				40 - 140	20
Di-n-octylphthalate	ND	1.5	98	94	4.2				40 - 140	20
Fluoranthene	ND	1.5	89	81	9.4				40 - 140	20
Fluorene	ND	1.5	89	81	9.4				40 - 140	20
Hexachloroethane	ND	3.5	79	73	7.9				40 - 140	20
Isophorone	ND	3.5	79	73	7.9				40 - 140	20
Naphthalene	ND	1.5	77	71	8.1				40 - 140	20
N-Nitrosodimethylamine	ND	1.0	79	73	7.9				40 - 140	20
N-Nitrosodi-n-propylamine	ND	3.5	92	84	9.1				40 - 140	20
N-Nitrosodiphenylamine	ND	3.5	74	67	9.9				40 - 140	20
Pyrene	ND	1.5	89	81	9.4				30 - 130	20

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% 2-Fluorobiphenyl	70	%		76	71	6.8				30 - 130	20
% Nitrobenzene-d5	68	%		84	76	10.0				30 - 130	20
% Terphenyl-d14	80	%		84	77	8.7				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria: 20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 714654 (ug/L), QC Sample No: CP89630 (CP89973, CP89974, CP89975, CP89976, CP89977, CP89978, CP89979, CP89980)

Semivolatiles (SIM) - Ground Water

Acenaphthylene	ND	0.50		73	67	8.6				30 - 130	20
Benz(a)anthracene	ND	0.50		82	77	6.3				30 - 130	20
Benzo(a)pyrene	ND	0.50		79	78	1.3				30 - 130	20
Benzo(b)fluoranthene	ND	0.50		94	87	7.7				30 - 130	20
Benzo(ghi)perylene	ND	0.50		101	95	6.1				30 - 130	20
Benzo(k)fluoranthene	ND	0.50		113	108	4.5				30 - 130	20
Chrysene	ND	0.50		81	77	5.1				30 - 130	20
Dibenz(a,h)anthracene	ND	0.50		88	82	7.1				30 - 130	20
Hexachlorobenzene	ND	0.50		75	71	5.5				30 - 130	20
Hexachlorobutadiene	ND	0.50		67	60	11.0				30 - 130	20
Hexachlorocyclopentadiene	ND	0.50		26	26	0.0				30 - 130	20
Indeno(1,2,3-cd)pyrene	ND	0.50		83	78	6.2				30 - 130	20
Nitrobenzene	ND	0.50		69	67	2.9				30 - 130	20
Phenanthrene	ND	0.50		72	68	5.7				30 - 130	20
% 2-Fluorobiphenyl	68	%		74	67	9.9				30 - 130	20
% Nitrobenzene-d5	50	%		62	56	10.2				30 - 130	20
% Terphenyl-d14	103	%		90	86	4.5				30 - 130	20

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8270 criteria:20% of compounds can be outside of acceptance criteria as long as recovery is at least 10%. (Acid surrogates acceptance range for aqueous samples: 15-110%, for soils 30-130%)

QA/QC Batch 714817 (ug/L), QC Sample No: CP89530 (CP89974, CP89975, CP89976, CP89977, CP89978, CP89979, CP89980)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0		108	112	3.6				70 - 130	30
1,1,1-Trichloroethane	ND	1.0		103	105	1.9				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50		105	108	2.8				70 - 130	30
1,1,2-Trichloroethane	ND	1.0		96	105	9.0				70 - 130	30
1,1-Dichloroethane	ND	1.0		104	108	3.8				70 - 130	30
1,1-Dichloroethene	ND	1.0		103	107	3.8				70 - 130	30
1,1-Dichloropropene	ND	1.0		100	104	3.9				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0		107	111	3.7				70 - 130	30
1,2,3-Trichloropropane	ND	1.0		102	103	1.0				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0		108	113	4.5				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0		110	113	2.7				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0		106	109	2.8				70 - 130	30
1,2-Dibromoethane	ND	1.0		99	107	7.8				70 - 130	30
1,2-Dichlorobenzene	ND	1.0		106	110	3.7				70 - 130	30
1,2-Dichloroethane	ND	1.0		105	108	2.8				70 - 130	30
1,2-Dichloropropane	ND	1.0		100	105	4.9				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0		109	112	2.7				70 - 130	30
1,3-Dichlorobenzene	ND	1.0		106	109	2.8				70 - 130	30

QA/QC Data

SDG I.D.: GCP89973

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
1,3-Dichloropropane	ND	1.0	101	107	5.8				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	105	108	2.8				70 - 130	30
2,2-Dichloropropane	ND	1.0	103	104	1.0				70 - 130	30
2-Chlorotoluene	ND	1.0	104	109	4.7				70 - 130	30
2-Hexanone	ND	5.0	95	97	2.1				70 - 130	30
2-Isopropyltoluene	ND	1.0	110	113	2.7				70 - 130	30
4-Chlorotoluene	ND	1.0	108	112	3.6				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	94	99	5.2				70 - 130	30
Acetone	ND	5.0	100	96	4.1				70 - 130	30
Acrylonitrile	ND	5.0	103	105	1.9				70 - 130	30
Benzene	ND	0.70	102	105	2.9				70 - 130	30
Bromobenzene	ND	1.0	107	109	1.9				70 - 130	30
Bromochloromethane	ND	1.0	102	107	4.8				70 - 130	30
Bromodichloromethane	ND	0.50	103	108	4.7				70 - 130	30
Bromoform	ND	1.0	104	109	4.7				70 - 130	30
Bromomethane	ND	1.0	106	108	1.9				70 - 130	30
Carbon Disulfide	ND	1.0	106	107	0.9				70 - 130	30
Carbon tetrachloride	ND	1.0	103	104	1.0				70 - 130	30
Chlorobenzene	ND	1.0	101	106	4.8				70 - 130	30
Chloroethane	ND	1.0	108	115	6.3				70 - 130	30
Chloroform	ND	1.0	104	109	4.7				70 - 130	30
Chloromethane	ND	1.0	97	101	4.0				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	103	109	5.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	95	100	5.1				70 - 130	30
Dibromochloromethane	ND	0.50	104	109	4.7				70 - 130	30
Dibromomethane	ND	1.0	99	107	7.8				70 - 130	30
Dichlorodifluoromethane	ND	1.0	90	92	2.2				70 - 130	30
Ethylbenzene	ND	1.0	105	109	3.7				70 - 130	30
Hexachlorobutadiene	ND	0.40	106	111	4.6				70 - 130	30
Isopropylbenzene	ND	1.0	108	112	3.6				70 - 130	30
m&p-Xylene	ND	1.0	106	109	2.8				70 - 130	30
Methyl ethyl ketone	ND	5.0	92	96	4.3				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	99	103	4.0				70 - 130	30
Methylene chloride	ND	1.0	102	106	3.8				70 - 130	30
Naphthalene	ND	1.0	108	114	5.4				70 - 130	30
n-Butylbenzene	ND	1.0	112	115	2.6				70 - 130	30
n-Propylbenzene	ND	1.0	108	110	1.8				70 - 130	30
o-Xylene	ND	1.0	107	111	3.7				70 - 130	30
p-Isopropyltoluene	ND	1.0	109	113	3.6				70 - 130	30
sec-Butylbenzene	ND	1.0	108	111	2.7				70 - 130	30
Styrene	ND	1.0	107	114	6.3				70 - 130	30
tert-Butylbenzene	ND	1.0	108	110	1.8				70 - 130	30
Tetrachloroethene	ND	1.0	97	101	4.0				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	95	99	4.1				70 - 130	30
Toluene	ND	1.0	99	104	4.9				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	106	110	3.7				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	97	102	5.0				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	91	94	3.2				70 - 130	30
Trichloroethene	ND	1.0	101	105	3.9				70 - 130	30
Trichlorofluoromethane	ND	1.0	103	104	1.0				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	102	101	1.0				70 - 130	30
Vinyl chloride	ND	1.0	102	106	3.8				70 - 130	30
% 1,2-dichlorobenzene-d4	100	%	100	99	1.0				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Bromofluorobenzene	91	%	96	98	2.1				70 - 130	30
% Dibromofluoromethane	99	%	98	100	2.0				70 - 130	30
% Toluene-d8	90	%	94	95	1.1				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 714940 (ug/L), QC Sample No: CP89973 (CP89973)

Volatiles - Ground Water

1,1,1,2-Tetrachloroethane	ND	1.0	110	102	7.5				70 - 130	30
1,1,2,2-Tetrachloroethane	ND	0.50	112	101	10.3				70 - 130	30
1,1,2-Trichloroethane	ND	1.0	105	96	9.0				70 - 130	30
1,1-Dichloroethane	ND	1.0	107	97	9.8				70 - 130	30
1,1-Dichloroethene	ND	1.0	104	93	11.2				70 - 130	30
1,1-Dichloropropene	ND	1.0	97	89	8.6				70 - 130	30
1,2,3-Trichlorobenzene	ND	1.0	113	102	10.2				70 - 130	30
1,2,3-Trichloropropane	ND	1.0	109	96	12.7				70 - 130	30
1,2,4-Trichlorobenzene	ND	1.0	109	104	4.7				70 - 130	30
1,2,4-Trimethylbenzene	ND	1.0	107	100	6.8				70 - 130	30
1,2-Dibromo-3-chloropropane	ND	1.0	113	103	9.3				70 - 130	30
1,2-Dibromoethane	ND	1.0	112	100	11.3				70 - 130	30
1,2-Dichlorobenzene	ND	1.0	108	99	8.7				70 - 130	30
1,2-Dichloroethane	ND	1.0	110	101	8.5				70 - 130	30
1,2-Dichloropropane	ND	1.0	104	95	9.0				70 - 130	30
1,3,5-Trimethylbenzene	ND	1.0	105	99	5.9				70 - 130	30
1,3-Dichlorobenzene	ND	1.0	105	99	5.9				70 - 130	30
1,3-Dichloropropane	ND	1.0	109	99	9.6				70 - 130	30
1,4-Dichlorobenzene	ND	1.0	106	97	8.9				70 - 130	30
2,2-Dichloropropane	ND	1.0	100	91	9.4				70 - 130	30
2-Chlorotoluene	ND	1.0	104	98	5.9				70 - 130	30
2-Hexanone	ND	5.0	106	96	9.9				70 - 130	30
2-Isopropyltoluene	ND	1.0	106	100	5.8				70 - 130	30
4-Chlorotoluene	ND	1.0	106	99	6.8				70 - 130	30
4-Methyl-2-pentanone	ND	5.0	108	97	10.7				70 - 130	30
Acetone	ND	5.0	108	91	17.1				70 - 130	30
Acrylonitrile	ND	5.0	116	100	14.8				70 - 130	30
Benzene	ND	0.70	104	95	9.0				70 - 130	30
Bromobenzene	ND	1.0	105	100	4.9				70 - 130	30
Bromochloromethane	ND	1.0	114	97	16.1				70 - 130	30
Bromodichloromethane	ND	0.50	107	97	9.8				70 - 130	30
Bromoform	ND	1.0	107	96	10.8				70 - 130	30
Bromomethane	ND	1.0	94	96	2.1				70 - 130	30
Carbon Disulfide	ND	1.0	103	94	9.1				70 - 130	30
Carbon tetrachloride	ND	1.0	101	91	10.4				70 - 130	30
Chlorobenzene	ND	1.0	105	96	9.0				70 - 130	30
Chloroethane	ND	1.0	112	100	11.3				70 - 130	30
Chloroform	ND	1.0	108	98	9.7				70 - 130	30
Chloromethane	ND	1.0	98	90	8.5				70 - 130	30
cis-1,2-Dichloroethene	ND	1.0	108	97	10.7				70 - 130	30
cis-1,3-Dichloropropene	ND	0.40	100	90	10.5				70 - 130	30
Dibromochloromethane	ND	0.50	113	102	10.2				70 - 130	30
Dibromomethane	ND	1.0	109	99	9.6				70 - 130	30

Parameter	Blank	Blk RL	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
Dichlorodifluoromethane	ND	1.0	89	82	8.2				70 - 130	30
Ethylbenzene	ND	1.0	104	96	8.0				70 - 130	30
Hexachlorobutadiene	ND	0.40	101	96	5.1				70 - 130	30
Isopropylbenzene	ND	1.0	104	98	5.9				70 - 130	30
m&p-Xylene	ND	1.0	106	97	8.9				70 - 130	30
Methyl ethyl ketone	ND	5.0	108	107	0.9				70 - 130	30
Methyl t-butyl ether (MTBE)	ND	1.0	109	99	9.6				70 - 130	30
Methylene chloride	ND	1.0	108	99	8.7				70 - 130	30
Naphthalene	ND	1.0	114	106	7.3				70 - 130	30
n-Butylbenzene	ND	1.0	104	100	3.9				70 - 130	30
n-Propylbenzene	ND	1.0	102	97	5.0				70 - 130	30
o-Xylene	ND	1.0	108	101	6.7				70 - 130	30
p-Isopropyltoluene	ND	1.0	103	98	5.0				70 - 130	30
sec-Butylbenzene	ND	1.0	101	96	5.1				70 - 130	30
Styrene	ND	1.0	111	102	8.5				70 - 130	30
tert-Butylbenzene	ND	1.0	103	96	7.0				70 - 130	30
Tetrachloroethene	ND	1.0	97	88	9.7				70 - 130	30
Tetrahydrofuran (THF)	ND	2.5	110	96	13.6				70 - 130	30
Toluene	ND	1.0	103	94	9.1				70 - 130	30
trans-1,2-Dichloroethene	ND	1.0	103	97	6.0				70 - 130	30
trans-1,3-Dichloropropene	ND	0.40	106	98	7.8				70 - 130	30
trans-1,4-dichloro-2-butene	ND	5.0	90	78	14.3				70 - 130	30
Trichloroethene	ND	1.0	101	92	9.3				70 - 130	30
Trichlorofluoromethane	ND	1.0	101	92	9.3				70 - 130	30
Trichlorotrifluoroethane	ND	1.0	99	88	11.8				70 - 130	30
Vinyl chloride	ND	1.0	102	94	8.2				70 - 130	30
% 1,2-dichlorobenzene-d4	99	%	98	99	1.0				70 - 130	30
% Bromofluorobenzene	93	%	96	97	1.0				70 - 130	30
% Dibromofluoromethane	98	%	99	98	1.0				70 - 130	30
% Toluene-d8	92	%	95	96	1.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 714821 (ug/L), QC Sample No: CP90445 (CP89979 (5X))

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	97	108	10.7				70 - 130	30
% 1,2-dichlorobenzene-d4	101	%	100	100	0.0				70 - 130	30
% Bromofluorobenzene	90	%	97	98	1.0				70 - 130	30
% Dibromofluoromethane	104	%	99	99	0.0				70 - 130	30
% Toluene-d8	90	%	94	95	1.1				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

QA/QC Batch 714968 (ug/L), QC Sample No: CP91445 (CP89973 (2X))

Volatiles - Ground Water

1,1,1-Trichloroethane	ND	1.0	115	104	10.0				70 - 130	30
% 1,2-dichlorobenzene-d4	97	%	98	98	0.0				70 - 130	30
% Bromofluorobenzene	93	%	96	98	2.1				70 - 130	30
% Dibromofluoromethane	100	%	99	97	2.0				70 - 130	30

QA/QC Data

SDG I.D.: GCP89973

Parameter	Blank	Blk RL		LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
% Toluene-d8	91	%		95	95	0.0				70 - 130	30

Comment:

A LCS and LCS Duplicate were performed instead of a matrix spike and matrix spike duplicate.

Additional 8260 criteria: 10% of LCS/LCSD compounds can be outside of acceptance criteria as long as recovery is 40-160%, 25-160% for Chloroethane-HL and Trichlorofluoromethane-HL.

I = This parameter is outside laboratory LCS/LCSD specified recovery limits.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller, Laboratory Director
January 24, 2024

Wednesday, January 24, 2024

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCP89973 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP89973	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	27	2.0	5	5	ug/L
CP89973	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	27	2.0	5	5	ug/L
CP89973	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89973	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89973	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89973	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.30	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.26	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.37	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.22	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.21	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.23	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.30	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.23	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.26	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.22	0.02	0.002	0.002	ug/L
CP89973	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.21	0.02	0.002	0.002	ug/L
CP89974	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	17	1.0	5	5	ug/L
CP89974	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	14	1.0	5	5	ug/L
CP89974	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89974	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89974	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89974	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CP89974	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	17	1.0	5	5	ug/L
CP89974	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.12	0.02	0.002	0.002	ug/L
CP89974	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
CP89975	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	14	1.0	5	5	ug/L
CP89975	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89975	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89975	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89975	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	14	1.0	5	5	ug/L
CP89975	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L

Wednesday, January 24, 2024

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCP89973 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP89975	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89975	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89976	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	12	1.0	5	5	ug/L
CP89976	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89976	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89976	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	12	1.0	5	5	ug/L
CP89976	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89976	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89976	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89977	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	5.1	1.0	5	5	ug/L
CP89977	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	5.1	1.0	5	5	ug/L
CP89977	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89977	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89977	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89977	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L

Sample Criteria Exceedances Report

Criteria: NY: GW

State: NY

GCP89973 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP89977	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89977	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89978	$8260GWR	Tetrachloroethene	NY / TAGM - Volatile Organics / Groundwater Standards	11	1.0	5	5	ug/L
CP89978	$8260GWR	Tetrachloroethene	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CP89978	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89978	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89978	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89978	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89978	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89979	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	50	5.0	5	5	ug/L
CP89979	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	50	5.0	5	5	ug/L
CP89979	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89979	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89979	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89979	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89979	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	ND	0.02	0.002	0.002	ug/L
CP89980	$8260GWR	1,1,1-Trichloroethane	NY / TAGM - Volatile Organics / Groundwater Standards	11	1.0	5	5	ug/L
CP89980	$8260GWR	1,1,1-Trichloroethane	NY / TOGS - Water Quality / GA Criteria	11	1.0	5	5	ug/L
CP89980	$8260GWR	1,2,3-Trichloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.04	0.04	ug/L
CP89980	$8260GWR	1,2-Dibromo-3-chloropropane	NY / TOGS - Water Quality / GA Criteria	ND	0.50	0.04	0.04	ug/L
CP89980	$8260GWR	1,2-Dibromoethane	NY / TOGS - Water Quality / GA Criteria	ND	0.25	0.0006	0.0006	ug/L
CP89980	$BNWM-SIMR	Benz(a)anthracene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.03	0.02	0.002	0.002	ug/L

Wednesday, January 24, 2024

Criteria: NY: GW

State: NY

Sample Criteria Exceedances Report

GCP89973 - GC-ENV

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units
CP89980	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.12	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Chrysene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benzo(a)pyrene	NY / TAGM - Semi-Volatiles / Groundwater Standards	0.13	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benzo(b)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benzo(k)fluoranthene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Chrysene	NY / TOGS - Water Quality / GA Criteria	0.02	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Indeno(1,2,3-cd)pyrene	NY / TOGS - Water Quality / GA Criteria	0.12	0.02	0.002	0.002	ug/L
CP89980	$BNWM-SIMR	Benz(a)anthracene	NY / TOGS - Water Quality / GA Criteria	0.03	0.02	0.002	0.002	ug/L

Phoenix Laboratories does not assume responsibility for the data contained in this exceedance report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 24, 2024 SDG I.D.: GCP89973

The following analysis comments are made regarding exceptions to criteria not already noted in the Analysis Report or QA/QC Report:

SVOASIM Narration

CHEM69 01/22/24-1: CP89973, CP89974, CP89975, CP89976, CP89977, CP89978, CP89979, CP89980

The following Continuing Calibration compounds did not meet % deviation criteria: Benzo(k)fluoranthene 35%H (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.

VOA Narration

CHEM02 01/18/24-1: CP89974, CP89975, CP89976, CP89977, CP89978, CP89979, CP89980

Chem02 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 28% (20%), Naphthalene 23% (20%), trans-1,4-dichloro-2-butene 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.146 (0.2), 1,1,2-Trichloroethane 0.077 (0.2), 1,2,3-Trichlorobenzene 0.235 (0.4), 1,2,4-Trichlorobenzene 0.303 (0.4), 1,2-Dibromoethane 0.079 (0.2), 1,2-Dichloropropane 0.140 (0.2), Acrylonitrile 0.029 (0.05), Bromochloromethane 0.098 (0.1), Bromodichloromethane 0.177 (0.3), Bromoform 0.044 (0.1), cis-1,3-Dichloropropene 0.198 (0.3), Dibromochloromethane 0.109 (0.2), Ethylbenzene 0.293 (0.4), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,3-Dichloropropene 0.133 (0.3), trans-1,4-dichloro-2-butene 0.040 (0.05), Trichloroethene 0.190 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.020 (0.05), 2-Hexanone 0.032 (0.05), 4-Methyl-2-pentanone 0.046 (0.05), Acetone 0.026 (0.05), Acrylonitrile 0.029 (0.05), Bromoform 0.044 (0.05), Methyl ethyl ketone 0.037 (0.05), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,4-dichloro-2-butene 0.040 (0.05)

The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.152 (0.2), 1,1,2-Trichloroethane 0.074 (0.2), 1,2,3-Trichlorobenzene 0.241 (0.4), 1,2,4-Trichlorobenzene 0.316 (0.4), 1,2-Dibromoethane 0.084 (0.2), 1,2-Dichloropropane 0.141 (0.2), Acrylonitrile 0.029 (0.05), Bromodichloromethane 0.184 (0.3), Bromoform 0.046 (0.1), cis-1,3-Dichloropropene 0.186 (0.3), Dibromochloromethane 0.118 (0.2), Ethylbenzene 0.315 (0.4), Tetrahydrofuran (THF) 0.022 (0.05), trans-1,3-Dichloropropene 0.131 (0.3), trans-1,4-dichloro-2-butene 0.037 (0.05), Trichloroethene 0.195 (0.2)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.020 (0.05), 2-Hexanone 0.032 (0.05), 4-Methyl-2-pentanone 0.046 (0.05), Acetone 0.026 (0.05), Acrylonitrile 0.029 (0.05), Bromoform 0.044 (0.05), Methyl ethyl ketone 0.037 (0.05), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,4-dichloro-2-butene 0.040 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

CHEM02 01/19/24-2: CP89973

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ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Comments

January 24, 2024 SDG I.D.: GCP89973

Chem02 is a 25ml purge instrument. The laboratory minimum response factor is set at 0.01 instead of 0.05 for the 25ml purge instruments. EPA method 8260D Table 4 supports this approach.

The following Initial Calibration compounds did not meet RSD% criteria: 1,2-Dibromo-3-chloropropane 28% (20%), Naphthalene 23% (20%), trans-1,4-dichloro-2-butene 22% (20%)
The following Initial Calibration compounds did not meet maximum RSD% criteria: None.
The following Initial Calibration compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.146 (0.2), 1,1,2-Trichloroethane 0.077 (0.2), 1,2,3-Trichlorobenzene 0.235 (0.4), 1,2,4-Trichlorobenzene 0.303 (0.4), 1,2-Dibromoethane 0.079 (0.2), 1,2-Dichloropropane 0.140 (0.2), Acrylonitrile 0.029 (0.05), Bromochloromethane 0.098 (0.1), Bromodichloromethane 0.177 (0.3), Bromoform 0.044 (0.1), cis-1,3-Dichloropropene 0.198 (0.3), Dibromochloromethane 0.109 (0.2), Ethylbenzene 0.293 (0.4), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,3-Dichloropropene 0.133 (0.3), trans-1,4-dichloro-2-butene 0.040 (0.05), Trichloroethene 0.190 (0.2)
The following Initial Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.020 (0.05), 2-Hexanone 0.032 (0.05), 4-Methyl-2-pentanone 0.046 (0.05), Acetone 0.026 (0.05), Acrylonitrile 0.029 (0.05), Bromoform 0.044 (0.05), Methyl ethyl ketone 0.037 (0.05), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,4-dichloro-2-butene 0.040 (0.05)

The following Continuing Calibration compounds did not meet % deviation criteria: Bromomethane 39%L (30%)
The following Continuing Calibration compounds did not meet Maximum % deviation criteria: None.
The following Continuing Calibration compounds did not meet recommended response factors: 1,1,2,2-Tetrachloroethane 0.152 (0.2), 1,1,2-Trichloroethane 0.077 (0.2), 1,2,3-Trichlorobenzene 0.247 (0.4), 1,2,4-Trichlorobenzene 0.319 (0.4), 1,2-Dibromoethane 0.083 (0.2), 1,2-Dichloropropane 0.141 (0.2), Acrylonitrile 0.032 (0.05), Bromodichloromethane 0.175 (0.3), Bromoform 0.045 (0.1), cis-1,3-Dichloropropene 0.177 (0.3), Dibromochloromethane 0.117 (0.2), Ethylbenzene 0.291 (0.4), Tetrahydrofuran (THF) 0.025 (0.05), trans-1,3-Dichloropropene 0.128 (0.3), trans-1,4-dichloro-2-butene 0.032 (0.05), Trichloroethene 0.183 (0.2)
The following Continuing Calibration compounds did not meet minimum response factors: 1,2-Dibromo-3-chloropropane 0.020 (0.05), 2-Hexanone 0.032 (0.05), 4-Methyl-2-pentanone 0.046 (0.05), Acetone 0.026 (0.05), Acrylonitrile 0.029 (0.05), Bromoform 0.044 (0.05), Methyl ethyl ketone 0.037 (0.05), Tetrahydrofuran (THF) 0.024 (0.05), trans-1,4-dichloro-2-butene 0.040 (0.05)

Up to eight compounds can be outside of ICAL %RSD criteria and up to sixteen compounds can be outside of CCAL %Dev criteria if less than 40%.

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NY Temperature Narration

January 24, 2024

SDG I.D.: GCP89973

The samples in this delivery group were received at 2.9°C.
(Note acceptance criteria for relevant matrices is above freezing up to 6°C)

Cooler: Yes ☑ No ☐
Coolant: IPK ☑ ICE ☐ No ☐
Temp 3.9 °C Pg of

PHOENIX
Environmental Laboratories, Inc.

NY/NJ/PA CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: Makrina Nolan, makrina@phoenixlabs.com Fax (860) 645-0823
Client Services (860) 645-1102

Contact Options:
☑ Phone: 631-206-3700
☐ Fax:
☑ Email: ttaylor@gceenvironmental.com

Customer: G.C. Environmental, Inc.
Address: 22 Oak Street
Bay Shore, NY 11706

Project: 05-003-00 (101 Westwood)
Report to: Tulya Taylor
Invoice to: Nina Legakis
QUOTE # :
Project P.O: 12855 COM

This section MUST be completed with Bottle Quantities.

Sampler's Signature
Client Sample - Information - Identification
Date: 1.15.24

Matrix Code:
DW=Drinking Water **GW**=Ground Water **SW**=Surface Water **WW**=Waste Water
RW=Raw Water **SE**=Sediment **SL**=Sludge **S**=Soil **SD**=Solid **W**=Wipe **OIL**=Oil
B=Bulk **L**=Liquid

Analysis Request

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	*MS/MSD (May be billable at analysis unit rate)	VOCs - EPA 8260	SVOCs - EPA 8270	GL Amber 8 oz. [ ] w/H_3PO_4 [ ] $NaHSO_4$	Soil VOA Vials [ ] methanol [ ] H_2O	GL Soil container ( ) oz	GL Soil container ( ) oz	40 ml VOA Vial [ ] As is [X] HCl	GL Amber 1000ml [X] As is [ ]	PL As is [ ] 250ml [ ] 500ml [ ] 1000ml	PL H_2SO_4 [ ] 250ml [ ] 500ml [ ] 1000ml	PL NaOH 250ml	PL HNO_3 250ml	Bacteria Bottle w/thio	Bacteria Bottle as is
89973	MW-1	GW	1.15.24	8:00am		X	X					3	1						
89974	MW-2	"	"	8:20am		X	X					3	1						
89975	MW-3	"	"	8:45pm		X	X					3	1						
89976	MW-4	"	"	9:15am		X	X					3	1						
89977	MW-5	"	"	10:00am		X	X					3	1						
89978	MW-6	"	"	10:30am		X	X					3	1						
89979	MW-7	"	"	11:00am		X	X					3	1						
89980	MW-8	"	"	11:30am		X	X					3	1						

Relinquished by:	Accepted by:	Date:	Time:
		1/17/24	11:13
		1/17/24	16:35

Comments, Special Requirements or Regulations:

***MS/MSD are considered site samples and will be billed as such in accordance with the prices quoted.**

Data Format:
☑ Phoenix Std Report ☐ EQuIS
☑ Excel ☐ NJ Hazsite EDD
☑ PDF ☐ NY EZ EDD (ASP)
☐ GIS/Key ☐ Other

Turnaround:
☐ 1 Day*
☐ 2 Days*
☐ 3 Days*
☐ 4 Days*
☐ 5 Days*
☑ Standard
* SURCHARGE APPLIES

Data Package:
☐ NJ Reduced Deliv. *
☐ NY Enhanced (ASP B) *
☐ Other

NJ
☐ Res. Criteria
☐ Non-Res. Criteria
☐ Impact to GW Soil Cleanup Criteria
☐ Impact to GW soil screen Criteria
☐ GW Criteria

NY
☑ TOGS GW
☐ CP-51 SOIL
☐ 375SCO Unrestricted Soil
☐ 375SCO Residential Soil
☐ 375SCO Residential Restricted Soil
☐ 375SCO Commercial Soil
☐ 375SCO Industrial Soil
☐ Subpart 5 DW

PA
☐ Clean Fill Limits
☐ PA-GW
☐ Reg Fill Limits
☐ PA Soil Restricted
☐ PA Soil non-restricted

State Samples Collected? NY

PEL-111 Rev 1/2023