

Phase II Supplemental Environmental

Site Assessment

20 & 40 Jerusalem Avenue, Hicksville, New York 11801

Submitted to:

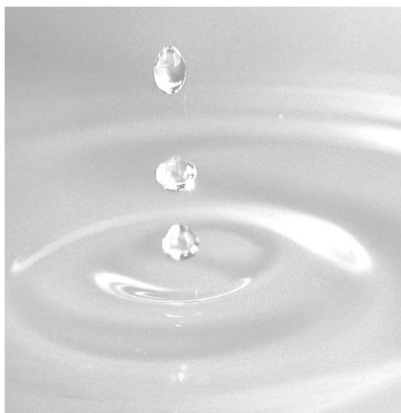
Mr. Anthony Bartone
Terwilliger & Bartone Properties
141 Merritts Road, 2nd Floor
Farmingdale , NY 11735

Submitted by:

GEI Consultants, Inc. DBA GEI Consultants Engineering,
Geology, Architecture & Landscape Architecture
1000 New York Avenue, Ste. B
Huntington Station, NY 11746
631.760.9300

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Richard Fasciani
Project Scientist

Stephen Tauss, P.G.
In-House Reviewer / Senior Project Manager

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1. Introduction

GEI Consultants, Inc. DBA GEI Consultants Engineering, Geology, Architecture & Landscape Architecture (GEI) was retained by Terwilliger & Bartone Properties (TBP) to perform a Supplemental Phase II Environmental Site Assessment (ESA) for the property located at 20 & 40 Jerusalem Avenue in Hicksville, Nassau County, New York (collectively, “the Site”). The Site location is shown on Figure 1.

GEI understands that TBP is interested in potentially entering the Site into the New York State Department of Environmental Conservation (NYSDEC) Brownfield Cleanup Program (BCP). The Supplemental Phase II ESA scope was developed based upon the findings of GEI’s October 2024 Phase I ESA and May 2024 Phase II ESA, as further described in Section 2, and for the purposes of evaluating the Site for inclusion into the BCP program.

1.1. Site Description

The Site is approximately 2.2 acres in area (including both the 20 and 40 Jerusalem Avenue properties). The 40 Jerusalem Avenue property is improved with an approximate 3,600 square-foot rectangular shaped 1-story masonry and wood framed building (without basement), currently used as a laundromat and deli. The 20 Jerusalem Avenue property is improved with a 3-story multi-tenant office building with basement.

The elevation of the Site is approximately 140-feet above mean sea level (msl) and the topography is predominantly flat and level with surrounding streets. Additionally, the overall surrounding area appears to slope gently in a southerly direction. Based on information obtained during this Supplemental Phase II ESA, depth to groundwater is approximately 55 feet below ground surface (ft bgs). Groundwater is presumed to follow the topographic gradient and flow in a southerly direction.

1.2. Site History

GEI’s review of available historical information indicates that the Site was occupied in the 1930s by residential dwellings and a church until the mid-1960s, when these structures were demolished and the current buildings on the Site were constructed. After this, the building at 20 Jerusalem Avenue has been used for office and banking uses, and the building at 40 Jerusalem Avenue has been used as a dry cleaner, a flooring business, and most recently as a deli and a coin-operated laundry business.

1.3. Historical Investigations

40 Jerusalem Avenue Phase I Environmental Site Assessment - October 2024

GEI completed a Phase I ESA of this portion of the Site on behalf of TBP in October 2024. The following RECs were identified:

- **Historical Fuel Oil UST:** Historical records indicated that the building had a 1,000-gallon fuel oil underground storage tank (UST) that was closed in place in 1994. It is assumed that this UST was

installed when the building was constructed in 1966. No testing or closure information concerning this UST was obtained or provided to GEI. The lack of testing or closure information is considered a REC.

- **Stormwater Dry Wells:** Two open grate stormwater dry wells exist on the Site. Stormwater dry wells are often impacted by automotive lubricants and fluids, tire particles, degrading asphalt, and parking lot sealants. These stormwater dry wells represent a REC.
- **Cesspool and Three Equipment Dry Wells:** Historically, a 1966 Site Plan depicts the Site building as having a cesspool in the front of the building and three equipment dry wells which appear to be connected to the building. The actual date the septic system was closed, and the property was connected to the municipal sewer system is unknown. These drainage structures represent a REC.
- **Historical Dry Cleaner Operation.** Historically, the building had been operating as a dry-cleaning business since 1966 when it was constructed. The duration of this original dry-cleaning operation is unknown; however, telephone directory information depicted a dry-cleaning business to be associated with the Site in the late 1980s. Dry cleaning operations typically involve the storage and use of significant quantities of dry-cleaning solvents, including perchloroethylene. In addition, dry cleaning operations typically generate significant quantities of waste dry cleaning solvents. Therefore, the historical dry-cleaning use represents a REC.

40 Jerusalem Avenue Phase II Environmental Site Assessment – March 2025

GEI performed a Phase II ESA in March 2025 that included a geophysical investigation, the installation of five soil borings around equipment dry wells and an UST anomaly, one temporary groundwater well, three soil vapor probes, and collection of two sediment samples from two stormwater dry wells.

The field observations and sample analytical results from the Phase II ESA indicated the following:

- Based upon the geophysical investigation, an anomaly indicative of an UST was identified on the southern side of the front parking lot area, along Jerusalem Avenue. No VOCs, SVOCs, or metals were detected above applicable soil cleanup objectives (SCOs) in the soil samples collected in association with the UST anomaly.
- Several analytes were detected at concentrations exceeding their respective SCOs in Site soil associated with the two stormwater drywells, as follows:
 - **VOCs:** Acetone was detected above its PGSCO in DW-1 and DW-2 and chloroform was detected above its PGSCO in DW-1. Both compounds are typical laboratory contaminants.
 - **SVOCs:** Benzo(a)anthracene, benzo(b)fluoranthene, benzo(k)fluoranthene, and chrysene were detected at concentrations exceeding the PGSCOs in both DW-1 and DW-2. In addition, indeno(1,2,3-cd)pyrene was detected at concentrations exceeding its PGSCOs in DW-2. With the exception of chloroform, the greater concentrations and occurrences of VOC and SVOC exceedances were generally observed in DW-2.
- Based on field observations, it is possible that the equipment dry wells have not been closed.

- No VOCs, SVOCs, or metals were detected above applicable SCOs in the soil samples collected adjacent to the equipment dry wells.
- Tetrachlorethylene (TCE) was detected well below the NYSDEC Technical and Operational Guidance Series (TOGS) ambient water quality standards (AWQS) in the groundwater sample. No other VOCs or SVOCs were detected in the groundwater sample.
- Multiple chlorinated VOCs (CVOCs) (1,1-dichloroethylene, cis-1,2-dichloroethylenewere, tetrachloroethylene, trichloroethylene, and vinyl chloride) were detected at high concentrations in one or more of all collected soil vapor samples. The greater concentrations and occurrences of VOCs were detected in the northwest corner of the front parking lot. These detections are likely associated with the former dry-cleaning operations at the Site.

20 Jerusalem Avenue Phase I Environmental Site Assessment - April 2024

GEI completed a Phase I ESA of this portion of the Site on behalf of TBP in April 2024. The following RECs were identified:

- **Stormwater Dry Wells:** GEI observed numerous open grate stormwater dry wells in the parking areas. Stormwater dry wells are often impacted by automotive lubricants and fluids, tire particles, vehicle exhaust, degrading asphalt, or parking lot sealants. These drainage systems represent a REC and GEI recommended that an assessment and evaluation of the stormwater dry wells be performed, and the bottom sediments (if impacted) be removed and properly disposed. Additionally, should the dry wells require removal to facilitate redevelopment of the Site, they should be removed/abandoned in accordance with the USEPA UIC Program.
- **Sanitary System:** Evidence exists that the building discharges sanitary wastewater to an on-site septic/cesspool system. Given the current and historical banking and office types of operations, it is unlikely that the environmental integrity of the soils within the area of the sanitary system have been impacted. However, it should be noted that it is a Nassau County Public Health Ordinance requirement that the building be connected to the municipal sewer system and the on-site sanitary system must be properly closed in accordance with Nassau County Department of Health On-site Sanitary System Abandonment Procedures, which requires sampling the system.
- **Fuel Oil Tank:** No USTs or ASTs were observed on the Site or referenced in any regulatory agency database listing. Additionally, no visual evidence (e.g., fill port or vent line, plumbing, etc.) for a fuel oil tank was observed. However, the historical building and tax assessor records indicated that the building utilized fuel oil for heating at the time the building was constructed. Mr. Grossman stated that since he purchased the building in 2005, natural gas has always been utilized for heating and that he is unaware of any fuel oil tanks on the Site.
- No statement can be made with regard to whether or not a fuel oil UST is buried on the Site or if it was previously removed or if it was originally an AST that was removed. Therefore, to rule out the possibility of a UST being buried on the Site, it is GEI's opinion that a ground penetrating radar (GPR) survey be performed.

20 Jerusalem Avenue Phase II Environmental Site Assessment - June 2024

GEI performed a Phase II ESA in June 2024 that included, a geophysical investigation to check for the presence of a fuel oil UST, the collection of sediment samples from 15 stormwater dry wells and one solid cover stormwater manhole and the collection of one sediment sample from the sanitary septic/cesspool system.

The field observations and sample analytical results from the Phase II ESA indicated the following:

- **Stormwater Dry Wells:** Sediment samples recovered from 16 stormwater drainage structures consisted predominantly of black, brown and/or tan, medium to coarse sands, with some pebbles. Some sediment samples were noted with a slight organic odor and but there were no detected photoionization detector (PID) concentrations. The dry well sample depths ranged from 8 feet to 16 feet below grade surface (bgs).
 - **VOCs:** VOCs were either not detected or were detected at concentrations well below the PGSCO for all sediment samples, with one exception: acetone, a common laboratory contaminant, was detected at concentrations above its PGSCO in SW-10, SW-12, and SWMH-16.
 - **SVOCs:** One or more of several polycyclic aromatic hydrocarbons (PAHs), a subset of SVOCs, were identified at concentrations slightly to moderately exceeding the PGSCO at 13 of the 16 drainage structures. SW-7, SW-13, and SW-14 contained only Chrysene at concentrations slightly exceeding its PGSCO. These detections are consistent with normal parking lot usage and rainwater runoff.
 - **Metals:** Metals were either not detected or detected well below the PGSCOs.
- **Sanitary System:** GEI proposed taking a sediment sample from the bottom of each of the two septic/cesspools observed during the Phase I ESA. However, during field activities, it was noted that the two covers associated with the septic/cesspools were actually one interconnected septic tank (bgs). Therefore, one sample was obtained. The sediment sample recovered from the septic/cesspool system was consistent with human waste and had a strong sanitary or septic-like odor. The septic/cesspool system sample depth was 9.5 feet bgs. GEI compared the sediment analytical results for SS-1 to the applicable PGSCOs.
 - **VOCs:** One VOC compound, 2 butanone, was detected at 0.23 mg/kg, slightly above the PGSCO of 0.12 mg/kg; a second VOC, Acetone, was detected at 0.60 mg/kg, above the PGSCO of 0.05 mg/kg.
 - Metals and SVOCs were either not detected or were detected at concentrations well below their applicable PGSCOs, with the exception of mercury, which was detected at 1.76 mg/kg, above the PGSCO of 0.73 mg/kg.
 - **Total Petroleum Hydrocarbons (TPH):** TPH was detected at a concentration of 117 mg/kg. There is no guidance value for TPH.
- **Fuel Oil Tank:** To check for the presence of a fuel oil UST a GPR and magnetometer surveys were completed. The survey area included the perimeter of the building. No anomalies indicative of a UST were identified.

1.4. Limitations and Exceptions

This Supplemental Phase II ESA was prepared in general accordance with the requirements of the May 29, 2025 scope of work and associated Agreement between TBP and GEI, authorized on June 2, 2024.

2. Scope of Work

This section provides a description of the activities performed and the methods used for conducting the fieldwork.

As detailed above, this Supplemental Phase II ESA was completed based upon the findings of GEI's previous investigations, as well as for the purposes of evaluating the Site for inclusion into the BCP program.

GEI conducted all Supplemental Phase II ESA field activities on June 12-13 and June 16, 2025. All work was completed per the requirements of the May 29, 2025, scope of work. Sample locations are shown on Figure 2.

2.1. Geophysical Investigation

Prior to intrusive field activities, GPR and magnetometer surveys were performed by Clean Globe Environmental LLC (Clean Globe) of Brentwood, New York to identify and determine the locations of underground features and subsurface utilities present at the Site. The survey area included all open and accessible areas of the exterior portion of the Site, as shown on Figure 2. GEI was present during the geophysical investigation.

The GPR survey was completed with a Geophysical Survey Systems Inc. SIR-4000 cart-mounted unit with an 810 Mhz antenna, a Radio detection RD8000 precision utility locator, and a Fisher M-Scope TW-6 pipe and cable locator using inductive mode tracing.

2.2. Soil Boring Installation and Sampling

Multiple soil borings, temporary groundwater probes, and soil vapor probes were installed at the Site by Clean Globe, utilizing using a track-mounted 7822DT direct-push drill rig and a hand auger, as needed.

The soil boring and sampling program involved the installation of 13 soil borings, with discrete soil samples collected in 5-foot intervals throughout the entire depth of the boreholes. Sample locations are shown on Figure 2 and were collected as follows:

- Site-Wide Soil Borings
 - To assess the presence of historical fill and impacts from historical operations on the 20 Jerusalem Avenue property, four soil borings were completed in an area that was formerly occupied by a church (SB-1 and SB-4) and in an areas that were formerly occupied by residential dwellings (SB-5, SB-6, and SB-7).
 - Two soil borings (SB-2 and SB-3) were completed on the northern and southern sides of the lint collection system vault on the 40 Jerusalem Avenue property. It should be noted that this structure was constructed with a solid bottom and its discharge point was not able to be identified.

- Southwestern Dry Wells, Equipment Dry Wells, and Cesspool (40 Jerusalem Avenue)
 - One soil boring was installed within each of two dry wells (DW-1 and DW-2) identified off the southwest corner of the Site building during the geophysical survey.
 - One soil boring was installed within each of the three equipment dry wells (EDW-1 through EDW-3), where a total of two soil samples were collected, one from the bottom surface and one below the bottom surface, for laboratory analysis.
 - One soil boring (CP-1) was installed within the area on the east side of the 40 Jerusalem Avenue building, where a cesspool was identified on a historical 1966 Site Drainage Plan.
- A total of 19 soil and sediment samples were collected as part of this effort.

Soil samples were logged by a GEI geologist who recorded geologic data, observations regarding moisture content, the results of PID soil headspace readings, and visual and olfactory observations regarding the presence of a staining, sheen, discoloration or odors that may be indicative of the presence of hydrocarbons or other contaminant residuals. Soil boring logs are included in Appendix A and photographs collected during the investigation are presented in Appendix B.

2.3. Temporary Groundwater Probe Installation and Sampling

A total of five temporary groundwater probes (TMW-1 through TMW-5) were installed using the truck-mounted drill rig to immediately below the water table, at an approximate depth of 55 ft bgs. As stated previously, groundwater is presumed to follow the topographic gradient and flow in a southerly direction.

Groundwater sampling was conducted using a decontaminated stainless-steel check valve with dedicated tubing.

2.4. Soil Vapor Probe Installation and Sampling

Six temporary soil vapor probes (SV-1 through SV-6) were installed in the asphalt parking areas surrounding the northern and western portions of the Site building to further delineate previously identified contaminants in Site soil vapor.

The soil vapor probes were installed to a depth of approximately 15 feet below grade, generally coinciding with the presumed depth of the future building basement. The soil vapor probes were advanced using direct push drilling methods and consisted of 1 inch diameter steel rods with a prefabricated 3-inch perforated steel vapor probe tip attached to $\frac{3}{8}$ inch diameter low density polyethylene (LDPE) plastic tubing. Once driven to depth, the rods were removed leaving only the perforated tip and tubing in the ground. The vapor probe borehole was then backfilled with #2 Morie well grade gravel and a surface seal was constructed using an impermeable clay seal at the last 6 inches of the annulus from surface grade.

The soil vapor probes were purged using a hand pump after installation to insure a proper seal. Helium gas was used in accordance with NYSDOH protocols to serve as a Quality Assurance/Quality Control

(QA/QC) device to verify the integrity of the seal. A portable monitoring device was used to analyze for the tracer prior to sampling. Following sample collection, tracer monitoring was performed a second time to confirm seal integrity.

Flow rate of both purging and sampling did not exceed 0.2 liters per minute (L/min), and sampling occurred for a duration of 2 hours. Helium breakthrough was not detected at any soil vapor sample point.

All soil vapor samples were collected in laboratory supplied, batch certified 6-liter summa canisters and were analyzed for VOCs via TO 15 in accordance with NYSDOH's Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York (May 2017). The soil vapor probe tubing was removed following sampling.

2.5. Laboratory Analysis

All sediment and soil samples were analyzed for volatile organic compounds (VOCs) by USEPA Method 8260, semi-volatile organic compounds (SVOCs) by USEPA 8270, and target analyte list (TAL) metals. All groundwater samples were analyzed for VOCs by USEPA Method 8260. All soil vapor samples were analyzed for VOCs by USEPA Method TO-15.

Upon collection, soil and groundwater samples were placed into an iced cooler. Soil vapor samples were not chilled. All samples were transported under standard Chain of Custody procedures to Eurofins Environment Testing (Eurofins) a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP)-certified laboratory. Laboratory analytical reports are provided in Appendix C.

2.6. Health and Safety Plan

GEI uses a site-specific health and safety plan (HASP) for all investigative work, which assigns responsibilities, establishes personal protection standards, recommends operating procedures, and provides for contingencies that may arise during performance of the assessment at the Site. The protocols in the HASP apply to all personnel, including GEI, all outside subcontractors, client, or regulatory agencies present during the performance of the work.

In addition, the following safety equipment is made available for responding to potential emergency situations: portable eyewash, ABC fire extinguisher, and first aid kit. Telephone numbers of emergency response units in the area are also included. All personnel working at the Site are also required to receive training in respirator fitting, emergency procedures, equipment decontamination and specific task procedures, as appropriate. All personnel involved with the collection of soil, groundwater, and soil vapor samples have successfully completed the 40-hour Occupational Safety and Health Administration (OSHA) Hazardous Materials Training Program.

3. Findings

3.1. Lithology and Hydrogeology

Based on review of the soil boring logs provided in Appendix A, the stratigraphy of the Site within the paved parking areas consists of an approximate 3 to 6-inch cover of asphalt underlain by brown to tan fine to coarse sand and silt with varying amounts of fine gravel, observed to the terminal depth of each boring. Evidence of fill material, including brick and concrete fragments, was noted at soil borings SB-4, SB-6, and SB-7 from approximately 1 to 2 ft bgs. No soil staining or odors or elevated PID concentrations were observed in soil recovered in these areas.

Following voids in the drainage structures ranging from 4 to 15 feet below grade, soil of a similar physical make-up was identified within the dry wells southwest of the Site building and equipment dry wells to the east of the Site building. However, sediment exhibiting strong odors and PID concentrations of up to 4,585 parts per million (ppm) was noted at the surface of Equipment Dry Well 1. The upper approximately 4 to 6 inches of the sediment within Equipment Dry Well 1 consisted of a black sludge-like material. Slightly elevated PID concentrations (5.8 ppm) were also identified in surface sediment at Equipment Dry Well 2.

As stated previously, the depth to groundwater at the Site was observed to be approximately 55 ft bgs and groundwater is presumed to follow the topographic gradient and flow in a southerly direction.

3.2. Geophysical Investigation and Survey

During the GPR survey, two dry well structures were identified off the southwest corner of the Site building. It is unclear what discharge these dry wells received. No other anomalies were identified at any proposed sample location throughout the Site.

3.3. Analytical Results

Soil sample analytical results for the site-wide borings and the borings advanced adjacent to the lint collection system vault were compared to the NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives (UUSCOs) and Restricted Residential Use Soil Cleanup Objectives (RRUSCOs) (Table 1), while analytical results for soil samples collected from and southwestern dry wells, the equipment drywells, and cesspool were compared to the NYSDEC Protection of Groundwater Soil Cleanup Objectives (PGSCOs) (Table 2).

Groundwater analytical results were compared to the NYSDEC TOGS AWQS (Table 3).

Soil vapor analytical results are provided on Table 4. It should be noted that, as the future use for the Site includes demolition of the existing Site building and replacement with a new residential building, indoor air samples were not collected as part of this investigation and, therefore, soil vapor results are not compared to the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion.

In addition, as Sample Exceedance Summary Map is provided as Figure 3.

3.3.1. Site-Wide Soil Analytical Results

Site-wide soil sample analytical results are provided on Table 1 and sample locations are provided on Figure 2.

Volatile Organic Compounds

VOCs were either not detected or were detected well below the UUSCOs and RRUSCOs.

Semi-Volatile Organic Compounds

Several PAHs, a subset of SVOCs, were detected above the UUSCOs and RRUSCOs in two of the seven soil samples, as follows:

- Benzo[a]anthracene, at a concentration of 1.6 milligrams per kilogram (mg/kg), was detected in exceedance of its RRSCO of 1 mg/kg in soil sample SB-7 (0-2).
- Benzo[a]pyrene, at a concentration of 2.1 mg/kg, was detected in exceedance of its RRSCO of 1 mg/kg in soil sample SB-7 (0-2).
- Benzo[b]fluoranthene, at concentrations of 1.5 mg/kg and 2.7 mg/kg, was detected in exceedance of its RRSCO of 1 mg/kg in soil samples SB-4 (0-2) and SB-7 (0-2), respectively.
- Benzo[k]fluoranthene, at a concentration of 1.0 mg/kg, was detected in exceedance of its USCO of 0.8 mg/kg in soil sample SB-7 (0-2).
- Chrysene, at a concentration of 1.8 mg/kg, was detected in exceedance of its USCO of 1 mg/kg in soil sample SB-7 (0-2).
- Dibenzo(a,h)anthracene, at a concentration of 0.41 mg/kg, was detected in exceedance of its RRSCO of 0.33 mg/kg in soil sample SB-7 (0-2).
- Indeno[1,2,3-cd]pyrene, at concentrations of 0.75 mg/kg and 1.6 mg/kg, was detected in exceedance of its RRSCO of 0.5 mg/kg in soil samples SB-4 (0-2) and SB-7 (0-2), respectively.

It should be noted that evidence of fill material, including brick and concrete fragments, was noted at soil boring SB-7, as well as at soil borings SB-4 and SB-6, from approximately 1 to 2 ft bgs.

Metals

Two metals (lead and mercury) were detected above the UUSCOs in two of the seven soil samples, as follows:

- Lead, at concentrations of 155 mg/kg and 90.3 mg/kg, was detected in exceedance of its USCO of 63 mg/kg in soil samples SB-4 (0-2) and SB-7 (0-2), respectively.
- Mercury, at a concentration of 0.20 mg/kg, was detected in exceedance of its USCO of 0.18 mg/kg in soil sample SB-4 (0-2).

It should be noted that evidence of fill material, including brick and concrete fragments, was noted at soil boring SB-7, as well as at soil borings SB-4 and SB-6, from approximately 1 to 2 ft bgs.

3.3.2. Southwestern Dry Wells, Equipment Dry Wells, and Cesspool Sediment and Soil Analytical Results

No exceedances of the PGSCOs were identified in any of the subsurface drainage structures investigated, with the exception of several chlorinated VOCs and PAHs in Equipment Dry Well 1, as summarized below. As described above, the upper approximately 4 to 6 inches of the sediment within Equipment Dry Well 1 consisted of a black sludge-like material.

Volatile Organic Compounds

- cis-1,2-Dichloroethene, at a concentration of 890 mg/kg, was detected in exceedance of its PGSCO of 0.25 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).
- Tetrachloroethene, at concentrations of 76,000 mg/kg and 2.4 mg/kg, was detected in exceedance of its PGSCO of 1.3 mg/kg in equipment dry well samples EDW-1 (14 to 15) (bottom surface sample) and EDW-1 (19-20), respectively.
- Trichloroethene, at a concentration of 3,400 mg/kg, was detected in exceedance of its PGSCO of 0.47 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).

Semi-Volatile Organic Compounds

- Benzo[a]anthracene, at a concentration of 4.3 mg/kg, was detected in exceedance of its PGSCO of 1 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).
- Benzo[b]fluoranthene, at a concentration of 11.5 mg/kg, was detected in exceedance of its PGSCO of 1.7 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).
- Benzo[k]fluoranthene, at a concentration of 3.1 mg/kg, was detected in exceedance of its PGSCO of 1.7 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).
- Chrysene, at a concentration of 7.7 mg/kg, was detected in exceedance of its PGSCO of 1 mg/kg in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).

3.3.3. Groundwater Analytical Results

VOCs, SVOCs, and metals were either not detected or were detected well below the AWQS for all groundwater samples.

3.3.4. Soil Vapor Analytical Results

Several VOCs were detected in all collected soil vapor samples.

In general, the greater chlorinated VOC concentrations in soil vapor were identified in the eastern portion of the Site at SV-1, collected in the vicinity of the equipment dry wells. Of particular note, several chlorinated VOCs were detected at significant concentrations at soil vapor sample point SV-1, as follows:

- cis-1,2-Dichloroethene was detected at concentrations of up to 8,390 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$).
- Tetrachloroethene was detected at concentrations of up to 24,000 $\mu\text{g}/\text{m}^3$.
- trans-1,2-Dichloroethene was detected at concentrations of up to 556 $\mu\text{g}/\text{m}^3$.
- Trichloroethene was detected at concentrations of up to 9,450 $\mu\text{g}/\text{m}^3$.

In addition, concentrations of the above chlorinated VOCs on the 20 Jerusalem Avenue property were generally detected in all SV probes at concentrations below those identified in SV-1. Furthermore, significant concentrations of chlorinated VOCs were also detected in association with Equipment dry wells on the 40 Jerusalem Avenue property during the previously completed Phase II ESA, with concentrations of cis-1,2-dichloroethylene detected at concentrations of up to 110,000 $\mu\text{g}/\text{m}^3$.

Although orders of magnitude below these chlorinated VOCs, the greater petroleum-related VOC concentrations were identified in the western portion of the Site at soil vapor sample points SV-5 and SV-6.

4. Conclusions and Recommendations

4.1. Conclusions

As detailed above, the Supplemental Phase II ESA was completed based upon the findings of GEI's previous investigations, as well as for the purposes of evaluating the Site for inclusion into the BCP program.

During the GPR survey, two dry well structures were identified off the southwest corner of the Site building.

Based on review of the soil boring logs, the stratigraphy of the Site within the paved parking areas consists of an approximate 3 to 6-inch cover of asphalt underlain by brown to tan fine to coarse sand and silt with varying amounts of fine gravel, observed to the terminal depth of each boring. Evidence of fill material, including brick and concrete fragments, was noted at soil borings SB-4, SB-6, and SB-7 from approximately 1 to 2 ft bgs. No soil staining or odors or elevated PID concentrations were observed in soil recovered in these areas.

Following voids ranging from 4 to 15 feet below grade, soil of a similar physical make-up was identified within the southwest dry wells, equipment dry wells, and cesspool to the east of the 40 Jerusalem Avenue building. However, gray colored sediment exhibiting strong odors and PID concentrations of up to 4,585 ppm was noted at the surface of Equipment Dry Well 1. Slightly elevated PID concentrations (5.8 ppm) were also identified in surface sediment at Equipment Dry Well 2.

Groundwater at the Site was encountered at approximately 55 ft bgs. As stated previously, groundwater is presumed to follow the topographic gradient and flow in a southerly direction.

In summary, sample analytical results indicated the following:

Soil

- Site-Wide Soil Borings:
 - VOCs were either not detected or were detected well below the UUSCOs and RRUSCOs.
 - Several PAHs (benzo[a]anthracene, benzo[a]pyrene, benzo[b]fluoranthene, benzo[k]fluoranthene, chrysene, dibenzo(a,h)anthracene, and indeno[1,2,3-cd]pyrene) were detected above the UUSCOs and RRUSCOs, with the maximum concentrations all detected in soil sample SB-7 (0-2), collected in the southwest portion of the Site.
 - Lead was detected in exceedance of its USCO in soil samples SB-4 (0-2) and SB-7 (0-2), collected in the northern-central and southwestern portions of the Site, respectively. Mercury was also detected in exceedance of its UUSCO in soil sample SB-4 (0-2).
- Southwestern Dry Wells, Equipment Dry Wells, and Cesspool:

- Several chlorinated VOCs (cis-1,2-dichloroethene, tetrachloroethene, and trichloroethene) were detected significantly above the PGSCOs in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample), with tetrachloroethene also detected slightly above its PGSCO in equipment dry well sample EDW-1 (19 to 20). As described above, the upper approximately 4 to 6 inches of the sediment within Equipment Dry Well 1 consisted of a black sludge-like material
- Several PAHs (benzo[a]anthracene, benzo[b]fluoranthene, benzo[k]fluoranthene, and chrysene) were detected above the PGSCOs in equipment dry well sample EDW-1 (14 to 15) (bottom surface sample).
- No exceedances of the PGSCOs were identified in any of the subsurface drainage structures investigated, with the exception of several chlorinated VOCs and PAHs in Equipment Dry Well 1.

Groundwater

VOCs, SVOCs, and metals were either not detected or were detected well below the AWQS for all groundwater samples.

Soil Vapor

- In general, the greater chlorinated VOC concentrations in soil vapor were identified in the eastern portion of the Site at SV-1, collected in the vicinity of the equipment dry wells.
- Of particular note, several chlorinated VOCs (cis-1,2-dichloroethene [8,390 µg/m³], tetrachloroethene [24,000 µg/m³], trans-1,2-dichloroethene [556 µg/m³], and trichloroethene [9,450 µg/m³]) were detected at significant concentrations at soil vapor sample point SV-1.

In addition, concentrations of the above chlorinated VOCs on the 20 Jerusalem Avenue property were generally detected in all SV probes at concentrations below those identified in SV-1. Furthermore, significant concentrations of chlorinated VOCs were also detected in association with Equipment dry wells on the 40 Jerusalem Avenue property during the previously completed Phase II ESA, with concentrations of cis-1,2-dichloroethylene detected at concentrations of up to 110,000 µg/m³.

The above-described contaminants in soil and soil vapor have likely resulted from historical activities at the Site, including the historical operation of a dry cleaner and/or historical backfilling activities. As the Site is overlain by asphalt and the Site building, there is currently no potential exposure to soil at the Site. However, potential exposure to soil vapor and associated sub-slab vapors may exist currently within the Site building.

4.2. Recommendations

Based on the findings and conclusions presented above and the planned future construction and use of the Site for residential housing purposes, exposure risks to Site soil and soil vapor may be present during redevelopment/construction activities and during future residential occupancy of the Site.

As such, further investigation and/or remediation of the Site is recommended prior to implementation of any redevelopment/construction activities and any planned change in future Site usage, as follows:

- Soil contaminants potentially related to fill material identified in the northern-central (soil boring SB-4) and southwestern (soil boring SB-7) portions of the Site should be further investigated and remediated, as necessary.
- Sediment/soil contaminants in Equipment Dry Well 1, and its immediate vicinity, should be further investigated and remediated.
- Equipment Dry Well 1 should be closed, along with the two other Equipment Dry Wells and any other subsurface drainage structure which may no longer be needed as part of any future use of the Site, in accordance with Nassau County Department of Health (NCDOH) and United States Environmental Protection Agency (USEPA) Underground Injection Control (UIC) Program protocols. It was also noted that dry wells on the 20 Jerusalem Avenue property sampled as part of the Phase II ESA also exhibit NYSDEC PGSCO exceedances, which would also require remediation.
- Given the soil vapor contaminant concentrations described above, an indoor air and sub-slab soil vapor investigation should be considered for the existing 40 Jerusalem Avenue property building per the NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion guidance to assess potential current indoor air and sub-slab soil vapor issues.

Based on the contaminants identified in Site soil and soil vapor, GEI further recommends that TBP move forward with the application process for NYSDEC's inclusion of the Site in the BCP program.

Tables

Table 1. Site Wide Soil Sample Results

Table 2. Southwestern Dry Wells, Equipment Dry Wells, and Cesspool Sediment Sample Results

Table 3. Groundwater Analytical Results

Table 4. Soil Vapor Analytical Results

Table 1. Site-Wide Soil Boring Analytical Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	UUSCOs	RRUSCOs	SB-1 (14-15) 06/13/2025 08:30:00 Result	SB-2 (9-10) 06/13/2025 09:15:00 Result	SB-3 (9-10) 06/13/2025 09:30:00 Result	SB-4 (0-2) 06/16/2025 09:00:00 Result	SB-5 (0-2) 06/16/2025 09:15:00 Result	SB-6 (0-2) 06/16/2025 09:40:00 Result	SB-7 (0-2) 06/16/2025 10:00:00 Result
Volatile Organic Compounds (GC/MS) (mg/Kg)									
1,1,1-Trichloroethane	0.68	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,1,2,2-Tetrachloroethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,1,2-Trichloroethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,1-Dichloroethane	0.27	26	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,1-Dichloroethene	0.33	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2,3-Trichlorobenzene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2,4-Trichlorobenzene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2,4-Trimethylbenzene	3.6	52	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2-Dibromo-3-Chloropropane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2-Dichlorobenzene	1.1	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2-Dichloroethane	~	3.1	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,2-Dichloropropane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,3,5-Trimethylbenzene	8.4	52	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,3-Dichlorobenzene	2.4	49	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
1,4-Dichlorobenzene	1.8	13	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
2-Butanone (MEK)	0.12	100	0.0048 U	0.0043 U	0.0042 U	0.0051 U	0.0049 U	0.0047 U	0.0050 U
2-Hexanone	~	~	0.0048 U	0.0043 U	0.0042 U	0.0051 U	0.0049 U	0.0047 U	0.0050 U
4-Methyl-2-pentanone (MIBK)	~	~	0.0048 U	0.0043 U	0.0042 U	0.0051 U	0.0049 U	0.0047 U	0.0050 U
Acetone	0.05	100	0.0057 U	0.0052 U	0.0051 U	0.0070	0.0058 U	0.0057	0.0057 J
Benzene	0.06	4.8	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Bromoform	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Bromomethane	~	~	0.0019 U	0.0017 U	0.0017 U	0.0020 U	0.0019 U	0.0019 U	0.0020 U
Carbon disulfide	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Carbon tetrachloride	0.76	2.4	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chlorobenzene	1.1	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chlorobromomethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chlorodibromomethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chloroethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chloroform	0.37	49	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Chloromethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
cis-1,2-Dichloroethene	0.25	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
cis-1,3-Dichloropropene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Cyclohexane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Dichlorobromomethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Dichlorodifluoromethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Ethylbenzene	1	41	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Ethylene Dibromide	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Isopropylbenzene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Methyl acetate	~	~	0.0048 U	0.0043 U	0.0042 U	0.0051 U	0.0049 U	0.0047 U	0.0050 U
Methyl tert-butyl ether	0.93	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Methylcyclohexane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Methylene Chloride	0.05	100	0.0019 U	0.0017 U	0.0017 U	0.0020 U	0.0019 U	0.0019 U	0.0020 U

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Analyte	UUSCOs	RRUSCOs	SB-1 (14-15) 06/13/2025 08:30:00 Result	SB-2 (9-10) 06/13/2025 09:15:00 Result	SB-3 (9-10) 06/13/2025 09:30:00 Result	SB-4 (0-2) 06/16/2025 09:00:00 Result	SB-5 (0-2) 06/16/2025 09:15:00 Result	SB-6 (0-2) 06/16/2025 09:40:00 Result	SB-7 (0-2) 06/16/2025 10:00:00 Result
m-Xylene & p-Xylene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
n-Butylbenzene	12	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
N-Propylbenzene	3.9	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
o-Xylene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
sec-Butylbenzene	11	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Styrene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
tert-Butylbenzene	5.9	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Tetrachloroethene	1.3	19	0.00095 U	0.00072 J	0.0060	0.00097 J	0.00045 J	0.00095 U	0.0039
Toluene	0.7	100	0.00095 U	0.00086 U	0.00085 U	0.00057 J	0.00097 U	0.00095 U	0.00030 J
trans-1,2-Dichloroethene	0.19	100	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
trans-1,3-Dichloropropene	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Trichloroethene	0.47	21	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Trichlorofluoromethane	~	~	0.00095 U	0.00086 U	0.00085 U	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Vinyl chloride	0.02	0.9	0.00095 U *	0.00086 U *	0.00085 U *	0.0010 U	0.00097 U	0.00095 U	0.00099 U
Xylenes, Total	0.26	100	0.0019 U	0.0017 U	0.0017 U	0.0020 U	0.00021 J	0.0019 U	0.0020 U
Semivolatile Organic Compounds (GC/MS) (mg/Kg)									
1,1'-Biphenyl	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
1,2,4,5-Tetrachlorobenzene	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
1,4-Dioxane	0.1	13	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
2,2'-oxybis[1-chloropropane]	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2,3,4,6-Tetrachlorophenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2,4,5-Trichlorophenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2,4,6-Trichlorophenol	~	~	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.13 U	0.14 U
2,4-Dichlorophenol	~	~	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.13 U	0.14 U
2,4-Dimethylphenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2,4-Dinitrophenol	~	~	0.27 U	0.30 U	0.27 U	0.29 U	0.29 U	0.27 U	0.28 U
2,4-Dinitrotoluene	~	~	0.068 U	0.074 U	0.069 U	0.074 U	0.073 U	0.067 U	0.069 U
2,6-Dinitrotoluene	~	~	0.068 U	0.074 U	0.069 U	0.074 U	0.073 U	0.067 U	0.069 U
2-Chloronaphthalene	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2-Chlorophenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2-Methylnaphthalene	~	~	0.34 U	0.37 U	0.34 U	0.023 J	0.36 U	0.33 U	0.028 J
2-Methylphenol	0.33	100	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2-Nitroaniline	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
2-Nitrophenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
3 & 4 Methylphenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
3,3'-Dichlorobenzidine	~	~	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.13 U	0.14 U
3-Nitroaniline	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4,6-Dinitro-2-methylphenol	~	~	0.27 U	0.30 U	0.27 U	0.29 U	0.29 U	0.27 U	0.28 U
4-Bromophenyl phenyl ether	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4-Chloro-3-methylphenol	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4-Chloroaniline	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4-Chlorophenyl phenyl ether	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4-Methylphenol	0.33	100	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
4-Nitroaniline	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U

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4-Nitrophenol	~	~	0.68 U	0.74 U	0.69 U	0.74 U	0.73 U	0.67 U	0.69 U
Acenaphthene	20	100	0.34 U	0.37 U	0.34 U	0.029 J	0.36 U	0.33 U	0.032 J
Acenaphthylene	100	100	0.34 U	0.37 U	0.34 U	0.018 J	0.36 U	0.33 U	0.25 J
Acetophenone	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Anthracene	100	100	0.34 U	0.37 U	0.34 U	0.089 J	0.36 U	0.33 U	0.19 J
Atrazine	~	~	0.14 U *	0.15 U *	0.14 U *	0.15 U *	0.15 U *	0.13 U *	0.14 U *
Benzaldehyde	~	~	0.34 U *	0.37 U *	0.34 U *	0.36 U *	0.36 U *	0.33 U *	0.34 U *
Benzo[a]anthracene	1	1	0.034 U	0.037 U	0.034 U	0.71	0.036 U	0.033 U	1.6
Benzo[a]pyrene	1	1	0.034 U	0.037 U	0.034 U	0.99	0.012 J	0.033 U	2.1
Benzo[b]fluoranthene	1	1	0.034 U	0.037 U	0.034 U	1.5	0.022 J	0.033 U	2.7
Benzo[g,h,i]perylene	100	100	0.34 U	0.37 U	0.34 U	0.68	0.013 J	0.33 U	1.5
Benzo[k]fluoranthene	0.8	3.9	0.034 U	0.037 U	0.034 U	0.52	0.0094 J	0.033 U	1.0
Bis(2-chloroethoxy)methane	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Bis(2-chloroethyl)ether	~	~	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
Bis(2-ethylhexyl) phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Butyl benzyl phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Caprolactam	~	~	0.34 U *	0.37 U *	0.34 U *	0.36 U *	0.36 U *	0.33 U *	0.34 U *
Carbazole	~	~	0.34 U	0.37 U	0.34 U	0.060 J	0.36 U	0.33 U	0.079 J
Chrysene	1	3.9	0.34 U	0.37 U	0.34 U	0.93	0.015 J	0.33 U	1.8
Dibenz(a,h)anthracene	0.33	0.33	0.034 U	0.037 U	0.034 U	0.19	0.036 U	0.033 U	0.41
Dibenzofuran	7	59	0.34 U	0.37 U	0.34 U	0.013 J	0.36 U	0.33 U	0.027 J
Diethyl phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Dimethyl phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Di-n-butyl phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Di-n-octyl phthalate	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Fluoranthene	100	100	0.34 U	0.37 U	0.34 U	1.7	0.032 J	0.33 U	2.7
Fluorene	30	100	0.34 U	0.37 U	0.34 U	0.018 J	0.36 U	0.33 U	0.038 J
Hexachlorobenzene	0.33	1.2	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
Hexachlorobutadiene	~	~	0.068 U	0.074 U	0.069 U	0.074 U	0.073 U	0.067 U	0.069 U
Hexachlorocyclopentadiene	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Hexachloroethane	~	~	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.034 U	0.037 U	0.034 U	0.75	0.036 U	0.033 U	1.6
Isophorone	~	~	0.14 U	0.15 U	0.14 U	0.15 U	0.15 U	0.13 U	0.14 U
Naphthalene	12	100	0.34 U	0.37 U	0.34 U	0.031 J	0.36 U	0.33 U	0.077 J
Nitrobenzene	~	~	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
N-Nitrosodi-n-propylamine	~	~	0.034 U	0.037 U	0.034 U	0.036 U	0.036 U	0.033 U	0.034 U
N-Nitrosodiphenylamine	~	~	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Pentachlorophenol	0.8	6.7	0.27 U	0.30 U	0.27 U	0.29 U	0.29 U	0.27 U	0.28 U
Phenanthrene	100	100	0.34 U	0.37 U	0.34 U	0.50	0.36 U	0.33 U	0.66
Phenol	0.33	100	0.34 U	0.37 U	0.34 U	0.36 U	0.36 U	0.33 U	0.34 U
Pyrene	100	100	0.34 U	0.37 U	0.34 U	1.3	0.023 J	0.33 U	2.4
Metals (ICP/MS) (mg/Kg)									
Aluminum	~	~	947	2,020	945	5,500	9,060	2,550	4,150
Antimony	~	~	0.81 U	0.88 U	0.77 U	0.15 J	0.98 U	0.93 U	0.15 J

Table 1. Site-Wide Soil Boring Analytical Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	UUSCOs	RRUSCOs	SB-1 (14-15) 06/13/2025 08:30:00 Result	SB-2 (9-10) 06/13/2025 09:15:00 Result	SB-3 (9-10) 06/13/2025 09:30:00 Result	SB-4 (0-2) 06/16/2025 09:00:00 Result	SB-5 (0-2) 06/16/2025 09:15:00 Result	SB-6 (0-2) 06/16/2025 09:40:00 Result	SB-7 (0-2) 06/16/2025 10:00:00 Result
Arsenic	13	16	0.79 J	1.0	2.4	4.0	3.3	1.1	3.1
Barium	350	400	4.2	7.6	4.6	41.5	24.7	7.6	26.7
Beryllium	7.2	72	0.078 J	0.14 J	0.14 J	0.24 J	0.25 J	0.23 J	0.18 J
Cadmium	2.5	4.3	0.81 U	0.88 U	0.77 U	0.25 J	0.98 U	0.93 U	0.20 J
Calcium	~	~	81.7	160	80.7	60,600	4,430	264	3,230
Chromium	~	~	2.9	6.5	10.3	10.2	9.3	4.2	6.6
Cobalt	~	~	0.57 J	1.0 J	0.73 J	2.4	2.7	1.5 J	1.9
Copper	50	270	2.1	3.2	3.1	17.6	7.6	3.0	14.4
Iron	~	~	3,030	4,310	10,700	9,470	10,100	6,910	5,760
Lead	63	400	1.0	1.6	1.0	155	42.6	5.4	90.3
Magnesium	~	~	224	363	132	29,600	3,370	776	2,050
Manganese	1,600	2,000	30.2	75.8	60.1	126	79.7	55.7	81.3
Mercury	0.18	0.81	0.017 U	0.018 U	0.017 U	0.20	0.022	0.017 U	0.084
Nickel	30	310	1.5 J	2.3	1.6	5.7	5.3	2.5	4.1
Potassium	~	~	149	190	96.4	387	364	456	258
Selenium	3.9	180	1.0 U	1.1 U	0.17 J	0.31 J	0.45 J	1.2 U	0.21 J
Silver	2	180	0.32 U	0.35 U	0.31 U	0.65	0.39 U	0.37 U	0.094 J
Sodium	~	~	81.0 U	41.3 J	76.6 U	176	72.5 J	50.2 J	79.9 J
Thallium	~	~	0.32 U	0.054 J	0.31 U	0.071 J	0.080 J	0.043 J	0.057 J
Vanadium	~	~	2.0	3.8	2.9	18.5	17.6	4.1	8.6
Zinc	109	10,000	3.9 J	9.6	6.2	86.7	38.2	10.8	81.6

NOTES:
NYSDEC - New York State Department of Environmental Conservation
USCOs - NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
RRSCOs - NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives
mg/Kg - milligrams per kilogram
Bold - Indicates a detected concentration
Bold and shaded Indicates an exceedance of applicable SCO.
~ Not Established
J - Indicates the detection is estimated
U - Not Detected
* - LCS or LCSD is outside acceptance limits.

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	DW-1 (10-11) 06/13/2025 09:47:00 Result	DW-1 (14-15) 06/13/2025 09:50:00 Result	DW-2 (3-4) 06/13/2025 09:59:00 Result	DW-2 (7-8) 06/13/2025 10:03:00 Result	EDW-1 (14-15) 06/12/2025 11:00:00 Result	EDW-1 (19-20) 06/12/2025 11:10:00 Result
Volatile Organic Compounds (GC/MS) (mg/Kg)							
1,1,1-Trichloroethane	0.68	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,1,2,2-Tetrachloroethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U * F
1,1,2-Trichloro-1,2,2-trifluoroethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U * F
1,1,2-Trichloroethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,1-Dichloroethane	0.27	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,1-Dichloroethene	0.33	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2,3-Trichlorobenzene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2,4-Trichlorobenzene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2,4-Trimethylbenzene	3.6	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2-Dibromo-3-Chloropropane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2-Dichlorobenzene	1.1	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2-Dichloroethane	0.02	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,2-Dichloropropane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,3,5-Trimethylbenzene	8.4	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,3-Dichlorobenzene	2.4	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
1,4-Dichlorobenzene	1.8	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
2-Butanone (MEK)	0.12	0.0042 U	0.0051 U	0.0050 U	0.0044 U	1,900 U D	5.5 U F
2-Hexanone	~	0.0042 U	0.0051 U	0.0050 U	0.0044 U	1,900 U D	5.5 U F
4-Methyl-2-pentanone (MIBK)	~	0.0042 U	0.0051 U	0.0050 U	0.0044 U	1,900 U D	5.5 U F
Acetone	0.05	0.0050 U	0.0061 U	0.0078	0.0093	1,900 U D	5.5 U F
Benzene	0.06	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Bromoform	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Bromomethane	~	0.0017 U	0.0020 U	0.0020 U	0.0017 U	390 U D	1.1 U F
Carbon disulfide	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Carbon tetrachloride	0.76	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Chlorobenzene	1.1	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Chlorobromomethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Chlorodibromomethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Chloroethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Chloroform	0.37	0.0040	0.0032	0.0010 U	0.00087 U	390 U D	1.1 U F
Chloromethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
cis-1,2-Dichloroethene	0.25	0.00052 J	0.00057 J	0.0010 U	0.00087 U	890 D	1.1 U F
cis-1,3-Dichloropropene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Cyclohexane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Dichlorobromomethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Dichlorodifluoromethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U * F
Ethylbenzene	1	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Ethylene Dibromide	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Isopropylbenzene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Methyl acetate	~	0.0042 U	0.011	0.0050 U	0.0044 U	1,900 U D	5.5 U F
Methyl tert-butyl ether	0.93	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	DW-1 (10-11) 06/13/2025 09:47:00 Result	DW-1 (14-15) 06/13/2025 09:50:00 Result	DW-2 (3-4) 06/13/2025 09:59:00 Result	DW-2 (7-8) 06/13/2025 10:03:00 Result	EDW-1 (14-15) 06/12/2025 11:00:00 Result	EDW-1 (19-20) 06/12/2025 11:10:00 Result
Methylcyclohexane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Methylene Chloride	0.05	0.0017 U	0.0020 U	0.0020 U	0.0017 U	390 U D	1.1 U F
m-Xylene & p-Xylene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
n-Butylbenzene	12	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
N-Propylbenzene	3.9	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
o-Xylene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
sec-Butylbenzene	11	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Styrene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
tert-Butylbenzene	5.9	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Tetrachloroethene	1.3	0.035	0.024	0.012	0.00087 U	76,000 D	2.4 F
Toluene	0.7	0.00084 U	0.0010 U	0.00082 J	0.00087 U	390 U D	1.1 U F
trans-1,2-Dichloroethene	0.19	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
trans-1,3-Dichloropropene	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Trichloroethene	0.47	0.0011	0.00095 J	0.0010 U	0.00087 U	3,400 D	1.1 U F
Trichlorofluoromethane	~	0.00084 U	0.0010 U	0.0010 U	0.00087 U	390 U D	1.1 U F
Vinyl chloride	0.02	0.00084 U *	0.0010 U *	0.0010 U *	0.00087 U *	390 U D	1.1 U F
Xylenes, Total	1.6	0.0017 U	0.0020 U	0.0020 U	0.0017 U	780 U D	2.2 U F
Semivolatile Organic Compounds (GC/MS) (mg/Kg)							
1,1'-Biphenyl	~	0.34 U	0.34 U	0.33 U	0.34 U	0.017 J	0.37 U
1,2,4,5-Tetrachlorobenzene	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
1,4-Dioxane	0.1	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
2,2'-oxybis[1-chloropropane]	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2,3,4,6-Tetrachlorophenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2,4,5-Trichlorophenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2,4,6-Trichlorophenol	~	0.14 U	0.14 U	0.13 U	0.14 U	0.19 U	0.15 U
2,4-Dichlorophenol	~	0.14 U	0.14 U	0.13 U	0.14 U	0.19 U	0.15 U
2,4-Dimethylphenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2,4-Dinitrophenol	~	0.27 U	0.27 U	0.27 U	0.27 U	0.38 U	0.30 U
2,4-Dinitrotoluene	~	0.068 U	0.068 U	0.067 U	0.068 U	0.095 U	0.075 U
2,6-Dinitrotoluene	~	0.068 U	0.068 U	0.067 U	0.068 U	0.095 U	0.075 U
2-Chloronaphthalene	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2-Chlorophenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2-Methylnaphthalene	~	0.34 U	0.34 U	0.0096 J	0.34 U	0.043 J	0.37 U
2-Methylphenol	0.33	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2-Nitroaniline	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
2-Nitrophenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
3 & 4 Methylphenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
3,3'-Dichlorobenzidine	~	0.14 U	0.14 U	0.13 U	0.14 U	0.19 U	0.15 U
3-Nitroaniline	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4,6-Dinitro-2-methylphenol	~	0.27 U	0.27 U	0.27 U	0.27 U	0.38 U	0.30 U
4-Bromophenyl phenyl ether	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4-Chloro-3-methylphenol	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4-Chloroaniline	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	DW-1 (10-11) 06/13/2025 09:47:00 Result	DW-1 (14-15) 06/13/2025 09:50:00 Result	DW-2 (3-4) 06/13/2025 09:59:00 Result	DW-2 (7-8) 06/13/2025 10:03:00 Result	EDW-1 (14-15) 06/12/2025 11:00:00 Result	EDW-1 (19-20) 06/12/2025 11:10:00 Result
4-Chlorophenyl phenyl ether	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4-Methylphenol	0.33	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4-Nitroaniline	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
4-Nitrophenol	~	0.68 U	0.68 U	0.67 U	0.68 U	0.95 U	0.75 U
Acenaphthene	98	0.017 J	0.34 U	0.14 J	0.34 U	0.23 J	0.37 U
Acenaphthylene	107	0.011 J	0.34 U	0.33 U	0.34 U	0.058 J	0.37 U
Acetophenone	~	0.34 U	0.34 U	0.33 U	0.34 U	0.026 J	0.37 U
Anthracene	1,000	0.050 J	0.34 U	0.31 J	0.34 U	0.59	0.37 U
Atrazine	~	0.14 U *	0.14 U *	0.13 U *	0.14 U *	0.19 U *	0.15 U *
Benzaldehyde	~	0.34 U *	0.34 U *	0.33 U *	0.34 U *	0.47 U *	0.37 U *
Benzo[a]anthracene	1	0.20	0.036	0.62	0.034 U	4.3	0.037 U
Benzo[a]pyrene	22	0.21	0.042	0.68	0.034 U	7.1	0.037 U
Benzo[b]fluoranthene	1.7	0.30	0.060	0.87	0.034 U	11 S	0.037 U
Benzo[g,h,i]perylene	1,000	0.11 J	0.030 J	0.33	0.34 U	5.9	0.37 U
Benzo[k]fluoranthene	1.7	0.11	0.021 J	0.36	0.034 U	3.1	0.037 U
Bis(2-chloroethoxy)methane	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Bis(2-chloroethyl)ether	~	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
Bis(2-ethylhexyl) phthalate	~	0.023 J	0.019 J	0.33 U	0.34 U	2.6	0.37 U
Butyl benzyl phthalate	~	0.34 U	0.34 U	0.33 U	0.34 U	0.088 J	0.37 U
Caprolactam	~	0.34 U *	0.34 U *	0.33 U *	0.34 U *	0.47 U *	0.37 U *
Carbazole	~	0.015 J	0.34 U	0.044 J	0.34 U	0.63	0.37 U
Chrysene	1	0.21 J	0.042 J	0.72	0.34 U	7.7	0.37 U
Dibenz(a,h)anthracene	1,000	0.043	0.027 J	0.10	0.034 U	1.5	0.037 U
Dibenzofuran	210	0.34 U	0.34 U	0.068 J	0.34 U	0.15 J	0.37 U
Diethyl phthalate	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Dimethyl phthalate	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Di-n-butyl phthalate	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Di-n-octyl phthalate	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Fluoranthene	1,000	0.45	0.062 J	1.5	0.34 U	10 S	0.37 U
Fluorene	386	0.012 J	0.34 U	0.15 J	0.34 U	0.35 J	0.37 U
Hexachlorobenzene	3.2	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
Hexachlorobutadiene	~	0.068 U	0.068 U	0.067 U	0.068 U	0.095 U	0.075 U
Hexachlorocyclopentadiene	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Hexachloroethane	~	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
Indeno[1,2,3-cd]pyrene	8.2	0.14	0.045	0.37	0.034 U	5.1	0.037 U
Isophorone	~	0.14 U	0.14 U	0.13 U	0.14 U	0.19 U	0.15 U
Naphthalene	12	0.34 U	0.34 U	0.33 U	0.34 U	0.059 J	0.37 U
Nitrobenzene	~	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
N-Nitrosodi-n-propylamine	~	0.034 U	0.034 U	0.033 U	0.034 U	0.047 U	0.037 U
N-Nitrosodiphenylamine	~	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Pentachlorophenol	0.8	0.27 U	0.27 U	0.27 U	0.27 U	0.38 U	0.30 U
Phenanthrene	1,000	0.19 J	0.020 J	1.0	0.34 U	5.3	0.37 U
Phenol	0.33	0.34 U	0.34 U	0.33 U	0.34 U	0.47 U	0.37 U
Pyrene	1,000	0.32 J	0.050 J	1.0	0.34 U	9.4	0.37 U

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	DW-1 (10-11) 06/13/2025 09:47:00 Result	DW-1 (14-15) 06/13/2025 09:50:00 Result	DW-2 (3-4) 06/13/2025 09:59:00 Result	DW-2 (7-8) 06/13/2025 10:03:00 Result	EDW-1 (14-15) 06/12/2025 11:00:00 Result	EDW-1 (19-20) 06/12/2025 11:10:00 Result
Metals (ICP/MS) (mg/Kg)							
Aluminum	~	5,640	4,820	1,980	5,350	5,780	1,790
Antimony	~	0.29 J	0.87	0.29 J	0.80 U	3.8	0.87 U
Arsenic	16	4.9	4.8	2.7	0.76 J	2.2	2.4
Barium	820	24.3	18.6	8.5	20.3	38.2	9.5
Beryllium	47	0.21 J	0.20 J	0.084 J	0.19 J	0.21 J	0.11 J
Cadmium	7.5	0.19 J	0.27 J	0.74 U	0.80 U	0.93 J	0.87 U
Calcium	~	5,830	3,630	10,300	93.4	2,930	86.1 J
Chromium	~	9.3	11.7	4.4	6.3	29.4	10.3
Cobalt	~	2.5	2.1	1.9	2.7	3.7	0.77 J
Copper	1,720	11.8	52.2	14.4	6.0	68.3	4.8
Iron	~	8,060	7,540	8,440	7,550	7,410	5,770
Lead	450	41.4	78.6	20.9	2.6	100	2.3
Magnesium	~	2,520	1,810	4,600	1,660	1,610	120
Manganese	2,000	104	99.2	69.7	83.4	55.2	20.7
Mercury	0.73	0.15	0.088	0.016	0.017 U	0.24	0.018 U
Nickel	130	5.9	4.9	4.4	3.4	13.1	2.2
Potassium	~	361	307	165	2000	453	88.4
Selenium	4	0.24 J	0.22 J	0.93 U	1.0 U	0.38 J	1.1 U
Silver	8.3	0.31 U	0.32 U	0.35	0.32 U	0.25 J	0.35 U
Sodium	~	152	159	98.1	50.9 J	227	87.4 U
Thallium	~	0.063 J	0.048 J	0.30 U	0.14 J	0.062 J	0.35 U
Vanadium	~	11.8	11.5	7.7	8.1	34.8	4.8
Zinc	2,480	44.8	38.1	16.5	19.1	332	18.9

NOTES:
NYSDEC - New York State Department of Environmental Conservation
PGWSCOs - NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/Kg - milligrams per kilogram
Bold - Indicates a detected
Bold and shaded - Indicates an exceedance of PGWSCOs.
~ Not Established
J - Indicates the detection is estimated
U - Not Detected
* - LCS or LCSD is outside acceptance limits.
D - Sample required dilution factor of 100,000.
F - Sample required dilution factor of 50.
S - Sample required dilution factor of 2.

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	EDW-2 (14-15) 06/12/2025 11:30:00 Result	EDW-2 (19-20) 06/12/2025 11:35:00 Result	EDW-3 (14-15) 06/12/2025 12:00:00 Result	EDW-3 (19-20) 06/12/2025 12:03:00 Result	CP-1 (14-15) 06/12/2025 13:10:00 Result	CP-1 (19-20) 06/12/2025 13:15:00 Result
Volatile Organic Compounds (GC/MS) (mg/Kg)							
1,1,1-Trichloroethane	0.68	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,1,2,2-Tetrachloroethane	~	0.096 U * F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,1,2-Trichloro-1,2,2-trifluoroethane	~	0.096 U * F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,1,2-Trichloroethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,1-Dichloroethane	0.27	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,1-Dichloroethene	0.33	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2,3-Trichlorobenzene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2,4-Trichlorobenzene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2,4-Trimethylbenzene	3.6	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2-Dibromo-3-Chloropropane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2-Dichlorobenzene	1.1	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2-Dichloroethane	0.02	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,2-Dichloropropane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,3,5-Trimethylbenzene	8.4	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,3-Dichlorobenzene	2.4	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
1,4-Dichlorobenzene	1.8	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
2-Butanone (MEK)	0.12	0.48 U F	0.0046 U	0.0050 U	0.0044 U	0.0046 U	0.0050 U
2-Hexanone	~	0.48 U F	0.0046 U	0.0050 U	0.0044 U	0.0046 U	0.0050 U
4-Methyl-2-pentanone (MIBK)	~	0.48 U F	0.0046 U	0.0050 U	0.0044 U	0.0046 U	0.0050 U
Acetone	0.05	0.48 U F	0.0076	0.0060 U	0.0069	0.0069	0.0060 U
Benzene	0.06	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Bromoform	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Bromomethane	~	0.096 U F	0.0018 U	0.0020 U	0.0017 U	0.0018 U	0.0020 U
Carbon disulfide	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.0014	0.00099 U
Carbon tetrachloride	0.76	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chlorobenzene	1.1	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chlorobromomethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chlorodibromomethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chloroethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chloroform	0.37	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Chloromethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
cis-1,2-Dichloroethene	0.25	0.10 F	0.0029	0.00044 J	0.0020	0.00092 U	0.00099 U
cis-1,3-Dichloropropene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Cyclohexane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Dichlorobromomethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Dichlorodifluoromethane	~	0.096 U * F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Ethylbenzene	1	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Ethylene Dibromide	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Isopropylbenzene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Methyl acetate	~	0.48 U F	0.0089	0.0050 U	0.0044 U	0.0046 U	0.0050 U
Methyl tert-butyl ether	0.93	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U

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20 40 Jerusalem Avenue
Hicksville, New York

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Methylcyclohexane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Methylene Chloride	0.05	0.096 U F	0.0018 U	0.0020 U	0.0017 U	0.0018 U	0.0020 U
m-Xylene & p-Xylene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
n-Butylbenzene	12	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
N-Propylbenzene	3.9	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
o-Xylene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
sec-Butylbenzene	11	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Styrene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
tert-Butylbenzene	5.9	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Tetrachloroethene	1.3	0.80 F	0.0072	0.00057 J	0.0033	0.00075 J	0.00044 J
Toluene	0.7	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00027 J	0.00099 U
trans-1,2-Dichloroethene	0.19	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
trans-1,3-Dichloropropene	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Trichloroethene	0.47	0.063 J F	0.00061 J	0.0010 U	0.0013	0.00092 U	0.00099 U
Trichlorofluoromethane	~	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Vinyl chloride	0.02	0.096 U F	0.00092 U	0.0010 U	0.00087 U	0.00092 U	0.00099 U
Xylenes, Total	1.6	0.19 U F	0.0018 U	0.0020 U	0.0017 U	0.00028 J	0.0020 U
Semivolatile Organic Compounds (GC/MS) (mg/Kg)							
1,1'-Biphenyl	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
1,2,4,5-Tetrachlorobenzene	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
1,4-Dioxane	0.1	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
2,2'-oxybis[1-chloropropane]	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2,3,4,6-Tetrachlorophenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2,4,5-Trichlorophenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2,4,6-Trichlorophenol	~	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
2,4-Dichlorophenol	~	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
2,4-Dimethylphenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2,4-Dinitrophenol	~	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
2,4-Dinitrotoluene	~	0.068 U	0.069 U	0.068 U	0.068 U	0.068 U	0.069 U
2,6-Dinitrotoluene	~	0.068 U	0.069 U	0.068 U	0.068 U	0.068 U	0.069 U
2-Chloronaphthalene	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2-Chlorophenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2-Methylnaphthalene	~	0.011 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2-Methylphenol	0.33	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2-Nitroaniline	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
2-Nitrophenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
3 & 4 Methylphenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
3,3'-Dichlorobenzidine	~	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
3-Nitroaniline	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4,6-Dinitro-2-methylphenol	~	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
4-Bromophenyl phenyl ether	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4-Chloro-3-methylphenol	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4-Chloroaniline	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U

Table 2. Southwestern Drywells, Equipment Drywells, and Cesspool Sample Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	PGWSCOs	EDW-2 (14-15) 06/12/2025 11:30:00 Result	EDW-2 (19-20) 06/12/2025 11:35:00 Result	EDW-3 (14-15) 06/12/2025 12:00:00 Result	EDW-3 (19-20) 06/12/2025 12:03:00 Result	CP-1 (14-15) 06/12/2025 13:10:00 Result	CP-1 (19-20) 06/12/2025 13:15:00 Result
4-Chlorophenyl phenyl ether	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4-Methylphenol	0.33	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4-Nitroaniline	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
4-Nitrophenol	~	0.68 U	0.69 U	0.68 U	0.68 U	0.68 U	0.69 U
Acenaphthene	98	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Acenaphthylene	107	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Acetophenone	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Anthracene	1,000	0.027 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Atrazine	~	0.14 U *	0.14 U *	0.14 U *	0.14 U *	0.13 U *	0.14 U *
Benzaldehyde	~	0.34 U *	0.34 U *	0.34 U *	0.34 U *	0.33 U *	0.34 U *
Benzo[a]anthracene	1	0.13	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Benzo[a]pyrene	22	0.22	0.034 U	0.034 U	0.034 U	0.033 U	0.011 J
Benzo[b]fluoranthene	1.7	0.54	0.034 U	0.034 U	0.034 U	0.033 U	0.013 J
Benzo[g,h,i]perylene	1,000	0.31 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Benzo[k]fluoranthene	1.7	0.15	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Bis(2-chloroethoxy)methane	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Bis(2-chloroethyl)ether	~	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Bis(2-ethylhexyl) phthalate	~	0.047 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Butyl benzyl phthalate	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Caprolactam	~	0.34 U *	0.34 U *	0.34 U *	0.34 U *	0.33 U *	0.34 U *
Carbazole	~	0.034 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Chrysene	1	0.27 J	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Dibenz(a,h)anthracene	1,000	0.055	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Dibenzofuran	210	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Diethyl phthalate	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Dimethyl phthalate	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Di-n-butyl phthalate	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Di-n-octyl phthalate	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Fluoranthene	1,000	0.36	0.34 U	0.34 U	0.34 U	0.33 U	0.036 J
Fluorene	386	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Hexachlorobenzene	3.2	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Hexachlorobutadiene	~	0.068 U	0.069 U	0.068 U	0.068 U	0.068 U	0.069 U
Hexachlorocyclopentadiene	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Hexachloroethane	~	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Indeno[1,2,3-cd]pyrene	8.2	0.25	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
Isophorone	~	0.14 U	0.14 U	0.14 U	0.14 U	0.13 U	0.14 U
Naphthalene	12	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.015 J
Nitrobenzene	~	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
N-Nitrosodi-n-propylamine	~	0.034 U	0.034 U	0.034 U	0.034 U	0.033 U	0.034 U
N-Nitrosodiphenylamine	~	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Pentachlorophenol	0.8	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U	0.27 U
Phenanthrene	1,000	0.19 J	0.34 U	0.34 U	0.34 U	0.33 U	0.055 J
Phenol	0.33	0.34 U	0.34 U	0.34 U	0.34 U	0.33 U	0.34 U
Pyrene	1,000	0.38	0.34 U	0.34 U	0.34 U	0.33 U	0.026 J

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Metals (ICP/MS) (mg/Kg)							
Aluminum	~	1,710	621	1,980	1,620	696	1,570
Antimony	~	0.45 J	0.80 U	0.80 U	0.82 U	0.75 U	0.82 U
Arsenic	16	1.1	0.42 J	0.85	2.1	0.90	1.3
Barium	820	12.5	4.4	3.9	3.5	4.4	4.9
Beryllium	47	0.079 J	0.027 J	0.080 J	0.087 J	0.069 J	0.096 J
Cadmium	7.5	0.26 J	0.80 U	0.80 U	0.82 U	0.75 U	0.82 U
Calcium	~	10,900	71.0 J	815	71.2 J	179	57.3 J
Chromium	~	8.3	2.6	5.9	2.4	3.4	3.0
Cobalt	~	1.5 J	0.52 J	0.71 J	0.38 J	1.2 J	0.80 J
Copper	1,720	33.8	5.3	5.4	2.7	1.5	1.9
Iron	~	4,110	1,920	3,680	1,940	2,440	3,120
Lead	450	32.7	2.5	1.7	1.2	1.8	1.4
Magnesium	~	6,300	127	557	116	165	197
Manganese	2,000	52.1	17.6	28.4	18.9	61.6	47.0
Mercury	0.73	0.099	0.018	0.0076 J	0.017 U	0.017 U	0.016 U
Nickel	130	3.9	1.2 J	1.9	1.1 J	1.2 J	1.4 J
Potassium	~	160	61.1 J	125	90.4	85.8	134
Selenium	4	1.0 U	1.0 U	1.0 U	1.0 U	0.93 U	1.0 U
Silver	8.3	0.31 J	0.32 U	0.32 U	0.33 U	0.30 U	0.33 U
Sodium	~	56.3 J	80.3 U	80.2 U	81.5 U	74.5 U	81.5 U
Thallium	~	0.32 U	0.32 U	0.32 U	0.33 U	0.30 U	0.33 U
Vanadium	~	5.8	1.7	2.4	2.1	1.5	3.5
Zinc	2,480	220	16.2	10.9	5.1 J	4.1 J	3.5 J

NOTES:
NYSDEC - New York State Department of Environmental Con
PGWSCOs - NYSDEC Part 375 Protection of Groundwater Soi
mg/Kg - milligrams per kilogram
Bold - Indicates a detected
Bold and shaded - Indicates an exceedance of PGWSCoss.
~ Not Established
J - Indicates the detection is estimated
U - Not Detected
* - LCS or LCSD is outside acceptance limits.
D - Sample required dilution factor of 100,000.
F - Sample required dilution factor of 50.
S - Sample required dilution factor of 2.

Table 3. Groundwater Analytical Results
20 40 Jerusalem Avenue
Hicksville, New York

Analyte	NYS AWQS	TMW-1 06/12/2025 09:00:00 Result	TMW-2 06/12/2025 12:30:00 Result	TMW-3 06/13/2025 08:00:00 Result	TMW-4 06/13/2025 12:45:00 Result	TMW-5 06/13/2025 15:30:00 Result
Volatile Organic Compounds (GC/MS) (ug/L)						
1,1,1-Trichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	5	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
1,1,2-Trichloro-1,2,2-trifluoroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1	0.58 U	0.58 U	0.58 U	0.58 U	0.58 U
1,1-Dichloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trichlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	5	1.0 U	0.40 J	0.73 J	1.0 U	1.0 U
1,2-Dibromo-3-Chloropropane	0.04	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	0.6	0.30 U	0.30 U	0.30 U	0.30 U	0.30 U
1,2-Dichloropropane	1	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U
1,3,5-Trimethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	3	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (MEK)	~	5.0 U	5.0 U	5.0 U	11	5.0 U
2-Hexanone	~	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methyl-2-pentanone (MIBK)	~	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	~	5.0 U	37	15	55	7.3
Benzene	1	0.45 U	0.45 U	0.45 U	0.44 J	0.45 U
Bromoform	~	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	60	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobromomethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	~	0.78 U	0.78 U	0.78 U	0.78 U	0.78 U
Chloroethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	7	0.35 J	1.0 U	1.0 U	5.8	0.40 J
Chloromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	5	1.0 U	1.0 U	0.54 J	0.84 J	1.0 U
cis-1,3-Dichloropropene	~	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Cyclohexane	~	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dichlorobromomethane	~	0.98 U	0.98 U	0.98 U	0.98 U	0.98 U
Dichlorodifluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylene Dibromide	0.0006	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Isopropylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl acetate	~	5.0 U *	5.0 U *	5.0 U *	5.0 U *	5.0 U *
Methyl tert-butyl ether	~	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylcyclohexane	~	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride	5	1.0 U	1.0 U	1.0 U	1.3	1.0 U
m-Xylene & p-Xylene	~	1.0 U	0.31 J	0.65 J	1.0 U	1.0 U
n-Butylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
N-Propylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
o-Xylene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
sec-Butylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
tert-Butylbenzene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5	0.52	0.48	0.60	0.50	0.29 J
Toluene	5	1.0 U	0.50 J	0.82 J	0.60 J	1.0 U
trans-1,2-Dichloroethene	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	~	0.45 U	0.45 U	0.45 U	0.45 U	0.45 U
Trichloroethene	5	0.28 U	0.28 U	0.33	0.28 U	0.28 U
Trichlorofluoromethane	5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	5	2.0 U	2.0 U	0.65 J	2.0 U	2.0 U

NOTES:
NYS AWQS - New York State Ambient Water Quality Standards and Guidance Values for Class GA Groundwater
ug/L - micrograms per liter
~ Not Established
U - Not Detected
Bold - Indicates a detected concentration
Bold and shaded - Indicates an exceedance of NYS AWQS.
* - LCS or LCSD is outside acceptance limits

Table 4. Soil Vapor Analytical Results
20 40 Jerusalem Avenue
Hicksville, New York

Sample ID	SV-1		SV-2		SV-3		SV-4		SV-5		SV-6	
Sample Date/Time	06/16/2025 12:31:00		06/16/2025 12:32:00		06/16/2025 12:34:00		06/16/2025 12:35:00		06/16/2025 12:36:00		06/16/2025 12:37:00	
Matrix	Air		Air		Air		Air		Air		Air	
Unit	ug/m3		ug/m3		ug/m3		ug/m3		ug/m3		ug/m3	
	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q	Result	Q
AIR BY TO-15												
1,1,1-Trichloroethane	223	U	1.09	U	1.22		8.73	U	8.73	U	5.46	U
1,1,2,2-Tetrachloroethane	280	U	1.37	U	1.37	U	11.0	U	11.0	U	6.87	U
1,1,2-Trichloroethane	223	U	1.09	U	1.09	U	8.73	U	8.73	U	5.46	U
1,1,2-Trichlorotrifluoroethane	313	U	0.59	J	1.53	U	12.3	U	12.3	U	7.66	U
1,1-Dichloroethane	165	U	0.81	U	0.81	U	6.48	U	6.48	U	4.05	U
1,1-Dichloroethene	40.8	U	0.20	U	0.20	U	1.60	U	1.60	U	1.00	U
1,2,4-Trichlorobenzene	757	U	3.71	U	3.71	U	29.7	U	29.7	U	18.6	U
1,2,4-Trimethylbenzene	201	U	25.4		21.5		3.87	J	13.2		38.3	
1,2-Dibromoethane	314	U	1.54	U	1.54	U	12.3	U	12.3	U	7.68	U
1,2-Dichlorobenzene	245	U	1.20	U	1.20	U	9.62	U	9.62	U	6.01	U
1,2-Dichloroethane	165	U	0.81	U	0.81	U	6.48	U	6.48	U	4.05	U
1,2-Dichloropropane	189	U	0.92	U	0.92	U	7.39	U	7.39	U	4.62	U
1,2-Dichlorotetrafluoroethane	285	U	1.40	U	1.40	U	11.2	U	11.2	U	6.99	U
1,3,5-Trimethylbenzene	201	U	7.58		8.02		7.87	U	5.40	J	11.9	
1,3-Butadiene	90.3	U	33.4		70.3		45.7		65.2		77.2	
1,3-Dichlorobenzene	245	U	1.20	U	1.20	U	9.62	U	9.62	U	6.01	U
1,4-Dichlorobenzene	245	U	1.20	U	1.20	U	9.62	U	9.62	U	6.01	U
1,4-Dioxane	3,680	U	18.0	U	18.0	U	144	U	144	U	90.1	U
2,2,4-Trimethylpentane	191	U	5.70		4.78		5.74	J	7.87		8.84	
2-Chlorotoluene	211	U	1.04	U	1.04	U	8.28	U	8.28	U	5.18	U
3-Chloropropene	319	U	1.57	U	1.57	U	12.5	U	12.5	U	7.83	U
4-Ethyltoluene	201	U	10.0		10.1		3.48	J	7.56	J	13.8	
4-Isopropyltoluene	224	U	2.10		5.87		8.78	U	8.78	U	3.18	J
4-Methyl-2-pentanone (Methyl isobutyl	418	U	2.19		2.76		16.4	U	16.4	U	10.2	U
Acetone	2,420	U	232	E	136	E	189	E	176	E	166	E
Benzene	130	U	19.5		24.4		20.2		24.8		29.6	
Benzyl chloride	211	U	1.04	U	1.04	U	8.28	U	8.28	U	5.18	U
Bromodichloromethane	273	U	1.34	U	1.34	U	10.7	U	10.7	U	6.70	U
Bromoethene(Vinyl Bromide)	178	U	0.87	U	0.87	U	7.00	U	7.00	U	4.37	U
Bromoform	422	U	2.07	U	2.07	U	16.5	U	16.5	U	10.3	U
Bromomethane	158	U	0.78	U	0.78	U	6.21	U	6.21	U	3.88	U
Carbon disulfide	196	J B	6.63	B	8.54	B	11.0	J B	10.9	J B	7.41	J B
Carbon tetrachloride	44.9	U	0.32		0.38		1.76	U	1.76	U	1.10	U
Chlorobenzene	188	U	0.92	U	0.92	U	7.37	U	7.37	U	4.60	U
Chlorodifluoromethane	361	U	1.77	U	1.77	U	14.1	U	14.1	U	8.84	U
Chloroethane	269	U	1.32	U	1.32	U	10.6	U	10.6	U	6.60	U
Chloroform	199	U	9.24		63.6		227	E	13.4		4.88	U
Chloromethane	211	U	2.18		0.82	J	8.26	U	8.26	U	5.16	U
cis-1,2-Dichloroethene	8,390	E	0.20	U	0.20	U	17.3		1.60	U	1.00	U
cis-1,3-Dichloropropene	185	U	0.91	U	0.91	U	7.26	U	7.26	U	4.54	U
Cumene	201	U	0.98	U	0.98	U	7.87	U	5.60	J	4.92	U
Cyclohexane	140	U	4.16		4.46		4.20	J	6.24		6.83	
Dibromochloromethane	348	U	1.70	U	1.70	U	13.6	U	13.6	U	8.52	U
Dichlorodifluoromethane	504	U	2.55		2.70		19.8	U	19.8	U	12.4	U
Ethylbenzene	177	U	26.3		23.1		19.7		27.3		31.2	
Hexachlorobutadiene	435	U	2.13	U	2.13	U	17.1	U	17.1	U	10.7	U
Isopropyl alcohol	2510	U	23.6		18.0		98.3	U	98.3	U	50.1	J
m,p-Xylene	26.3	J	101		89.9		65.1		98.6		117	
Methyl Butyl Ketone (2-Hexanone)	418	U	1.51	J	1.81	J	16.4	U	16.4	U	10.2	U
Methyl Ethyl Ketone (2-Butanone)	301	U	29.5		21.6		25.7		21.8		25.1	
Methyl methacrylate	418	U	2.05		2.64		16.4	U	16.4	U	10.2	U
Methyl tert-butyl ether	147	U	0.72	U	0.72	U	5.77	U	5.77	U	3.61	U
Methylene Chloride	354	U	1.74	U	13.4		13.9	U	13.9	U	8.68	U
Naphthalene	408	U	0.97	J	2.00	U	16.0	U	16.0	U	10.0	U
n-Butane	242	U	53.8		127	E	69.0		140	E	132	E
n-Butylbenzene	224	U	1.10	U	1.10	U	8.78	U	8.78	U	5.49	U
n-Heptane	167	U	21.2		21.6		17.8		23.5		29.1	
n-Hexane	359	U	20.7		33.8		21.5		34.4		40.6	
n-Propylbenzene	201	U	6.56		6.76		2.66	J	5.69	J	8.48	
o-Xylene	177	U	34.6		33.1		17.9		33.9		41.1	
sec-Butylbenzene	224	U	1.10	U	1.10	U	8.78	U	8.78	U	5.49	U
Styrene	174	U	2.20		1.20		6.82	U	6.82	U	1.50	J
tert-Butyl alcohol	3,090	U	51.5		33.6		40.8	J	44.0	J	76.8	
tert-Butylbenzene	224	U	1.10	U	1.10	U	8.78	U	8.78	U	5.49	U
Tetrachloroethene	24,000	E	424	E	196		852	E	216		196	
Tetrahydrofuran	3,010	U	14.7	U	14.7	U	118	U	118	U	73.7	U
Toluene	154	U	116		85.0		98.8		126		120	
trans-1,2-Dichloroethene	556		0.79	U	0.79	U	6.34	U	6.34	U	3.96	U
trans-1,3-Dichloropropene	185	U	0.91	U	0.91	U	7.26	U	7.26	U	4.54	U
Trichloroethene	9,450	E	8.99		2.35		37.3		1.60	U	1.00	U
Trichlorofluoromethane	229	U	1.93		1.99		8.99	U	8.99	U	2.47	J
Vinyl chloride	40.8	U	0.20	U	0.20	U	1.60	U	1.60	U	1.00	U

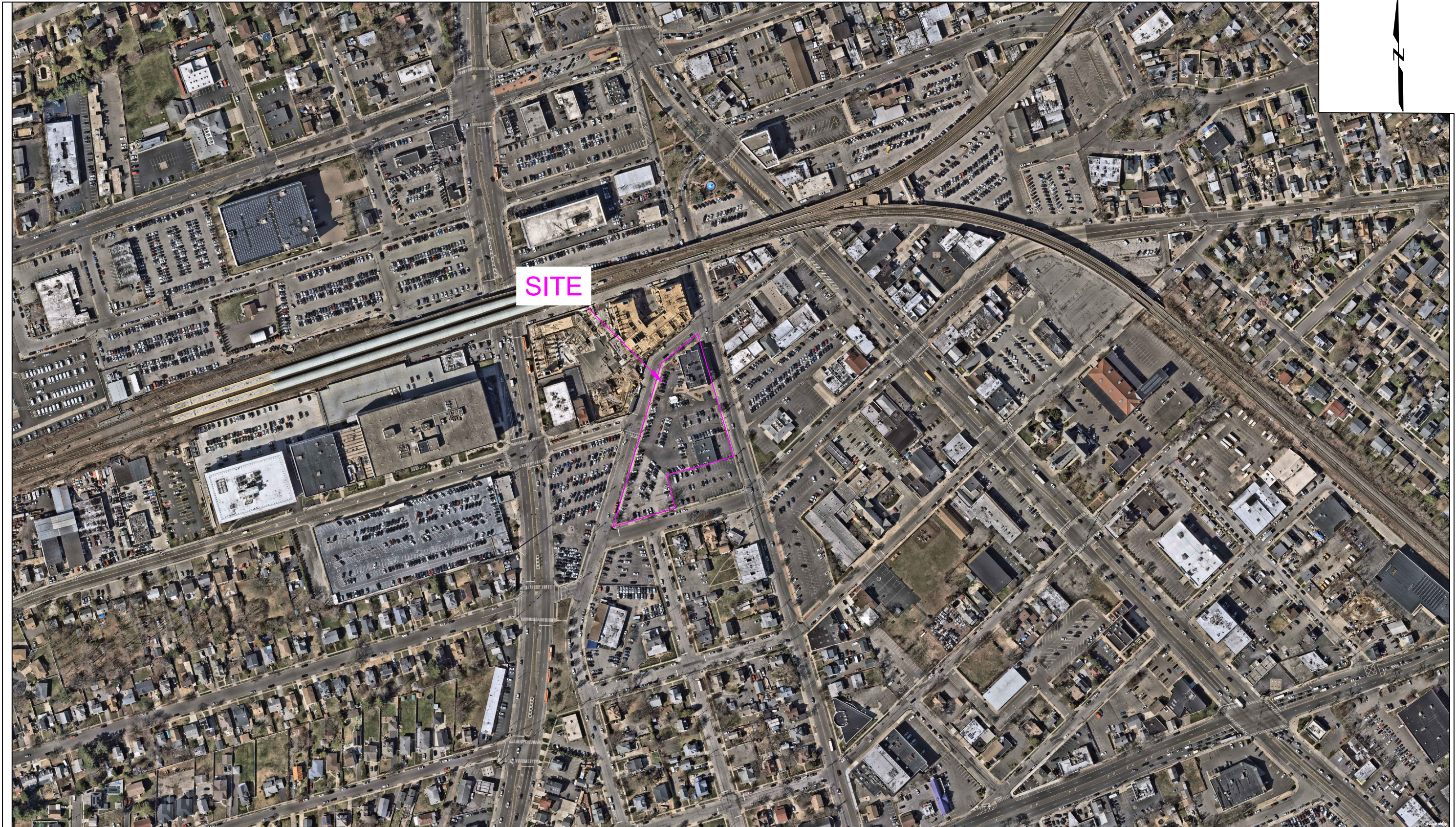
NR: Not Analyzed
B : The analyte was found in an associated blank, as well as in the sample.
J : Indicates an estimated value.
U : Analyzed for but not detected.
Bold font indictres a detection.

Figures

Figure 1. Site Location Map

Figure 2. Sample Location Map

Figure 3. Sample Exceedance Summary Map



SOURCE:
1. MAP EXTRACTED FROM NEARMAPS (N.T.S)

LEGEND	
	PROPERTY LINE

SUPPLEMENTAL PHASE II INVESTIGATION
20 & 40 JERUSALEM AVENUE
HICKSVILLE NY

TERWILLIGER & BARTONE PROPERTIES
FARMINGDALE, NEW YORK



Project: 2503398

SITE LOCATION MAP

July 2025

Fig. 1



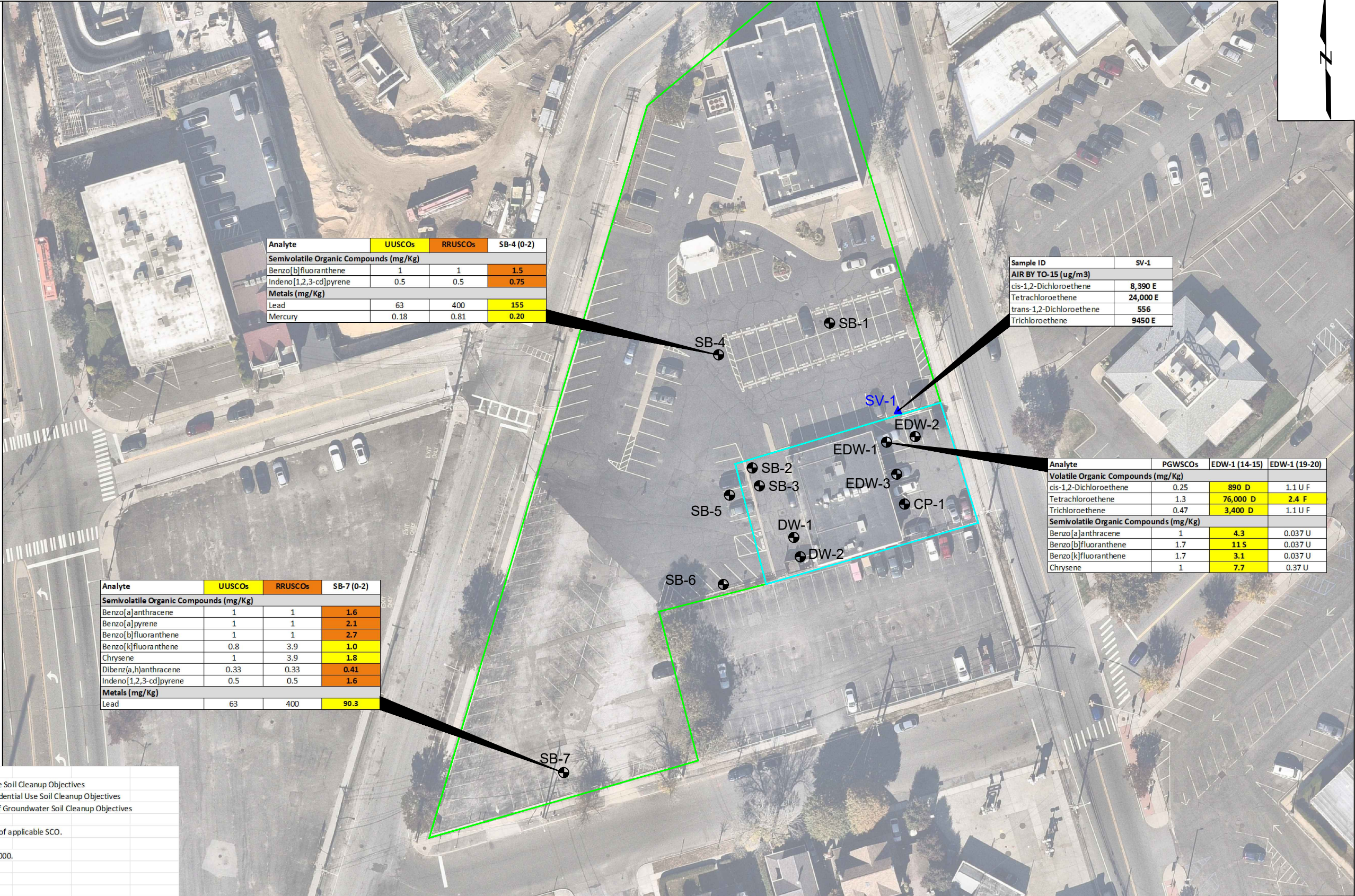
SOURCE:
1. MAP EXTRACTED FROM NEARMAPS

LEGEND			
	SOIL SAMPLE LOCATION		20 JERUSALEM PROPERTY LINE
	GROUNDWATER SAMPLE LOCATION		40 JERUSALEM PROPERTY LINE
	SOIL VAPOR SAMPLE LOCATION		

SUPPLEMENTAL PHASE II INVESTIGATION 20 & 40 JERUSALEM AVENUE HICKSVILLE NY	
TERWILLIGER & BARTONE PROPERTIES FARMINGDALE, NEW YORK	

	SAMPLE LOCATION MAP	
	Project: 2503398	July 2025

Fig. 2



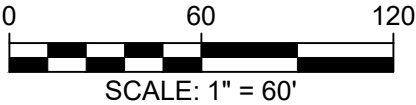
Analyte	UUSCOs	RRUSCOs	SB-4 (0-2)
Semivolatile Organic Compounds (mg/Kg)			
Benzo[b]fluoranthene	1	1	1.5
Indeno[1,2,3-cd]pyrene	0.5	0.5	0.75
Metals (mg/Kg)			
Lead	63	400	155
Mercury	0.18	0.81	0.20

Sample ID	SV-1
AIR BY TO-15 (ug/m3)	
cis-1,2-Dichloroethene	8,390 E
Tetrachloroethene	24,000 E
trans-1,2-Dichloroethene	556
Trichloroethene	9450 E

Analyte	UUSCOs	RRUSCOs	SB-7 (0-2)
Semivolatile Organic Compounds (mg/Kg)			
Benzo[a]anthracene	1	1	1.6
Benzo[a]pyrene	1	1	2.1
Benzo[b]fluoranthene	1	1	2.7
Benzo[k]fluoranthene	0.8	3.9	1.0
Chrysene	1	3.9	1.8
Dibenz[a,h]anthracene	0.33	0.33	0.41
Indeno[1,2,3-cd]pyrene	0.5	0.5	1.6
Metals (mg/Kg)			
Lead	63	400	90.3

Analyte	PGWSCOs	EDW-1 (14-15)	EDW-1 (19-20)
Volatile Organic Compounds (mg/Kg)			
cis-1,2-Dichloroethene	0.25	890 D	1.1 U F
Tetrachloroethene	1.3	76,000 D	2.4 F
Trichloroethene	0.47	3,400 D	1.1 U F
Semivolatile Organic Compounds (mg/Kg)			
Benzo[a]anthracene	1	4.3	0.037 U
Benzo[b]fluoranthene	1.7	11 S	0.037 U
Benzo[k]fluoranthene	1.7	3.1	0.037 U
Chrysene	1	7.7	0.37 U

NOTES:
USCOs - NYSDEC Part 375 Unrestricted Use Soil Cleanup Objectives
RRSCOs - NYSDEC Part 375 Restricted Residential Use Soil Cleanup Objectives
PGWSCOs - NYSDEC Part 375 Protection of Groundwater Soil Cleanup Objectives
mg/Kg - milligrams per kilogram
Bold and shaded Indicates an exceedance of applicable SCO.
U - Not Detected
D - Sample required dilution factor of 100,000.
F - Sample required dilution factor of 50.
S - Sample required dilution factor of 2.
E - Sample exceeds calibration range.



SOURCE:
1. MAP EXTRACTED FROM NEARMAPS

LEGEND	
SOIL SAMPLE LOCATION	20 JERUSALEM PROPERTY LINE
SOIL VAPOR SAMPLE LOCATION	40 JERUSALEM PROPERTY LINE

SUPPLEMENTAL PHASE II INVESTIGATION
20 & 40 JERUSALEM AVENUE
HICKSVILLE NY

TERWILLIGER & BARTONE PROPERTIES
FARMINGDALE, NEW YORK

GEI Consultants

SOIL EXCEEDANCE SUMMARY
MAP AND NOTABLE SOIL
VAPOR CONCENTRATIONS

Project: 2503398 July 2025 Fig. 3

Appendix A Soil Boring Logs

EXPLORATION LOG SOIL BORING SB-1						
Boring Location		North side of Site		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/13/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1		60	40	0.0	0"-6" - ASPHALT
2						6"-30" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
3						30"-40" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (75%) with some silt (20%) and trace fine gravel (5%, subangular), no odors or staining
4					0.0	
5	S2		60	45		0"-30" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (75%) with some silt (20%) and trace fine gravel (5%, subangular), no odors or staining
6					0.0	30"-45" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular),no odors or staining
7						
8					0.0	
9	S3		60	50		0"-50" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (75%) with some silt (20%) and trace fine gravel (5%, subangular), no odors or staining
10					0.0	
11						
12					0.0	
13	SB-1 (14-15)					
14						
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-2						
Boring Location		Proximate to Sanitary Tank		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/13/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1		60	36	0.0	0"-4" - ASPHALT
2					0.0	4"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (80%) with some silt (20%), no odors or staining
3						
4					0.0	
5	S2	SB-2 (9-10)	60	43	0.0	0"-43" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
6					0.0	
7						
8					0.0	
9	S3		60	50	0.0	0"-30" - SP: FINE GRADED SAND Gray fine sand (80%) with some silt (20%), no odors or staining
10					0.0	30"-50" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (75%) with some silt (20%) and trace fine gravel (5%, subangular), no odors or staining
11						
12					0.0	
13					0.0	
14						
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-3						
Boring Location		Proximate to Sanitary Tank		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/13/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1		60	30	0.0	0"-5" - ASPHALT
2					0.0	5"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
3						
4					0.0	
5	S2	SB-3 (9-10)	60	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
6					0.0	
7						
8					0.0	
9	S3		60	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (70%) with some silt (20%) and little fine gravel (10%, subangular), no odors or staining
10					0.0	
11						
12					0.0	
13					0.0	
14						
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-4						
Boring Location		Central Portion of Parking Lot		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/16/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1	SB-4 (0-2)	60	27	0.0	0"-5" - ASPHALT
2						5"-25" - SW: FINE TO COARSE GRADED SAND
3						Brown fine to coarse sand (60%) with some silt (20%) and some fill material (bricks and concrete) (20%), no odors or s
4					0.0	25"-27" - CRUSHED CONCRETE
5	S2		60	26	0.0	0"-26" - SW: FINE TO COARSE GRADED SAND
6						Light brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staini
7						
8					0.0	
9	S3		60	40	0.0	0"-40" - SW: FINE TO COARSE GRADED SAND
10						Light brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staini
11						
12					0.0	
13						
14					0.0	
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-5						
Boring Location		Central Portion of Parking Lot		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/16/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1	SB-5 (0-2)	60	25	0.0	0"-3" - ASPHALT
2					0.0	3"-25" - SW: FINE TO COARSE GRADED SAND Tan brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
3						
4					0.0	
5	S2		60	45	0.0	0"-25" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
6					0.0	25"-45" - SW: FINE TO COARSE GRADED SAND Light brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
7						
8					0.0	
9	S3		60	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Light brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
10					0.0	
11						
12					0.0	
13						
14						
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-6						
Boring Location		Central Portion of Parking Lot		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/16/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1	SB-6 (0-2)	60	25	0.0	0"-3" - ASPHALT
2						3"-15" - SW: FINE TO COARSE GRADED SAND
3						Brown fine to coarse sand (60%) with some silt (20%) and some fill material (bricks and concrete) (20%), no odors or
4					0.0	15"-25" - SW: FINE TO COARSE GRADED SAND
5	S2		60	25		Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
6					0.0	0"-25" - SW: FINE TO COARSE GRADED SAND
7						Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
8					0.0	
9	S3		60	36		0"-36" - SW: FINE TO COARSE GRADED SAND
10					0.0	Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
11						
12					0.0	
13						
14					0.0	
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING SB-7						
Boring Location		Southern Portion of Parking Lot		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/16/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Elevation (Start):				Drilling Method:		Direct Push
Elevation (End):				Total Depth (feet):		15
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1	S1	SB-7 (0-2)	60	36	0.0	0"-5" - ASPHALT
2						5"-10" - SW: FINE TO COARSE GRADED SAND
3						Brown fine to coarse sand (60%) with some silt (20%) and some fill material (bricks and concrete) (20%), no odors or s
4					0.0	10"-36" - SW: FINE TO COARSE GRADED SAND
5	S2		60	38		Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
6					0.0	0"-38" - SW: FINE TO COARSE GRADED SAND
7						Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
8						
9	S3		60	46	0.0	0"-46" - SW: FINE TO COARSE GRADED SAND
10						Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
11						
12					0.0	
13						
14						
15						

END OF BORING 15-feet BSG

EXPLORATION LOG SOIL BORING DW-1							
Boring Location		40 Jerusalem Proximate to Build		Client:		Terwillger & Bartone Properties	
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation	
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY	
Date:		6/13/2025		Contractor:		Clean Globe Environmental LLC	
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda	
Starting Depth:		10-feet Below Surface Grade		Drilling Method:		Direct Push	
Ending Depth:		15-feet Below Surface Grade		Total Depth (feet):		5	
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description	
1			NA	NA	NA	VOID	
2							
3							
4					NA		
5							
6			NA	NA	NA	VOID	
7							
8							
9					NA		
10							
11	S1	DW-1 (10-11)	60	25	0.0	0"-25" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium sand (60%) with some silt (20%), no odors or staining	
12							
13							
14		DW-1 (14-15)			0.1		
15							

END OF BORING 15-feet BSG

EXPLORATION LOG						
SOIL BORING DW-2						
Boring Location		40 Jerusalem Proximate to Building		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/13/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Starting Depth:		3-feet Below Surface Grade		Drilling Method:		Direct Push
Ending Depth:		8-feet Below Surface Grade		Total Depth (feet):		5
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1			NA	NA	NA	VOID
2						
3						
4	S1	DW-2 (3-4)	60	35	0.0	0"-15" - SP: FINE TO MEDIUM GRADED SAND Brown fine to medium sand (60%) with some silt (20%), no odors or staining 15"-35" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
5						
6						
7						
8		DW-2 (7-8)			0.0	

END OF BORING 8-feet BSG

EXPLORATION LOG SOIL BORING EDW-1							
Boring Location			40 Jerusalem Proximate to Buil		Client:	Terwillger & Bartone Properties	
Project Number:			2503398		Project Name:	Supplemental Phase II Investigation	
Logged By:			L. Robertson		Site Address:	20 & 40 Jerusalem Avenue, Hicksville NY	
Date:			6/12/2025		Contractor:	Clean Globe Environmental LLC	
Drill Type:			Geoprobe 7822DT		Driller:	Mario Pineda	
Starting Depth:			14-feet Below Surface Grade		Drilling Method:	Direct Push	
Ending Depth:			20-feet Below Surface Grade		Total Depth (feet):	6	
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description	
1			NA	NA	NA	VOID	
2							
3							
4					NA		
5							
6			NA	NA	NA	VOID	
7							
8							
9					NA		
10							
11			NA	NA	NA	VOID	
12							
13							
14							
15	S1	EDW-1 (14-15)	72	25	4.585	0"-5" - SM: SILT Gray silt (90%) with little fine sand (10%), stong odors, no evidence of staining	
16					5.9	5"-15" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or sta	
17						15"-25" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staini	
18		EDW-1 (19-20)			0.1		
19							
20							

END OF BORING 20-feet BSG

EXPLORATION LOG SOIL BORING EDW-2						
Boring Location		40 Jerusalem Proximate to Buil		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/12/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Starting Depth:		14-feet Below Surface Grade		Drilling Method:		Direct Push
Ending Depth:		20-feet Below Surface Grade		Total Depth (feet):		6
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1			NA	NA	NA	VOID
2						
3						
4					NA	
5						
6			NA	NA	NA	VOID
7						
8						
9					NA	
10						
11			NA	NA	NA	VOID
12						
13						
14						
15	S1	EDW-2 (14-15)	72	36	5.8	0"-10" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or stai
16						10"-36" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or stainir
17						
18						
19					0.0	
20		EDW-2 (19-20)				

END OF BORING 20-feet BSG

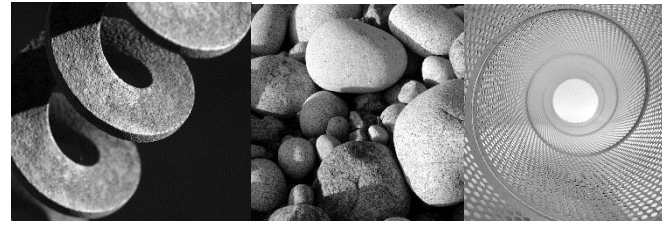
EXPLORATION LOG SOIL BORING EDW-2						
Boring Location		40 Jerusalem Proximate to Buil		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/12/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Starting Depth:		14-feet Below Surface Grade		Drilling Method:		Direct Push
Ending Depth:		20-feet Below Surface Grade		Total Depth (feet):		6
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1			NA	NA	NA	VOID
2						
3						
4					NA	
5						
6			NA	NA	NA	VOID
7						
8						
9					NA	
10						
11			NA	NA	NA	VOID
12						
13						
14						
15	S1	EDW-3 (14-15)	72	40	0.0	0"-7" - SW: FINE TO COARSE GRADED SAND Brown fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or stai
16						7"-40" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or stainir
17						
18						
19					0.0	
20		EDW-3 (19-20)				

END OF BORING 20-feet BSG

EXPLORATION LOG SOIL BORING CP-1						
Boring Location		40 Jerusalem Proximate to Buil		Client:		Terwillger & Bartone Properties
Project Number:		2503398		Project Name:		Supplemental Phase II Investigation
Logged By:		L. Robertson		Site Address:		20 & 40 Jerusalem Avenue, Hicksville NY
Date:		6/12/2025		Contractor:		Clean Globe Environmental LLC
Drill Type:		Geoprobe 7822DT		Driller:		Mario Pineda
Starting Depth:		14-feet Below Surface Grade		Drilling Method:		Direct Push
Ending Depth:		20-feet Below Surface Grade		Total Depth (feet):		6
Depth (feet)	Sample Identification	Lab Sample Interval (feet)	Penetration (inches)	Recovery (inches)	PID Jar HS / Remarks	Sample Description
1			NA	NA	NA	VOID
2						
3						
4					NA	
5						
6			NA	NA	NA	VOID
7						
8						
9					NA	
10						
11			NA	NA	NA	VOID
12						
13						
14						
15	S1	CP-1 (14-15)	72	36	0.0	0"-36" - SW: FINE TO COARSE GRADED SAND Tan fine to coarse sand (60%) with some silt (20%) and some fine gravel (20%, subangular), no odors or staining
16						
17						
18						
19					0.0	
20		CP-1 (19-20)				

END OF BORING 20-feet BSG

Appendix B Photographs



20 & 40 Jerusalem Avenue
Hicksville, New York

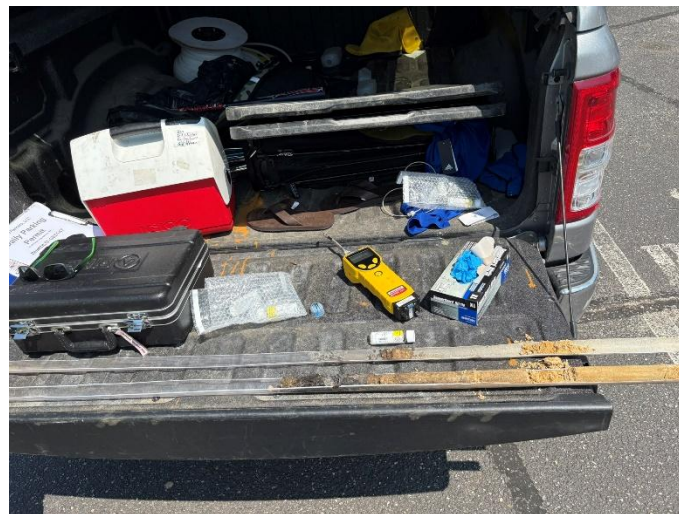


Consulting
Engineers and
Scientists

Site Photographs



1. View of EDW-1 location.



2. View of soil collected at EDW-1 location.



3. View of EDW-2 location.



4. View of soil collected at EDW-2 location.



5. View of SI-SB-1 location.



6. View of soil collected at SI-SB-1 location.



7. View of SI-SB-2 and SI-SB-3 locations.



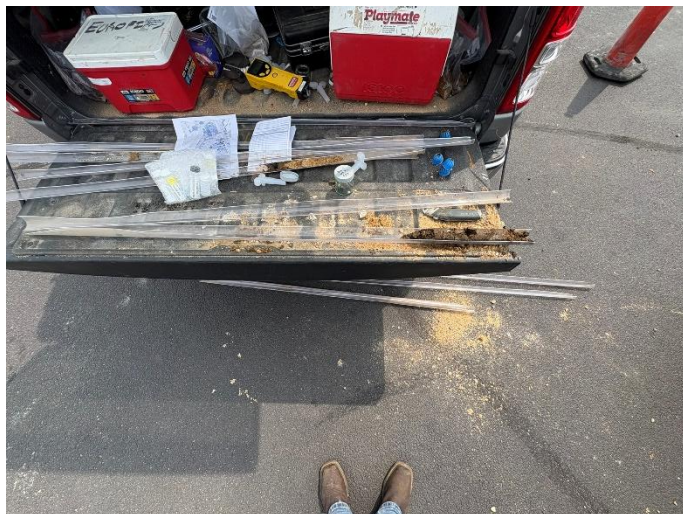
8. View of soil collected at SI-SB-2 location.



9. View of soil collected at SI-SB-3 location.



10. View of DW-1 and DW-2 locations.



11. View of typical soil collected at DW-1 and DW-2 locations.



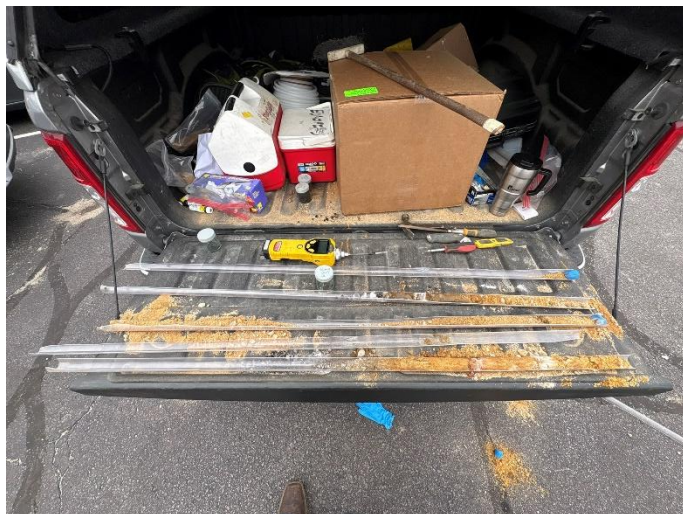
12. View of SI-SB-4 location.



13. View of SI-SB-5 location. View of soil collected at SI-SB-4 location.



14. View of soil collected at SI-SB-4 location.



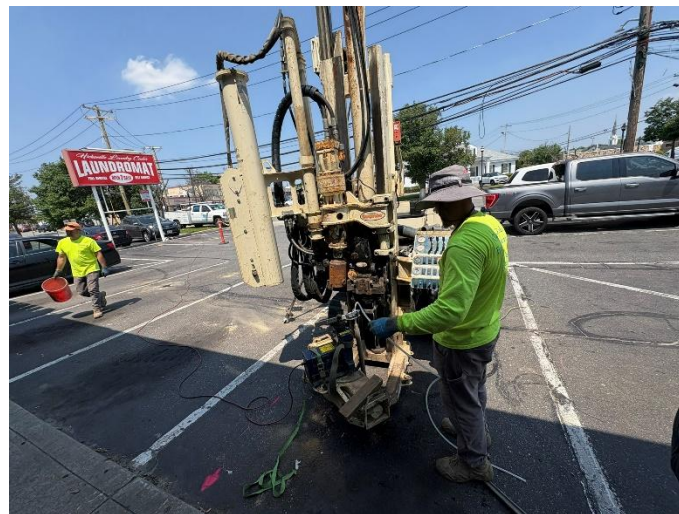
15. View of soil collected at SI-SB-5 location.



16. View of SI-SB-7 location.



17. View of soil collected at SI-SB-4 location.



18. View of typical method of collecting groundwater samples at the Site.



19. View of typical soil vapor sample collected at the Site.

Appendix C Laboratory Analytical Reports

ANALYTICAL REPORT

PREPARED FOR

Attn: Rich Fasciani
GEI Consultants Inc
1000 New York Avenue
Huntington Station, New York 11746

Generated 6/26/2025 6:30:40 PM

JOB DESCRIPTION

20/40 Jerusalem Avenue

JOB NUMBER

460-328592-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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6/26/2025 6:30:40 PM

Authorized for release by
Katelyn Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	Surrogate is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
*	MS or MSD is outside acceptance limits.
*	Duplicate RPD exceeds control limits
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Definitions/Glossary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Case Narrative

Client: GEI Consultants Inc
Project: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Job ID: 460-328592-1

Eurofins Edison

Job Narrative 460-328592-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/16/2025 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7°C and 1.3°C.

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) for analytical batch 460-1045112 recovered outside control limits for the following analyte: Vinyl chloride. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: Four surrogates are used for this analysis. The laboratory's SOP allows one of these surrogates to be outside acceptance criteria without performing re-extraction/re-analysis. The following sample contained an allowable number of surrogate compounds outside limits: DW-1 (14-15) (460-328592-5). These results have been reported and qualified.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1044412 was outside the method criteria for the following analyte(s): 1,2-Diphenylhydrazine, 2-Nitroaniline, 4-Nitrophenol, Benzaldehyde and bis (2-chloroisopropyl) ether. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1044357 and analytical batch 460-1044412 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Caprolactam. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Lab Sample ID: 460-328592-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Aluminum	947		16.2	4.4	mg/Kg	1	✱	6020B	Total/NA
Arsenic	0.79	J	0.81	0.083	mg/Kg	1	✱	6020B	Total/NA
Barium	4.2		1.6	0.12	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.078	J	0.32	0.018	mg/Kg	1	✱	6020B	Total/NA
Calcium	81.7		81.0	7.9	mg/Kg	1	✱	6020B	Total/NA
Chromium	2.9		1.6	0.24	mg/Kg	1	✱	6020B	Total/NA
Cobalt	0.57	J	1.6	0.12	mg/Kg	1	✱	6020B	Total/NA
Copper	2.1		1.6	0.30	mg/Kg	1	✱	6020B	Total/NA
Iron	3030		48.6	6.2	mg/Kg	1	✱	6020B	Total/NA
Lead	1.0		0.49	0.16	mg/Kg	1	✱	6020B	Total/NA
Magnesium	224		81.0	8.3	mg/Kg	1	✱	6020B	Total/NA
Manganese	30.2		3.2	0.33	mg/Kg	1	✱	6020B	Total/NA
Nickel	1.5	J	1.6	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	149		81.0	13.1	mg/Kg	1	✱	6020B	Total/NA
Vanadium	2.0		1.6	0.17	mg/Kg	1	✱	6020B	Total/NA
Zinc	3.9	J	6.5	0.88	mg/Kg	1	✱	6020B	Total/NA

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.00072	J	0.00086	0.00026	mg/Kg	1	✱	8260D	Total/NA
Aluminum	2020		17.6	4.8	mg/Kg	1	✱	6020B	Total/NA
Arsenic	1.0		0.88	0.091	mg/Kg	1	✱	6020B	Total/NA
Barium	7.6		1.8	0.13	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.14	J	0.35	0.019	mg/Kg	1	✱	6020B	Total/NA
Calcium	160		88.2	8.6	mg/Kg	1	✱	6020B	Total/NA
Chromium	6.5		1.8	0.26	mg/Kg	1	✱	6020B	Total/NA
Cobalt	1.0	J	1.8	0.13	mg/Kg	1	✱	6020B	Total/NA
Copper	3.2		1.8	0.32	mg/Kg	1	✱	6020B	Total/NA
Iron	4310		52.9	6.8	mg/Kg	1	✱	6020B	Total/NA
Lead	1.6		0.53	0.18	mg/Kg	1	✱	6020B	Total/NA
Magnesium	363		88.2	9.0	mg/Kg	1	✱	6020B	Total/NA
Manganese	75.8		3.5	0.36	mg/Kg	1	✱	6020B	Total/NA
Nickel	2.3		1.8	0.16	mg/Kg	1	✱	6020B	Total/NA
Potassium	190		88.2	14.3	mg/Kg	1	✱	6020B	Total/NA
Sodium	41.3	J	88.2	40.3	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.054	J	0.35	0.036	mg/Kg	1	✱	6020B	Total/NA
Vanadium	3.8		1.8	0.18	mg/Kg	1	✱	6020B	Total/NA
Zinc	9.6		7.1	0.96	mg/Kg	1	✱	6020B	Total/NA

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene	0.0060		0.00085	0.00026	mg/Kg	1	✱	8260D	Total/NA
Aluminum	945		15.3	4.2	mg/Kg	1	✱	6020B	Total/NA
Arsenic	2.4		0.77	0.079	mg/Kg	1	✱	6020B	Total/NA
Barium	4.6		1.5	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.14	J	0.31	0.017	mg/Kg	1	✱	6020B	Total/NA
Calcium	80.7		76.6	7.5	mg/Kg	1	✱	6020B	Total/NA
Chromium	10.3		1.5	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	0.73	J	1.5	0.11	mg/Kg	1	✱	6020B	Total/NA
Copper	3.1		1.5	0.28	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10) (Continued)

Lab Sample ID: 460-328592-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Iron	10700		45.9	5.9	mg/Kg	1	✱	6020B	Total/NA
Lead	1.0		0.46	0.15	mg/Kg	1	✱	6020B	Total/NA
Magnesium	132		76.6	7.8	mg/Kg	1	✱	6020B	Total/NA
Manganese	60.1		3.1	0.31	mg/Kg	1	✱	6020B	Total/NA
Nickel	1.6		1.5	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	96.4		76.6	12.4	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.17	J	0.96	0.098	mg/Kg	1	✱	6020B	Total/NA
Vanadium	2.9		1.5	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	6.2		6.1	0.83	mg/Kg	1	✱	6020B	Total/NA

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.0040		0.00084	0.00082	mg/Kg	1	✱	8260D	Total/NA
cis-1,2-Dichloroethene	0.00052	J	0.00084	0.00030	mg/Kg	1	✱	8260D	Total/NA
Tetrachloroethene	0.035		0.00084	0.00026	mg/Kg	1	✱	8260D	Total/NA
Trichloroethene	0.0011		0.00084	0.00027	mg/Kg	1	✱	8260D	Total/NA
Acenaphthene	0.017	J	0.34	0.0096	mg/Kg	1	✱	8270E	Total/NA
Acenaphthylene	0.011	J	0.34	0.0097	mg/Kg	1	✱	8270E	Total/NA
Anthracene	0.050	J	0.34	0.010	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]anthracene	0.20		0.034	0.025	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	0.21		0.034	0.0090	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	0.30		0.034	0.0087	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.11	J	0.34	0.010	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.11		0.034	0.0066	mg/Kg	1	✱	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.023	J	0.34	0.018	mg/Kg	1	✱	8270E	Total/NA
Carbazole	0.015	J	0.34	0.013	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.21	J	0.34	0.014	mg/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	0.043		0.034	0.015	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.45		0.34	0.012	mg/Kg	1	✱	8270E	Total/NA
Fluorene	0.012	J	0.34	0.0099	mg/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.14		0.034	0.013	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.19	J	0.34	0.014	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.32	J	0.34	0.0084	mg/Kg	1	✱	8270E	Total/NA
Aluminum	5640		15.4	4.2	mg/Kg	1	✱	6020B	Total/NA
Antimony	0.29	J	0.77	0.11	mg/Kg	1	✱	6020B	Total/NA
Arsenic	4.9		0.77	0.079	mg/Kg	1	✱	6020B	Total/NA
Barium	24.3		1.5	0.11	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.21	J	0.31	0.017	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.19	J	0.77	0.087	mg/Kg	1	✱	6020B	Total/NA
Calcium	5830		76.9	7.5	mg/Kg	1	✱	6020B	Total/NA
Chromium	9.3		1.5	0.23	mg/Kg	1	✱	6020B	Total/NA
Cobalt	2.5		1.5	0.11	mg/Kg	1	✱	6020B	Total/NA
Copper	11.8		1.5	0.28	mg/Kg	1	✱	6020B	Total/NA
Iron	8060		46.2	5.9	mg/Kg	1	✱	6020B	Total/NA
Lead	41.4		0.46	0.15	mg/Kg	1	✱	6020B	Total/NA
Magnesium	2520		76.9	7.8	mg/Kg	1	✱	6020B	Total/NA
Manganese	104		3.1	0.31	mg/Kg	1	✱	6020B	Total/NA
Nickel	5.9		1.5	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	361		76.9	12.5	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.24	J	0.96	0.098	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (10-11) (Continued)

Lab Sample ID: 460-328592-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Sodium	152		76.9	35.2	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.063	J	0.31	0.032	mg/Kg	1	✱	6020B	Total/NA
Vanadium	11.8		1.5	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	44.8		6.2	0.84	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.15		0.016	0.0073	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.0032		0.0010	0.00098	mg/Kg	1	✱	8260D	Total/NA
cis-1,2-Dichloroethene	0.00057	J	0.0010	0.00036	mg/Kg	1	✱	8260D	Total/NA
Methyl acetate	0.011		0.0051	0.0044	mg/Kg	1	✱	8260D	Total/NA
Tetrachloroethene	0.024		0.0010	0.00031	mg/Kg	1	✱	8260D	Total/NA
Trichloroethene	0.00095	J	0.0010	0.00033	mg/Kg	1	✱	8260D	Total/NA
Benzo[a]anthracene	0.036		0.034	0.025	mg/Kg	1	✱	8270E	Total/NA
Benzo[a]pyrene	0.042		0.034	0.0090	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	0.060		0.034	0.0087	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.030	J	0.34	0.0099	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.021	J	0.034	0.0066	mg/Kg	1	✱	8270E	Total/NA
Bis(2-ethylhexyl) phthalate	0.019	J	0.34	0.018	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.042	J	0.34	0.014	mg/Kg	1	✱	8270E	Total/NA
Dibenz(a,h)anthracene	0.027	J	0.034	0.015	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.062	J	0.34	0.012	mg/Kg	1	✱	8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.045		0.034	0.013	mg/Kg	1	✱	8270E	Total/NA
Phenanthrene	0.020	J	0.34	0.014	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.050	J	0.34	0.0084	mg/Kg	1	✱	8270E	Total/NA
Aluminum	4820		15.9	4.4	mg/Kg	1	✱	6020B	Total/NA
Antimony	0.87		0.79	0.12	mg/Kg	1	✱	6020B	Total/NA
Arsenic	4.8		0.79	0.082	mg/Kg	1	✱	6020B	Total/NA
Barium	18.6		1.6	0.12	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.20	J	0.32	0.017	mg/Kg	1	✱	6020B	Total/NA
Cadmium	0.27	J	0.79	0.090	mg/Kg	1	✱	6020B	Total/NA
Calcium	3630		79.5	7.7	mg/Kg	1	✱	6020B	Total/NA
Chromium	11.7		1.6	0.24	mg/Kg	1	✱	6020B	Total/NA
Cobalt	2.1		1.6	0.12	mg/Kg	1	✱	6020B	Total/NA
Copper	52.2		1.6	0.29	mg/Kg	1	✱	6020B	Total/NA
Iron	7540		47.7	6.1	mg/Kg	1	✱	6020B	Total/NA
Lead	78.6		0.48	0.16	mg/Kg	1	✱	6020B	Total/NA
Magnesium	1810		79.5	8.1	mg/Kg	1	✱	6020B	Total/NA
Manganese	99.2		3.2	0.32	mg/Kg	1	✱	6020B	Total/NA
Nickel	4.9		1.6	0.14	mg/Kg	1	✱	6020B	Total/NA
Potassium	307		79.5	12.9	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.22	J	0.99	0.10	mg/Kg	1	✱	6020B	Total/NA
Sodium	159		79.5	36.3	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.048	J	0.32	0.033	mg/Kg	1	✱	6020B	Total/NA
Vanadium	11.5		1.6	0.16	mg/Kg	1	✱	6020B	Total/NA
Zinc	38.1		6.4	0.87	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.088		0.017	0.0081	mg/Kg	1	✱	7471B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (3-4)

Lab Sample ID: 460-328592-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0078		0.0060	0.0057	mg/Kg	1	✱		8260D	Total/NA
Tetrachloroethene	0.012		0.0010	0.00030	mg/Kg	1	✱		8260D	Total/NA
Toluene	0.00082	J	0.0010	0.00023	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.0096	J	0.33	0.0093	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	0.14	J	0.33	0.0095	mg/Kg	1	✱		8270E	Total/NA
Anthracene	0.31	J	0.33	0.010	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.62		0.033	0.025	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.68		0.033	0.0089	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	0.87		0.033	0.0086	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.33		0.33	0.0098	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.36		0.033	0.0065	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.044	J	0.33	0.013	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.72		0.33	0.014	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.10		0.033	0.014	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.068	J	0.33	0.011	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	1.5		0.33	0.012	mg/Kg	1	✱		8270E	Total/NA
Fluorene	0.15	J	0.33	0.0097	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.37		0.033	0.013	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	1.0		0.33	0.014	mg/Kg	1	✱		8270E	Total/NA
Pyrene	1.0		0.33	0.0083	mg/Kg	1	✱		8270E	Total/NA
Aluminum	1980		14.9	4.1	mg/Kg	1	✱		6020B	Total/NA
Antimony	0.29	J	0.74	0.11	mg/Kg	1	✱		6020B	Total/NA
Arsenic	2.7		0.74	0.077	mg/Kg	1	✱		6020B	Total/NA
Barium	8.5		1.5	0.11	mg/Kg	1	✱		6020B	Total/NA
Beryllium	0.084	J	0.30	0.016	mg/Kg	1	✱		6020B	Total/NA
Calcium	10300		74.3	7.2	mg/Kg	1	✱		6020B	Total/NA
Chromium	4.4		1.5	0.22	mg/Kg	1	✱		6020B	Total/NA
Cobalt	1.9		1.5	0.11	mg/Kg	1	✱		6020B	Total/NA
Copper	14.4		1.5	0.27	mg/Kg	1	✱		6020B	Total/NA
Iron	8440		44.6	5.7	mg/Kg	1	✱		6020B	Total/NA
Lead	20.9		0.45	0.15	mg/Kg	1	✱		6020B	Total/NA
Magnesium	4600		74.3	7.6	mg/Kg	1	✱		6020B	Total/NA
Manganese	69.7		3.0	0.30	mg/Kg	1	✱		6020B	Total/NA
Nickel	4.4		1.5	0.13	mg/Kg	1	✱		6020B	Total/NA
Potassium	165		74.3	12.0	mg/Kg	1	✱		6020B	Total/NA
Silver	0.35		0.30	0.066	mg/Kg	1	✱		6020B	Total/NA
Sodium	98.1		74.3	33.9	mg/Kg	1	✱		6020B	Total/NA
Vanadium	7.7		1.5	0.15	mg/Kg	1	✱		6020B	Total/NA
Zinc	16.5		5.9	0.81	mg/Kg	1	✱		6020B	Total/NA
Mercury	0.016		0.016	0.0077	mg/Kg	1	✱		7471B	Total/NA

Client Sample ID: DW-2 (7-8)

Lab Sample ID: 460-328592-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0093		0.0052	0.0050	mg/Kg	1	✱		8260D	Total/NA
Aluminum	5350		16.0	4.4	mg/Kg	1	✱		6020B	Total/NA
Arsenic	0.76	J	0.80	0.083	mg/Kg	1	✱		6020B	Total/NA
Barium	20.3		1.6	0.12	mg/Kg	1	✱		6020B	Total/NA
Beryllium	0.19	J	0.32	0.018	mg/Kg	1	✱		6020B	Total/NA
Calcium	93.4		80.1	7.8	mg/Kg	1	✱		6020B	Total/NA
Chromium	6.3		1.6	0.24	mg/Kg	1	✱		6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (7-8) (Continued)

Lab Sample ID: 460-328592-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Cobalt	2.7		1.6	0.12	mg/Kg	1	✳	6020B	Total/NA
Copper	6.0		1.6	0.29	mg/Kg	1	✳	6020B	Total/NA
Iron	7550		48.1	6.1	mg/Kg	1	✳	6020B	Total/NA
Lead	2.6		0.48	0.16	mg/Kg	1	✳	6020B	Total/NA
Magnesium	1660		80.1	8.2	mg/Kg	1	✳	6020B	Total/NA
Manganese	83.4		3.2	0.32	mg/Kg	1	✳	6020B	Total/NA
Nickel	3.4		1.6	0.14	mg/Kg	1	✳	6020B	Total/NA
Potassium	2000		80.1	13.0	mg/Kg	1	✳	6020B	Total/NA
Sodium	50.9	J	80.1	36.6	mg/Kg	1	✳	6020B	Total/NA
Thallium	0.14	J	0.32	0.033	mg/Kg	1	✳	6020B	Total/NA
Vanadium	8.1		1.6	0.17	mg/Kg	1	✳	6020B	Total/NA
Zinc	19.1		6.4	0.87	mg/Kg	1	✳	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Lab Sample ID: 460-328592-1

Date Collected: 06/13/25 08:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
2-Butanone (MEK)	0.0048	U	0.0048	0.00035	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
2-Hexanone	0.0048	U	0.0048	0.0016	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
4-Methyl-2-pentanone (MIBK)	0.0048	U	0.0048	0.0015	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Acetone	0.0057	U	0.0057	0.0055	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Bromoform	0.00095	U	0.00095	0.00041	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chloroform	0.00095	U	0.00095	0.00093	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Ethylbenzene	0.00095	U	0.00095	0.00045	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Methyl acetate	0.0048	U	0.0048	0.0041	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Methylcyclohexane	0.00095	U	0.00095	0.00048	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☆	06/17/25 15:16	06/21/25 00:04	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Lab Sample ID: 460-328592-1

Date Collected: 06/13/25 08:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Trichloroethene	0.00095	U	0.00095	0.00031	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Vinyl chloride	0.00095	U *	0.00095	0.00052	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	06/17/25 15:16	06/21/25 00:04	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/17/25 15:16	06/21/25 00:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		65 - 138	06/17/25 15:16	06/21/25 00:04	1
4-Bromofluorobenzene	77		71 - 128	06/17/25 15:16	06/21/25 00:04	1
Dibromofluoromethane (Surr)	115		50 - 150	06/17/25 15:16	06/21/25 00:04	1
Toluene-d8 (Surr)	96		71 - 126	06/17/25 15:16	06/21/25 00:04	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Nitroaniline	0.34	U	0.34	0.085	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☼	06/18/25 06:27	06/18/25 11:56	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Lab Sample ID: 460-328592-1

Date Collected: 06/13/25 08:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Acenaphthylene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.0099	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Caprolactam	0.34	U *	0.34	0.052	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Fluorene	0.34	U	0.34	0.0098	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☆	06/18/25 06:27	06/18/25 11:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	84		18 - 137	06/18/25 06:27	06/18/25 11:56	1
2-Fluorobiphenyl	72		33 - 117	06/18/25 06:27	06/18/25 11:56	1
2-Fluorophenol (Surr)	72		24 - 120	06/18/25 06:27	06/18/25 11:56	1
Nitrobenzene-d5 (Surr)	62		27 - 120	06/18/25 06:27	06/18/25 11:56	1
Phenol-d5 (Surr)	68		28 - 118	06/18/25 06:27	06/18/25 11:56	1
Terphenyl-d14 (Surr)	68		33 - 124	06/18/25 06:27	06/18/25 11:56	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Lab Sample ID: 460-328592-1

Date Collected: 06/13/25 08:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.0

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	947		16.2	4.4	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Antimony	0.81	U	0.81	0.12	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Arsenic	0.79	J	0.81	0.083	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Barium	4.2		1.6	0.12	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Beryllium	0.078	J	0.32	0.018	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Cadmium	0.81	U	0.81	0.091	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Calcium	81.7		81.0	7.9	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Chromium	2.9		1.6	0.24	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Cobalt	0.57	J	1.6	0.12	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Copper	2.1		1.6	0.30	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Iron	3030		48.6	6.2	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Lead	1.0		0.49	0.16	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Magnesium	224		81.0	8.3	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Manganese	30.2		3.2	0.33	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Nickel	1.5	J	1.6	0.14	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Potassium	149		81.0	13.1	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Selenium	1.0	U	1.0	0.10	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Silver	0.32	U	0.32	0.072	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Sodium	81.0	U	81.0	37.0	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Thallium	0.32	U	0.32	0.033	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Vanadium	2.0		1.6	0.17	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1
Zinc	3.9	J	6.5	0.88	mg/Kg	☆	06/20/25 23:30	06/21/25 14:54	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0078	mg/Kg	☆	06/23/25 02:25	06/23/25 14:43	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.0		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	98.0		1.0	1.0	%			06/17/25 17:40	1

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Date Collected: 06/13/25 09:15

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00086	U	0.00086	0.00020	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,1,2,2-Tetrachloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00086	U	0.00086	0.00026	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,1,2-Trichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,1-Dichloroethane	0.00086	U	0.00086	0.00052	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,1-Dichloroethene	0.00086	U	0.00086	0.00019	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2,3-Trichlorobenzene	0.00086	U	0.00086	0.00064	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2,4-Trichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2,4-Trimethylbenzene	0.00086	U	0.00086	0.00021	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2-Dibromo-3-Chloropropane	0.00086	U	0.00086	0.00040	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2-Dichlorobenzene	0.00086	U	0.00086	0.00031	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1
1,2-Dichloroethane	0.00086	U	0.00086	0.00026	mg/Kg	☆	06/17/25 15:16	06/21/25 00:28	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Date Collected: 06/13/25 09:15

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 89.9

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00086	U	0.00086	0.00037	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
1,3,5-Trimethylbenzene	0.00086	U	0.00086	0.00027	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
1,3-Dichlorobenzene	0.00086	U	0.00086	0.00032	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
1,4-Dichlorobenzene	0.00086	U	0.00086	0.00045	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
2-Butanone (MEK)	0.0043	U	0.0043	0.00032	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
2-Hexanone	0.0043	U	0.0043	0.0015	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
4-Methyl-2-pentanone (MIBK)	0.0043	U	0.0043	0.0013	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Acetone	0.0052	U	0.0052	0.0049	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Benzene	0.00086	U	0.00086	0.00049	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Bromoform	0.00086	U	0.00086	0.00037	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Bromomethane	0.0017	U	0.0017	0.00086	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Carbon disulfide	0.00086	U	0.00086	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Carbon tetrachloride	0.00086	U	0.00086	0.00033	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chlorobenzene	0.00086	U	0.00086	0.00044	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chlorobromomethane	0.00086	U	0.00086	0.00052	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chlorodibromomethane	0.00086	U	0.00086	0.00046	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chloroethane	0.00086	U	0.00086	0.00045	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chloroform	0.00086	U	0.00086	0.00084	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Chloromethane	0.00086	U	0.00086	0.00038	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
cis-1,2-Dichloroethene	0.00086	U	0.00086	0.00031	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
cis-1,3-Dichloropropene	0.00086	U	0.00086	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Cyclohexane	0.00086	U	0.00086	0.00019	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Dichlorobromomethane	0.00086	U	0.00086	0.00022	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Dichlorodifluoromethane	0.00086	U	0.00086	0.00029	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Ethylbenzene	0.00086	U	0.00086	0.00040	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Ethylene Dibromide	0.00086	U	0.00086	0.00044	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Isopropylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Methyl acetate	0.0043	U	0.0043	0.0037	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Methyl tert-butyl ether	0.00086	U	0.00086	0.00044	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Methylcyclohexane	0.00086	U	0.00086	0.00043	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Methylene Chloride	0.0017	U	0.0017	0.00099	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
m-Xylene & p-Xylene	0.00086	U	0.00086	0.00037	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
n-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
N-Propylbenzene	0.00086	U	0.00086	0.00039	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
o-Xylene	0.00086	U	0.00086	0.00040	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
sec-Butylbenzene	0.00086	U	0.00086	0.00025	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Styrene	0.00086	U	0.00086	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
tert-Butylbenzene	0.00086	U	0.00086	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Tetrachloroethene	0.00072	J	0.00086	0.00026	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Toluene	0.00086	U	0.00086	0.00020	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
trans-1,2-Dichloroethene	0.00086	U	0.00086	0.00021	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
trans-1,3-Dichloropropene	0.00086	U	0.00086	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Trichloroethene	0.00086	U	0.00086	0.00028	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Trichlorofluoromethane	0.00086	U	0.00086	0.00035	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Vinyl chloride	0.00086	U *	0.00086	0.00047	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	06/17/25 15:16	06/21/25 00:28	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/17/25 15:16	06/21/25 00:28	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Date Collected: 06/13/25 09:15

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 89.9

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		65 - 138	06/17/25 15:16	06/21/25 00:28	1
4-Bromofluorobenzene	78		71 - 128	06/17/25 15:16	06/21/25 00:28	1
Dibromofluoromethane (Surr)	113		50 - 150	06/17/25 15:16	06/21/25 00:28	1
Toluene-d8 (Surr)	96		71 - 126	06/17/25 15:16	06/21/25 00:28	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.37	U	0.37	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
1,2,4,5-Tetrachlorobenzene	0.37	U	0.37	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
1,4-Dioxane	0.037	U	0.037	0.032	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,2'-oxybis[1-chloropropane]	0.37	U	0.37	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,3,4,6-Tetrachlorophenol	0.37	U	0.37	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4,5-Trichlorophenol	0.37	U	0.37	0.037	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4-Dichlorophenol	0.15	U	0.15	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4-Dimethylphenol	0.37	U	0.37	0.044	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4-Dinitrophenol	0.30	U	0.30	0.18	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,4-Dinitrotoluene	0.074	U	0.074	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2,6-Dinitrotoluene	0.074	U	0.074	0.027	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Chloronaphthalene	0.37	U	0.37	0.047	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Chlorophenol	0.37	U	0.37	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Methylnaphthalene	0.37	U	0.37	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Methylphenol	0.37	U	0.37	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Nitroaniline	0.37	U	0.37	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
2-Nitrophenol	0.37	U	0.37	0.037	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
3 & 4 Methylphenol	0.37	U	0.37	0.023	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
3-Nitroaniline	0.37	U	0.37	0.087	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4,6-Dinitro-2-methylphenol	0.30	U	0.30	0.15	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Bromophenyl phenyl ether	0.37	U	0.37	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Chloro-3-methylphenol	0.37	U	0.37	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Chloroaniline	0.37	U	0.37	0.065	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Chlorophenyl phenyl ether	0.37	U	0.37	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Methylphenol	0.37	U	0.37	0.023	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Nitroaniline	0.37	U	0.37	0.093	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
4-Nitrophenol	0.74	U	0.74	0.060	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Acenaphthene	0.37	U	0.37	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Acenaphthylene	0.37	U	0.37	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Acetophenone	0.37	U	0.37	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Anthracene	0.37	U	0.37	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Atrazine	0.15	U *	0.15	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzaldehyde	0.37	U *	0.37	0.061	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzo[a]anthracene	0.037	U	0.037	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzo[a]pyrene	0.037	U	0.037	0.0098	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzo[b]fluoranthene	0.037	U	0.037	0.0095	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzo[g,h,i]perylene	0.37	U	0.37	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Benzo[k]fluoranthene	0.037	U	0.037	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Bis(2-chloroethoxy)methane	0.37	U	0.37	0.068	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Bis(2-chloroethyl)ether	0.037	U	0.037	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Bis(2-ethylhexyl) phthalate	0.37	U	0.37	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Date Collected: 06/13/25 09:15

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 89.9

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.37	U	0.37	0.017	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Caprolactam	0.37	U *	0.37	0.057	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Carbazole	0.37	U	0.37	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Chrysene	0.37	U	0.37	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Dibenz(a,h)anthracene	0.037	U	0.037	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Dibenzofuran	0.37	U	0.37	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Diethyl phthalate	0.37	U	0.37	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Dimethyl phthalate	0.37	U	0.37	0.083	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Di-n-butyl phthalate	0.37	U	0.37	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Di-n-octyl phthalate	0.37	U	0.37	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Fluoranthene	0.37	U	0.37	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Fluorene	0.37	U	0.37	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Hexachlorobenzene	0.037	U	0.037	0.017	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Hexachlorocyclopentadiene	0.37	U	0.37	0.032	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Hexachloroethane	0.037	U	0.037	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Indeno[1,2,3-cd]pyrene	0.037	U	0.037	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Naphthalene	0.37	U	0.37	0.0064	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Nitrobenzene	0.037	U	0.037	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
N-Nitrosodi-n-propylamine	0.037	U	0.037	0.027	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
N-Nitrosodiphenylamine	0.37	U	0.37	0.030	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Pentachlorophenol	0.30	U	0.30	0.075	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Phenanthrene	0.37	U	0.37	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Phenol	0.37	U	0.37	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1
Pyrene	0.37	U	0.37	0.0091	mg/Kg	☆	06/18/25 06:27	06/18/25 12:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		18 - 137	06/18/25 06:27	06/18/25 12:14	1
2-Fluorobiphenyl	64		33 - 117	06/18/25 06:27	06/18/25 12:14	1
2-Fluorophenol (Surr)	64		24 - 120	06/18/25 06:27	06/18/25 12:14	1
Nitrobenzene-d5 (Surr)	54		27 - 120	06/18/25 06:27	06/18/25 12:14	1
Phenol-d5 (Surr)	60		28 - 118	06/18/25 06:27	06/18/25 12:14	1
Terphenyl-d14 (Surr)	62		33 - 124	06/18/25 06:27	06/18/25 12:14	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2020		17.6	4.8	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Antimony	0.88	U	0.88	0.13	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Arsenic	1.0		0.88	0.091	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Barium	7.6		1.8	0.13	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Beryllium	0.14	J	0.35	0.019	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Cadmium	0.88	U	0.88	0.10	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Calcium	160		88.2	8.6	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Chromium	6.5		1.8	0.26	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Cobalt	1.0	J	1.8	0.13	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Copper	3.2		1.8	0.32	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Iron	4310		52.9	6.8	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Lead	1.6		0.53	0.18	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Magnesium	363		88.2	9.0	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-2 (9-10)

Lab Sample ID: 460-328592-2

Date Collected: 06/13/25 09:15

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 89.9

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	75.8		3.5	0.36	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Nickel	2.3		1.8	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Potassium	190		88.2	14.3	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Selenium	1.1	U	1.1	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Silver	0.35	U	0.35	0.079	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Sodium	41.3	J	88.2	40.3	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Thallium	0.054	J	0.35	0.036	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Vanadium	3.8		1.8	0.18	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1
Zinc	9.6		7.1	0.96	mg/Kg	☆	06/21/25 18:10	06/22/25 16:52	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.018	U	0.018	0.0083	mg/Kg	☆	06/23/25 02:25	06/23/25 14:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	10.1		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	89.9		1.0	1.0	%			06/17/25 17:40	1

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Date Collected: 06/13/25 09:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00085	U	0.00085	0.00020	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,1,2,2-Tetrachloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00085	U	0.00085	0.00026	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,1,2-Trichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,1-Dichloroethane	0.00085	U	0.00085	0.00051	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,1-Dichloroethene	0.00085	U	0.00085	0.00019	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2,3-Trichlorobenzene	0.00085	U	0.00085	0.00063	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2,4-Trichlorobenzene	0.00085	U	0.00085	0.00030	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2,4-Trimethylbenzene	0.00085	U	0.00085	0.00021	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2-Dibromo-3-Chloropropane	0.00085	U	0.00085	0.00039	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2-Dichloroethane	0.00085	U	0.00085	0.00025	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,2-Dichloropropane	0.00085	U	0.00085	0.00036	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,3,5-Trimethylbenzene	0.00085	U	0.00085	0.00027	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,3-Dichlorobenzene	0.00085	U	0.00085	0.00031	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
1,4-Dichlorobenzene	0.00085	U	0.00085	0.00044	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
2-Hexanone	0.0042	U	0.0042	0.0015	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Acetone	0.0051	U	0.0051	0.0048	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Benzene	0.00085	U	0.00085	0.00048	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Bromoform	0.00085	U	0.00085	0.00036	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Bromomethane	0.0017	U	0.0017	0.00085	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Carbon disulfide	0.00085	U	0.00085	0.00023	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1
Carbon tetrachloride	0.00085	U	0.00085	0.00033	mg/Kg	☆	06/17/25 15:16	06/21/25 00:53	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Date Collected: 06/13/25 09:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00085	U	0.00085	0.00043	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Chlorobromomethane	0.00085	U	0.00085	0.00051	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Chlorodibromomethane	0.00085	U	0.00085	0.00046	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Chloroethane	0.00085	U	0.00085	0.00044	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Chloroform	0.00085	U	0.00085	0.00082	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Chloromethane	0.00085	U	0.00085	0.00037	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
cis-1,2-Dichloroethene	0.00085	U	0.00085	0.00030	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
cis-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Cyclohexane	0.00085	U	0.00085	0.00019	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Dichlorobromomethane	0.00085	U	0.00085	0.00022	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Dichlorodifluoromethane	0.00085	U	0.00085	0.00029	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Ethylbenzene	0.00085	U	0.00085	0.00040	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Ethylene Dibromide	0.00085	U	0.00085	0.00043	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Isopropylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Methyl tert-butyl ether	0.00085	U	0.00085	0.00043	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Methylcyclohexane	0.00085	U	0.00085	0.00042	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Methylene Chloride	0.0017	U	0.0017	0.00097	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
m-Xylene & p-Xylene	0.00085	U	0.00085	0.00036	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
n-Butylbenzene	0.00085	U	0.00085	0.00025	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
N-Propylbenzene	0.00085	U	0.00085	0.00038	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
o-Xylene	0.00085	U	0.00085	0.00039	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
sec-Butylbenzene	0.00085	U	0.00085	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Styrene	0.00085	U	0.00085	0.00024	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
tert-Butylbenzene	0.00085	U	0.00085	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Tetrachloroethene	0.0060		0.00085	0.00026	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Toluene	0.00085	U	0.00085	0.00020	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
trans-1,2-Dichloroethene	0.00085	U	0.00085	0.00021	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
trans-1,3-Dichloropropene	0.00085	U	0.00085	0.00023	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Trichloroethene	0.00085	U	0.00085	0.00027	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Trichlorofluoromethane	0.00085	U	0.00085	0.00034	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Vinyl chloride	0.00085	U *	0.00085	0.00046	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	06/17/25 15:16	06/21/25 00:53	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/17/25 15:16	06/21/25 00:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		65 - 138	06/17/25 15:16	06/21/25 00:53	1
4-Bromofluorobenzene	79		71 - 128	06/17/25 15:16	06/21/25 00:53	1
Dibromofluoromethane (Surr)	116		50 - 150	06/17/25 15:16	06/21/25 00:53	1
Toluene-d8 (Surr)	96		71 - 126	06/17/25 15:16	06/21/25 00:53	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/18/25 06:27	06/18/25 12:31	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	06/18/25 06:27	06/18/25 12:31	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	06/18/25 06:27	06/18/25 12:31	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	06/18/25 06:27	06/18/25 12:31	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/18/25 06:27	06/18/25 12:31	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Date Collected: 06/13/25 09:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,4-Dinitrotoluene	0.069	U	0.069	0.036	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2,6-Dinitrotoluene	0.069	U	0.069	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Methylnaphthalene	0.34	U	0.34	0.0095	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
4-Nitrophenol	0.69	U	0.69	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Acenaphthylene	0.34	U	0.34	0.0097	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0088	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Date Collected: 06/13/25 09:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.34	U	0.34	0.0099	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Hexachlorobutadiene	0.069	U	0.069	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Naphthalene	0.34	U	0.34	0.0059	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☆	06/18/25 06:27	06/18/25 12:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	77		18 - 137	06/18/25 06:27	06/18/25 12:31	1
2-Fluorobiphenyl	66		33 - 117	06/18/25 06:27	06/18/25 12:31	1
2-Fluorophenol (Surr)	66		24 - 120	06/18/25 06:27	06/18/25 12:31	1
Nitrobenzene-d5 (Surr)	56		27 - 120	06/18/25 06:27	06/18/25 12:31	1
Phenol-d5 (Surr)	60		28 - 118	06/18/25 06:27	06/18/25 12:31	1
Terphenyl-d14 (Surr)	68		33 - 124	06/18/25 06:27	06/18/25 12:31	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	945		15.3	4.2	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Antimony	0.77	U	0.77	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Arsenic	2.4		0.77	0.079	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Barium	4.6		1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Beryllium	0.14	J	0.31	0.017	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Cadmium	0.77	U	0.77	0.087	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Calcium	80.7		76.6	7.5	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Chromium	10.3		1.5	0.23	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Cobalt	0.73	J	1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Copper	3.1		1.5	0.28	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Iron	10700		45.9	5.9	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Lead	1.0		0.46	0.15	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Magnesium	132		76.6	7.8	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Manganese	60.1		3.1	0.31	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Nickel	1.6		1.5	0.14	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Potassium	96.4		76.6	12.4	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Selenium	0.17	J	0.96	0.098	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Silver	0.31	U	0.31	0.068	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Sodium	76.6	U	76.6	35.0	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Thallium	0.31	U	0.31	0.031	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Vanadium	2.9		1.5	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1
Zinc	6.2		6.1	0.83	mg/Kg	☆	06/21/25 18:10	06/22/25 16:55	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10)

Date Collected: 06/13/25 09:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-3

Matrix: Solid

Percent Solids: 97.5

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0082	mg/Kg	☆	06/23/25 02:25	06/23/25 14:51	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.5		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	97.5		1.0	1.0	%			06/17/25 17:40	1

Client Sample ID: DW-1 (10-11)

Date Collected: 06/13/25 09:47

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-4

Matrix: Solid

Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00084	U	0.00084	0.00020	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,1,2,2-Tetrachloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00084	U	0.00084	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,1,2-Trichloroethane	0.00084	U	0.00084	0.00051	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,1-Dichloroethane	0.00084	U	0.00084	0.00050	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,1-Dichloroethene	0.00084	U	0.00084	0.00019	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2,3-Trichlorobenzene	0.00084	U	0.00084	0.00062	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2,4-Trichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2,4-Trimethylbenzene	0.00084	U	0.00084	0.00021	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2-Dibromo-3-Chloropropane	0.00084	U	0.00084	0.00039	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2-Dichlorobenzene	0.00084	U	0.00084	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2-Dichloroethane	0.00084	U	0.00084	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,2-Dichloropropane	0.00084	U	0.00084	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,3,5-Trimethylbenzene	0.00084	U	0.00084	0.00026	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,3-Dichlorobenzene	0.00084	U	0.00084	0.00031	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
1,4-Dichlorobenzene	0.00084	U	0.00084	0.00044	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
2-Butanone (MEK)	0.0042	U	0.0042	0.00031	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
2-Hexanone	0.0042	U	0.0042	0.0014	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
4-Methyl-2-pentanone (MIBK)	0.0042	U	0.0042	0.0013	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Acetone	0.0050	U	0.0050	0.0048	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Benzene	0.00084	U	0.00084	0.00048	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Bromoform	0.00084	U	0.00084	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Bromomethane	0.0017	U	0.0017	0.00084	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Carbon disulfide	0.00084	U	0.00084	0.00022	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Carbon tetrachloride	0.00084	U	0.00084	0.00033	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chlorobenzene	0.00084	U	0.00084	0.00043	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chlorobromomethane	0.00084	U	0.00084	0.00050	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chlorodibromomethane	0.00084	U	0.00084	0.00045	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chloroethane	0.00084	U	0.00084	0.00044	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chloroform	0.0040		0.00084	0.00082	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Chloromethane	0.00084	U	0.00084	0.00037	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
cis-1,2-Dichloroethene	0.00052	J	0.00084	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
cis-1,3-Dichloropropene	0.00084	U	0.00084	0.00023	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Cyclohexane	0.00084	U	0.00084	0.00019	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Dichlorobromomethane	0.00084	U	0.00084	0.00022	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Dichlorodifluoromethane	0.00084	U	0.00084	0.00028	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Ethylbenzene	0.00084	U	0.00084	0.00039	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Date Collected: 06/13/25 09:47

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylene Dibromide	0.00084	U	0.00084	0.00042	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Isopropylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Methyl acetate	0.0042	U	0.0042	0.0036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Methyl tert-butyl ether	0.00084	U	0.00084	0.00043	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Methylcyclohexane	0.00084	U	0.00084	0.00042	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Methylene Chloride	0.0017	U	0.0017	0.00096	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
m-Xylene & p-Xylene	0.00084	U	0.00084	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
n-Butylbenzene	0.00084	U	0.00084	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
N-Propylbenzene	0.00084	U	0.00084	0.00038	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
o-Xylene	0.00084	U	0.00084	0.00039	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
sec-Butylbenzene	0.00084	U	0.00084	0.00024	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Styrene	0.00084	U	0.00084	0.00023	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
tert-Butylbenzene	0.00084	U	0.00084	0.00023	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Tetrachloroethene	0.035		0.00084	0.00026	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Toluene	0.00084	U	0.00084	0.00020	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
trans-1,2-Dichloroethene	0.00084	U	0.00084	0.00021	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
trans-1,3-Dichloropropene	0.00084	U	0.00084	0.00022	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Trichloroethene	0.0011		0.00084	0.00027	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Trichlorofluoromethane	0.00084	U	0.00084	0.00034	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Vinyl chloride	0.00084	U *	0.00084	0.00046	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☆	06/17/25 15:17	06/21/25 01:17	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☆		N/A	06/17/25 15:17	06/21/25 01:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		65 - 138	06/17/25 15:17	06/21/25 01:17	1
4-Bromofluorobenzene	80		71 - 128	06/17/25 15:17	06/21/25 01:17	1
Dibromofluoromethane (Surr)	116		50 - 150	06/17/25 15:17	06/21/25 01:17	1
Toluene-d8 (Surr)	94		71 - 126	06/17/25 15:17	06/21/25 01:17	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Date Collected: 06/13/25 09:47

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Nitroaniline	0.34	U	0.34	0.086	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Acenaphthene	0.017	J	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Acenaphthylene	0.011	J	0.34	0.0097	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Anthracene	0.050	J	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzo[a]anthracene	0.20		0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzo[a]pyrene	0.21		0.034	0.0090	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzo[b]fluoranthene	0.30		0.034	0.0087	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzo[g,h,i]perylene	0.11	J	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Benzo[k]fluoranthene	0.11		0.034	0.0066	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Bis(2-ethylhexyl) phthalate	0.023	J	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Carbazole	0.015	J	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Chrysene	0.21	J	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Dibenz(a,h)anthracene	0.043		0.034	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Dimethyl phthalate	0.34	U	0.34	0.077	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Fluoranthene	0.45		0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Fluorene	0.012	J	0.34	0.0099	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Indeno[1,2,3-cd]pyrene	0.14		0.034	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Isophorone	0.14	U	0.14	0.098	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Date Collected: 06/13/25 09:47

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenanthrene	0.19	J	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Pyrene	0.32	J	0.34	0.0084	mg/Kg	☆	06/18/25 06:27	06/18/25 18:58	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	75		18 - 137				06/18/25 06:27	06/18/25 18:58	1
2-Fluorobiphenyl	56		33 - 117				06/18/25 06:27	06/18/25 18:58	1
2-Fluorophenol (Surr)	50		24 - 120				06/18/25 06:27	06/18/25 18:58	1
Nitrobenzene-d5 (Surr)	42		27 - 120				06/18/25 06:27	06/18/25 18:58	1
Phenol-d5 (Surr)	50		28 - 118				06/18/25 06:27	06/18/25 18:58	1
Terphenyl-d14 (Surr)	59		33 - 124				06/18/25 06:27	06/18/25 18:58	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5640		15.4	4.2	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Antimony	0.29	J	0.77	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Arsenic	4.9		0.77	0.079	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Barium	24.3		1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Beryllium	0.21	J	0.31	0.017	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Cadmium	0.19	J	0.77	0.087	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Calcium	5830		76.9	7.5	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Chromium	9.3		1.5	0.23	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Cobalt	2.5		1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Copper	11.8		1.5	0.28	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Iron	8060		46.2	5.9	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Lead	41.4		0.46	0.15	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Magnesium	2520		76.9	7.8	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Manganese	104		3.1	0.31	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Nickel	5.9		1.5	0.14	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Potassium	361		76.9	12.5	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Selenium	0.24	J	0.96	0.098	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Silver	0.31	U	0.31	0.068	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Sodium	152		76.9	35.2	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Thallium	0.063	J	0.31	0.032	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Vanadium	11.8		1.5	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1
Zinc	44.8		6.2	0.84	mg/Kg	☆	06/21/25 18:10	06/22/25 16:58	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.15		0.016	0.0073	mg/Kg	☆	06/23/25 02:25	06/23/25 14:54	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	2.3		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	97.7		1.0	1.0	%			06/17/25 17:40	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00037	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Acetone	0.0061	U	0.0061	0.0058	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chloroform	0.0032		0.0010	0.00098	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
cis-1,2-Dichloroethene	0.00057	J	0.0010	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Ethylene Dibromide	0.0010	U	0.0010	0.00051	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Methyl acetate	0.011		0.0051	0.0044	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Tetrachloroethene	0.024		0.0010	0.00031	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Toluene	0.0010	U	0.0010	0.00024	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Trichloroethene	0.00095	J	0.0010	0.00033	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Vinyl chloride	0.0010	U *	0.0010	0.00055	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☆	06/17/25 15:17	06/21/25 01:43	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☆		N/A	06/17/25 15:17	06/21/25 01:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	90		65 - 138	06/17/25 15:17	06/21/25 01:43	1
4-Bromofluorobenzene	70	*	71 - 128	06/17/25 15:17	06/21/25 01:43	1
Dibromofluoromethane (Surr)	104		50 - 150	06/17/25 15:17	06/21/25 01:43	1
Toluene-d8 (Surr)	85		71 - 126	06/17/25 15:17	06/21/25 01:43	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Nitroaniline	0.34	U	0.34	0.085	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Acenaphthylene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Acetophenone	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzo[a]anthracene	0.036		0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzo[a]pyrene	0.042		0.034	0.0090	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzo[b]fluoranthene	0.060		0.034	0.0087	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzo[g,h,i]perylene	0.030	J	0.34	0.0099	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Benzo[k]fluoranthene	0.021	J	0.034	0.0066	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Bis(2-ethylhexyl) phthalate	0.019	J	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Caprolactam	0.34	U *	0.34	0.052	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Chrysene	0.042	J	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Dibenz(a,h)anthracene	0.027	J	0.034	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Fluoranthene	0.062	J	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Fluorene	0.34	U	0.34	0.0098	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Indeno[1,2,3-cd]pyrene	0.045		0.034	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Phenanthrene	0.020	J	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Pyrene	0.050	J	0.34	0.0084	mg/Kg	☆	06/18/25 06:27	06/18/25 19:15	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	74		18 - 137				06/18/25 06:27	06/18/25 19:15	1
2-Fluorobiphenyl	56		33 - 117				06/18/25 06:27	06/18/25 19:15	1
2-Fluorophenol (Surr)	54		24 - 120				06/18/25 06:27	06/18/25 19:15	1
Nitrobenzene-d5 (Surr)	45		27 - 120				06/18/25 06:27	06/18/25 19:15	1
Phenol-d5 (Surr)	52		28 - 118				06/18/25 06:27	06/18/25 19:15	1
Terphenyl-d14 (Surr)	59		33 - 124				06/18/25 06:27	06/18/25 19:15	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4820		15.9	4.4	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Antimony	0.87		0.79	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Arsenic	4.8		0.79	0.082	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Barium	18.6		1.6	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Beryllium	0.20 J		0.32	0.017	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Cadmium	0.27 J		0.79	0.090	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Calcium	3630		79.5	7.7	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Chromium	11.7		1.6	0.24	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Cobalt	2.1		1.6	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Copper	52.2		1.6	0.29	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Iron	7540		47.7	6.1	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Lead	78.6		0.48	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Magnesium	1810		79.5	8.1	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Manganese	99.2		3.2	0.32	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Nickel	4.9		1.6	0.14	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Potassium	307		79.5	12.9	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Selenium	0.22 J		0.99	0.10	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Silver	0.32 U		0.32	0.071	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Sodium	159		79.5	36.3	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Thallium	0.048 J		0.32	0.033	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Vanadium	11.5		1.6	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1
Zinc	38.1		6.4	0.87	mg/Kg	☆	06/21/25 18:10	06/22/25 17:01	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.088		0.017	0.0081	mg/Kg	☆	06/23/25 02:25	06/23/25 14:57	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.7		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	98.3		1.0	1.0	%			06/17/25 17:40	1

Client Sample ID: DW-2 (3-4)

Lab Sample ID: 460-328592-6

Date Collected: 06/13/25 09:59

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00022	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/17/25 15:17	06/21/25 02:08	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (3-4)

Lab Sample ID: 460-328592-6

Date Collected: 06/13/25 09:59

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 99.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Acetone	0.0078		0.0060	0.0057	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Bromoform	0.0010	U	0.0010	0.00042	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Chloromethane	0.0010	U	0.0010	0.00043	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Isopropylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Tetrachloroethene	0.012		0.0010	0.00030	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Toluene	0.00082	J	0.0010	0.00023	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Vinyl chloride	0.0010	U *	0.0010	0.00055	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	✧	06/17/25 15:17	06/21/25 02:08	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	✧		N/A	06/17/25 15:17	06/21/25 02:08	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (3-4)

Lab Sample ID: 460-328592-6

Date Collected: 06/13/25 09:59

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 99.0

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		65 - 138	06/17/25 15:17	06/21/25 02:08	1
4-Bromofluorobenzene	78		71 - 128	06/17/25 15:17	06/21/25 02:08	1
Dibromofluoromethane (Surr)	112		50 - 150	06/17/25 15:17	06/21/25 02:08	1
Toluene-d8 (Surr)	93		71 - 126	06/17/25 15:17	06/21/25 02:08	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Methylnaphthalene	0.0096	J	0.33	0.0093	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Acenaphthene	0.14	J	0.33	0.0095	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Anthracene	0.31	J	0.33	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Atrazine	0.13	U *	0.13	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzaldehyde	0.33	U *	0.33	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzo[a]anthracene	0.62		0.033	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzo[a]pyrene	0.68		0.033	0.0089	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzo[b]fluoranthene	0.87		0.033	0.0086	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzo[g,h,i]perylene	0.33		0.33	0.0098	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Benzo[k]fluoranthene	0.36		0.033	0.0065	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (3-4)

Lab Sample ID: 460-328592-6

Date Collected: 06/13/25 09:59

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 99.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Caprolactam	0.33	U *	0.33	0.052	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Carbazole	0.044	J	0.33	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Chrysene	0.72		0.33	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Dibenz(a,h)anthracene	0.10		0.033	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Dibenzofuran	0.068	J	0.33	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Fluoranthene	1.5		0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Fluorene	0.15	J	0.33	0.0097	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Indeno[1,2,3-cd]pyrene	0.37		0.033	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Naphthalene	0.33	U	0.33	0.0058	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Phenanthrene	1.0		0.33	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1
Pyrene	1.0		0.33	0.0083	mg/Kg	☆	06/18/25 06:27	06/18/25 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		18 - 137	06/18/25 06:27	06/18/25 19:33	1
2-Fluorobiphenyl	70		33 - 117	06/18/25 06:27	06/18/25 19:33	1
2-Fluorophenol (Surr)	68		24 - 120	06/18/25 06:27	06/18/25 19:33	1
Nitrobenzene-d5 (Surr)	56		27 - 120	06/18/25 06:27	06/18/25 19:33	1
Phenol-d5 (Surr)	65		28 - 118	06/18/25 06:27	06/18/25 19:33	1
Terphenyl-d14 (Surr)	67		33 - 124	06/18/25 06:27	06/18/25 19:33	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1980		14.9	4.1	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Antimony	0.29	J	0.74	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Arsenic	2.7		0.74	0.077	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Barium	8.5		1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Beryllium	0.084	J	0.30	0.016	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Cadmium	0.74	U	0.74	0.084	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Calcium	10300		74.3	7.2	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Chromium	4.4		1.5	0.22	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Cobalt	1.9		1.5	0.11	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Copper	14.4		1.5	0.27	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Iron	8440		44.6	5.7	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Lead	20.9		0.45	0.15	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Magnesium	4600		74.3	7.6	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (3-4)

Date Collected: 06/13/25 09:59

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-6

Matrix: Solid

Percent Solids: 99.0

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Manganese	69.7		3.0	0.30	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Nickel	4.4		1.5	0.13	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Potassium	165		74.3	12.0	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Selenium	0.93	U	0.93	0.095	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Silver	0.35		0.30	0.066	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Sodium	98.1		74.3	33.9	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Thallium	0.30	U	0.30	0.030	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Vanadium	7.7		1.5	0.15	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1
Zinc	16.5		5.9	0.81	mg/Kg	☆	06/21/25 18:10	06/22/25 17:03	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.016		0.016	0.0077	mg/Kg	☆	06/23/25 02:25	06/23/25 15:00	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.0		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	99.0		1.0	1.0	%			06/17/25 17:40	1

Client Sample ID: DW-2 (7-8)

Date Collected: 06/13/25 10:03

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-7

Matrix: Solid

Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00087	U	0.00087	0.00020	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,1,2,2-Tetrachloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00087	U	0.00087	0.00026	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,1,2-Trichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,1-Dichloroethane	0.00087	U	0.00087	0.00052	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,1-Dichloroethene	0.00087	U	0.00087	0.00020	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2,3-Trichlorobenzene	0.00087	U	0.00087	0.00064	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2,4-Trichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2,4-Trimethylbenzene	0.00087	U	0.00087	0.00021	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2-Dibromo-3-Chloropropane	0.00087	U	0.00087	0.00040	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2-Dichlorobenzene	0.00087	U	0.00087	0.00031	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2-Dichloroethane	0.00087	U	0.00087	0.00026	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,2-Dichloropropane	0.00087	U	0.00087	0.00037	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,3,5-Trimethylbenzene	0.00087	U	0.00087	0.00027	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,3-Dichlorobenzene	0.00087	U	0.00087	0.00032	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
1,4-Dichlorobenzene	0.00087	U	0.00087	0.00045	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
2-Butanone (MEK)	0.0044	U	0.0044	0.00032	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
2-Hexanone	0.0044	U	0.0044	0.0015	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
4-Methyl-2-pentanone (MIBK)	0.0044	U	0.0044	0.0014	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Acetone	0.0093		0.0052	0.0050	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Benzene	0.00087	U	0.00087	0.00049	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Bromoform	0.00087	U	0.00087	0.00037	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Bromomethane	0.0017	U	0.0017	0.00087	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Carbon disulfide	0.00087	U	0.00087	0.00023	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1
Carbon tetrachloride	0.00087	U	0.00087	0.00034	mg/Kg	☆	06/17/25 15:18	06/21/25 02:33	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (7-8)

Lab Sample ID: 460-328592-7

Date Collected: 06/13/25 10:03

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.00087	U	0.00087	0.00044	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Chlorobromomethane	0.00087	U	0.00087	0.00052	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Chlorodibromomethane	0.00087	U	0.00087	0.00047	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Chloroethane	0.00087	U	0.00087	0.00046	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Chloroform	0.00087	U	0.00087	0.00085	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Chloromethane	0.00087	U	0.00087	0.00038	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
cis-1,2-Dichloroethene	0.00087	U	0.00087	0.00031	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
cis-1,3-Dichloropropene	0.00087	U	0.00087	0.00024	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Cyclohexane	0.00087	U	0.00087	0.00019	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Dichlorobromomethane	0.00087	U	0.00087	0.00022	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Dichlorodifluoromethane	0.00087	U	0.00087	0.00029	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Ethylbenzene	0.00087	U	0.00087	0.00041	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Ethylene Dibromide	0.00087	U	0.00087	0.00044	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Isopropylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Methyl acetate	0.0044	U	0.0044	0.0038	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Methyl tert-butyl ether	0.00087	U	0.00087	0.00045	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Methylcyclohexane	0.00087	U	0.00087	0.00044	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Methylene Chloride	0.0017	U	0.0017	0.0010	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
m-Xylene & p-Xylene	0.00087	U	0.00087	0.00037	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
n-Butylbenzene	0.00087	U	0.00087	0.00026	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
N-Propylbenzene	0.00087	U	0.00087	0.00039	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
o-Xylene	0.00087	U	0.00087	0.00040	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
sec-Butylbenzene	0.00087	U	0.00087	0.00025	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Styrene	0.00087	U	0.00087	0.00024	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
tert-Butylbenzene	0.00087	U	0.00087	0.00024	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Tetrachloroethene	0.00087	U	0.00087	0.00027	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Toluene	0.00087	U	0.00087	0.00020	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
trans-1,2-Dichloroethene	0.00087	U	0.00087	0.00021	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
trans-1,3-Dichloropropene	0.00087	U	0.00087	0.00023	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Trichloroethene	0.00087	U	0.00087	0.00028	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Trichlorofluoromethane	0.00087	U	0.00087	0.00035	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Vinyl chloride	0.00087	U *	0.00087	0.00048	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1
Xylenes, Total	0.0017	U	0.0017	0.00015	mg/Kg	☼	06/17/25 15:18	06/21/25 02:33	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/17/25 15:18	06/21/25 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		65 - 138	06/17/25 15:18	06/21/25 02:33	1
4-Bromofluorobenzene	84		71 - 128	06/17/25 15:18	06/21/25 02:33	1
Dibromofluoromethane (Surr)	126		50 - 150	06/17/25 15:18	06/21/25 02:33	1
Toluene-d8 (Surr)	104		71 - 126	06/17/25 15:18	06/21/25 02:33	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/18/25 06:27	06/18/25 12:49	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.010	mg/Kg	☼	06/18/25 06:27	06/18/25 12:49	1
1,4-Dioxane	0.034	U	0.034	0.029	mg/Kg	☼	06/18/25 06:27	06/18/25 12:49	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.020	mg/Kg	☼	06/18/25 06:27	06/18/25 12:49	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/18/25 06:27	06/18/25 12:49	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (7-8)

Lab Sample ID: 460-328592-7

Date Collected: 06/13/25 10:03

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4,5-Trichlorophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,4-Dimethylphenol	0.34	U	0.34	0.040	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,4-Dinitrophenol	0.27	U	0.27	0.17	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,4-Dinitrotoluene	0.068	U	0.068	0.036	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2,6-Dinitrotoluene	0.068	U	0.068	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Chloronaphthalene	0.34	U	0.34	0.043	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Methylnaphthalene	0.34	U	0.34	0.0094	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.051	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
3-Nitroaniline	0.34	U	0.34	0.080	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Chloroaniline	0.34	U	0.34	0.060	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Nitroaniline	0.34	U	0.34	0.085	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
4-Nitrophenol	0.68	U	0.68	0.055	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Acenaphthene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Acenaphthylene	0.34	U	0.34	0.0096	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Acetophenone	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Anthracene	0.34	U	0.34	0.010	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzaldehyde	0.34	U *	0.34	0.056	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzo[a]anthracene	0.034	U	0.034	0.025	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzo[a]pyrene	0.034	U	0.034	0.0090	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzo[b]fluoranthene	0.034	U	0.034	0.0087	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzo[g,h,i]perylene	0.34	U	0.34	0.0099	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Benzo[k]fluoranthene	0.034	U	0.034	0.0066	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.062	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Caprolactam	0.34	U *	0.34	0.052	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Carbazole	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Chrysene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Dibenz(a,h)anthracene	0.034	U	0.034	0.015	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Dibenzofuran	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Dimethyl phthalate	0.34	U	0.34	0.076	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Fluoranthene	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (7-8)

Lab Sample ID: 460-328592-7

Date Collected: 06/13/25 10:03

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluorene	0.34	U	0.34	0.0098	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Hexachlorobutadiene	0.068	U	0.068	0.0072	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.029	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Indeno[1,2,3-cd]pyrene	0.034	U	0.034	0.013	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Isophorone	0.14	U	0.14	0.097	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Naphthalene	0.34	U	0.34	0.0058	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.024	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Pentachlorophenol	0.27	U	0.27	0.069	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Phenanthrene	0.34	U	0.34	0.014	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Phenol	0.34	U	0.34	0.012	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1
Pyrene	0.34	U	0.34	0.0084	mg/Kg	☆	06/18/25 06:27	06/18/25 12:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	85		18 - 137	06/18/25 06:27	06/18/25 12:49	1
2-Fluorobiphenyl	69		33 - 117	06/18/25 06:27	06/18/25 12:49	1
2-Fluorophenol (Surr)	66		24 - 120	06/18/25 06:27	06/18/25 12:49	1
Nitrobenzene-d5 (Surr)	58		27 - 120	06/18/25 06:27	06/18/25 12:49	1
Phenol-d5 (Surr)	63		28 - 118	06/18/25 06:27	06/18/25 12:49	1
Terphenyl-d14 (Surr)	71		33 - 124	06/18/25 06:27	06/18/25 12:49	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5350		16.0	4.4	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Antimony	0.80	U	0.80	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Arsenic	0.76	J	0.80	0.083	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Barium	20.3		1.6	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Beryllium	0.19	J	0.32	0.018	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Cadmium	0.80	U	0.80	0.091	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Calcium	93.4		80.1	7.8	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Chromium	6.3		1.6	0.24	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Cobalt	2.7		1.6	0.12	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Copper	6.0		1.6	0.29	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Iron	7550		48.1	6.1	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Lead	2.6		0.48	0.16	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Magnesium	1660		80.1	8.2	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Manganese	83.4		3.2	0.32	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Nickel	3.4		1.6	0.14	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Potassium	2000		80.1	13.0	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Selenium	1.0	U	1.0	0.10	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Silver	0.32	U	0.32	0.071	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Sodium	50.9	J	80.1	36.6	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Thallium	0.14	J	0.32	0.033	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Vanadium	8.1		1.6	0.17	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1
Zinc	19.1		6.4	0.87	mg/Kg	☆	06/21/25 18:10	06/22/25 17:06	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-2 (7-8)

Date Collected: 06/13/25 10:03

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-7

Matrix: Solid

Percent Solids: 98.3

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg	☼	06/23/25 02:25	06/23/25 15:03	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.7		1.0	1.0	%			06/17/25 17:40	1
Percent Solids (EPA Moisture)	98.3		1.0	1.0	%			06/17/25 17:40	1

Surrogate Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-328592-1	SI-SB-1 (14-15)	100	77	115	96
460-328592-2	SI-SB-2 (9-10)	99	78	113	96
460-328592-3	SI-SB-3 (9-10)	99	79	116	96
460-328592-4	DW-1 (10-11)	101	80	116	94
460-328592-5	DW-1 (14-15)	90	70 *	104	85
460-328592-6	DW-2 (3-4)	99	78	112	93
460-328592-7	DW-2 (7-8)	109	84	126	104
LCS 460-1045112/3	Lab Control Sample	92	80	109	101
LCSD 460-1045112/4	Lab Control Sample Dup	94	83	110	102
MB 460-1045112/7	Method Blank	94	81	113	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-328592-1	SI-SB-1 (14-15)	84	72	72	62	68	68
460-328592-1 MS	SI-SB-1 (14-15)	87	69	66	58	64	66
460-328592-1 MSD	SI-SB-1 (14-15)	91	72	69	60	67	69
460-328592-2	SI-SB-2 (9-10)	76	64	64	54	60	62
460-328592-3	SI-SB-3 (9-10)	77	66	66	56	60	68
460-328592-4	DW-1 (10-11)	75	56	50	42	50	59
460-328592-5	DW-1 (14-15)	74	56	54	45	52	59
460-328592-6	DW-2 (3-4)	85	70	68	56	65	67
460-328592-7	DW-2 (7-8)	85	69	66	58	63	71
LCS 460-1044357/2-A	Lab Control Sample	92	71	69	61	68	71
LCSD 460-1044357/3-A	Lab Control Sample Dup	89	72	68	60	68	71
MB 460-1044357/1-A	Method Blank	97	78	76	67	71	81

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1045112/7

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 18:40	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 18:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/20/25 18:40	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 18:40	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 18:40	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 18:40	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/20/25 18:40	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 18:40	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/20/25 18:40	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/20/25 18:40	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 18:40	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/20/25 18:40	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/20/25 18:40	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/20/25 18:40	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/20/25 18:40	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 18:40	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/20/25 18:40	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/20/25 18:40	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/20/25 18:40	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/20/25 18:40	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/20/25 18:40	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/20/25 18:40	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/20/25 18:40	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 18:40	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/20/25 18:40	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/20/25 18:40	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/20/25 18:40	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/20/25 18:40	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/20/25 18:40	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/20/25 18:40	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/20/25 18:40	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/20/25 18:40	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 18:40	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/20/25 18:40	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/20/25 18:40	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/20/25 18:40	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/20/25 18:40	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/20/25 18:40	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 18:40	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/20/25 18:40	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/20/25 18:40	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/20/25 18:40	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/20/25 18:40	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/20/25 18:40	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 18:40	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/20/25 18:40	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/20/25 18:40	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/20/25 18:40	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045112/7

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/20/25 18:40	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/20/25 18:40	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/20/25 18:40	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/20/25 18:40	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/20/25 18:40	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/20/25 18:40	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/20/25 18:40	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/20/25 18:40	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/20/25 18:40	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/20/25 18:40	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A		06/20/25 18:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		65 - 138		06/20/25 18:40	1
4-Bromofluorobenzene	81		71 - 128		06/20/25 18:40	1
Dibromofluoromethane (Surr)	113		50 - 150		06/20/25 18:40	1
Toluene-d8 (Surr)	99		71 - 126		06/20/25 18:40	1

Lab Sample ID: LCS 460-1045112/3

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0174		mg/Kg		87	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0187		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0216		mg/Kg		108	75 - 121
1,1,2-Trichloroethane	0.0200	0.0197		mg/Kg		98	80 - 120
1,1-Dichloroethane	0.0200	0.0204		mg/Kg		102	72 - 120
1,1-Dichloroethene	0.0200	0.0220		mg/Kg		110	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0183		mg/Kg		91	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0184		mg/Kg		92	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0171		mg/Kg		85	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0189		mg/Kg		94	80 - 124
1,2-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
1,2-Dichloroethane	0.0200	0.0177		mg/Kg		88	70 - 123
1,2-Dichloropropane	0.0200	0.0207		mg/Kg		103	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0174		mg/Kg		87	70 - 120
1,3-Dichlorobenzene	0.0200	0.0195		mg/Kg		98	80 - 120
1,4-Dichlorobenzene	0.0200	0.0199		mg/Kg		99	80 - 120
2-Butanone (MEK)	0.100	0.103		mg/Kg		103	64 - 128
2-Hexanone	0.100	0.0964		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.100		mg/Kg		100	80 - 120
Acetone	0.100	0.113		mg/Kg		113	58 - 122
Benzene	0.0200	0.0205		mg/Kg		103	75 - 120
Bromoform	0.0200	0.0229		mg/Kg		114	61 - 125

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045112/3

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	0.0200	0.0295		mg/Kg		147	37 - 150
Carbon disulfide	0.0200	0.0216		mg/Kg		108	57 - 133
Carbon tetrachloride	0.0200	0.0185		mg/Kg		92	66 - 127
Chlorobenzene	0.0200	0.0210		mg/Kg		105	80 - 120
Chlorobromomethane	0.0200	0.0220		mg/Kg		110	76 - 127
Chlorodibromomethane	0.0200	0.0216		mg/Kg		108	72 - 120
Chloroethane	0.0200	0.0227		mg/Kg		113	60 - 123
Chloroform	0.0200	0.0201		mg/Kg		100	79 - 126
Chloromethane	0.0200	0.0227		mg/Kg		114	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0212		mg/Kg		106	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0198		mg/Kg		99	77 - 124
Dichlorodifluoromethane	0.0200	0.0246		mg/Kg		123	45 - 129
Ethylbenzene	0.0200	0.0197		mg/Kg		99	80 - 120
Ethylene Dibromide	0.0200	0.0196		mg/Kg		98	79 - 120
Isopropylbenzene	0.0200	0.0188		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0420		mg/Kg		105	57 - 120
Methyl tert-butyl ether	0.0200	0.0179		mg/Kg		90	74 - 125
Methylcyclohexane	0.0200	0.0195		mg/Kg		98	66 - 125
Methylene Chloride	0.0200	0.0219		mg/Kg		109	78 - 120
m-Xylene & p-Xylene	0.0200	0.0195		mg/Kg		98	80 - 120
n-Butylbenzene	0.0200	0.0182		mg/Kg		91	72 - 120
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0193		mg/Kg		97	80 - 120
sec-Butylbenzene	0.0200	0.0172		mg/Kg		86	78 - 120
Styrene	0.0200	0.0191		mg/Kg		95	80 - 120
tert-Butylbenzene	0.0200	0.0169		mg/Kg		84	80 - 120
Tetrachloroethene	0.0200	0.0207		mg/Kg		104	73 - 120
Toluene	0.0200	0.0194		mg/Kg		97	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0223		mg/Kg		111	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0185		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0230		mg/Kg		115	61 - 130
Vinyl chloride	0.0200	0.0246	*	mg/Kg		123	54 - 122
Xylenes, Total	0.0400	0.0389		mg/Kg		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 138
4-Bromofluorobenzene	80		71 - 128
Dibromofluoromethane (Surr)	109		50 - 150
Toluene-d8 (Surr)	101		71 - 126

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045112/4

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0188		mg/Kg		94	78 - 120	7	30
1,1,2,2-Tetrachloroethane	0.0200	0.0203		mg/Kg		101	70 - 133	8	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0234		mg/Kg		117	75 - 121	8	30
1,1,2-Trichloroethane	0.0200	0.0210		mg/Kg		105	80 - 120	6	30
1,1-Dichloroethane	0.0200	0.0213		mg/Kg		106	72 - 120	4	30
1,1-Dichloroethene	0.0200	0.0237		mg/Kg		118	76 - 120	7	30
1,2,3-Trichlorobenzene	0.0200	0.0192		mg/Kg		96	77 - 137	5	30
1,2,4-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	77 - 136	3	30
1,2,4-Trimethylbenzene	0.0200	0.0180		mg/Kg		90	75 - 120	5	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0208		mg/Kg		104	80 - 124	9	30
1,2-Dichlorobenzene	0.0200	0.0205		mg/Kg		102	80 - 120	5	30
1,2-Dichloroethane	0.0200	0.0185		mg/Kg		92	70 - 123	4	30
1,2-Dichloropropane	0.0200	0.0219		mg/Kg		110	73 - 124	6	30
1,3,5-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	70 - 120	5	30
1,3-Dichlorobenzene	0.0200	0.0201		mg/Kg		101	80 - 120	3	30
1,4-Dichlorobenzene	0.0200	0.0208		mg/Kg		104	80 - 120	4	30
2-Butanone (MEK)	0.100	0.104		mg/Kg		104	64 - 128	1	30
2-Hexanone	0.100	0.0999		mg/Kg		100	75 - 120	4	30
4-Methyl-2-pentanone (MIBK)	0.100	0.103		mg/Kg		103	80 - 120	3	30
Acetone	0.100	0.117		mg/Kg		117	58 - 122	4	30
Benzene	0.0200	0.0213		mg/Kg		106	75 - 120	4	30
Bromoform	0.0200	0.0239		mg/Kg		120	61 - 125	5	30
Bromomethane	0.0200	0.0288		mg/Kg		144	37 - 150	2	30
Carbon disulfide	0.0200	0.0230		mg/Kg		115	57 - 133	6	30
Carbon tetrachloride	0.0200	0.0201		mg/Kg		100	66 - 127	8	30
Chlorobenzene	0.0200	0.0219		mg/Kg		109	80 - 120	4	30
Chlorobromomethane	0.0200	0.0227		mg/Kg		114	76 - 127	3	30
Chlorodibromomethane	0.0200	0.0233		mg/Kg		116	72 - 120	7	30
Chloroethane	0.0200	0.0217		mg/Kg		108	60 - 123	4	30
Chloroform	0.0200	0.0208		mg/Kg		104	79 - 126	4	30
Chloromethane	0.0200	0.0231		mg/Kg		116	46 - 122	2	30
cis-1,2-Dichloroethene	0.0200	0.0218		mg/Kg		109	80 - 123	3	30
cis-1,3-Dichloropropene	0.0200	0.0194		mg/Kg		97	75 - 120	5	30
Cyclohexane	0.0200	0.0207		mg/Kg		103	65 - 132	9	30
Dichlorobromomethane	0.0200	0.0209		mg/Kg		105	77 - 124	5	30
Dichlorodifluoromethane	0.0200	0.0231		mg/Kg		115	45 - 129	6	30
Ethylbenzene	0.0200	0.0213		mg/Kg		107	80 - 120	8	30
Ethylene Dibromide	0.0200	0.0209		mg/Kg		105	79 - 120	6	30
Isopropylbenzene	0.0200	0.0200		mg/Kg		100	74 - 120	6	30
Methyl acetate	0.0400	0.0423		mg/Kg		106	57 - 120	1	30
Methyl tert-butyl ether	0.0200	0.0187		mg/Kg		93	74 - 125	4	30
Methylcyclohexane	0.0200	0.0212		mg/Kg		106	66 - 125	8	30
Methylene Chloride	0.0200	0.0223		mg/Kg		112	78 - 120	2	30
m-Xylene & p-Xylene	0.0200	0.0206		mg/Kg		103	80 - 120	5	30
n-Butylbenzene	0.0200	0.0194		mg/Kg		97	72 - 120	6	30
N-Propylbenzene	0.0200	0.0197		mg/Kg		99	68 - 120	5	30
o-Xylene	0.0200	0.0203		mg/Kg		101	80 - 120	5	30
sec-Butylbenzene	0.0200	0.0185		mg/Kg		93	78 - 120	7	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045112/4

Matrix: Solid

Analysis Batch: 1045112

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	0.0200	0.0203		mg/Kg		102	80 - 120	6	30
tert-Butylbenzene	0.0200	0.0184		mg/Kg		92	80 - 120	9	30
Tetrachloroethene	0.0200	0.0220		mg/Kg		110	73 - 120	6	30
Toluene	0.0200	0.0202		mg/Kg		101	80 - 120	4	30
trans-1,2-Dichloroethene	0.0200	0.0231		mg/Kg		115	78 - 120	4	30
trans-1,3-Dichloropropene	0.0200	0.0184		mg/Kg		92	77 - 120	6	30
Trichloroethene	0.0200	0.0202		mg/Kg		101	80 - 120	9	30
Trichlorofluoromethane	0.0200	0.0232		mg/Kg		116	61 - 130	1	30
Vinyl chloride	0.0200	0.0242		mg/Kg		121	54 - 122	2	30
Xylenes, Total	0.0400	0.0408		mg/Kg		102	80 - 120	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	94		65 - 138
4-Bromofluorobenzene	83		71 - 128
Dibromofluoromethane (Surr)	110		50 - 150
Toluene-d8 (Surr)	102		71 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1044357/1-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/18/25 06:27	06/18/25 10:11	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1044357/1-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Phenol	0.33	U	0.33	0.012	mg/Kg		06/18/25 06:27	06/18/25 10:11	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/18/25 06:27	06/18/25 10:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	97		18 - 137	06/18/25 06:27	06/18/25 10:11	1
2-Fluorobiphenyl	78		33 - 117	06/18/25 06:27	06/18/25 10:11	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1044357/1-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1044357

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2-Fluorophenol (Surr)	76		24 - 120	06/18/25 06:27	06/18/25 10:11	1
Nitrobenzene-d5 (Surr)	67		27 - 120	06/18/25 06:27	06/18/25 10:11	1
Phenol-d5 (Surr)	71		28 - 118	06/18/25 06:27	06/18/25 10:11	1
Terphenyl-d14 (Surr)	81		33 - 124	06/18/25 06:27	06/18/25 10:11	1

Lab Sample ID: LCS 460-1044357/2-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.43		mg/Kg		73	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.58		mg/Kg		77	60 - 120
1,4-Dioxane	3.33	1.39		mg/Kg		42	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	1.70		mg/Kg		51	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	2.97		mg/Kg		89	62 - 120
2,4,5-Trichlorophenol	3.33	2.84		mg/Kg		85	64 - 120
2,4,6-Trichlorophenol	3.33	2.76		mg/Kg		83	65 - 120
2,4-Dichlorophenol	3.33	2.75		mg/Kg		83	66 - 120
2,4-Dimethylphenol	3.33	2.59		mg/Kg		78	75 - 136
2,4-Dinitrophenol	6.67	5.99		mg/Kg		90	41 - 120
2,4-Dinitrotoluene	3.33	3.01		mg/Kg		90	65 - 124
2,6-Dinitrotoluene	3.33	2.82		mg/Kg		85	67 - 121
2-Chloronaphthalene	3.33	2.44		mg/Kg		73	64 - 120
2-Chlorophenol	3.33	2.47		mg/Kg		74	63 - 120
2-Methylnaphthalene	3.33	2.53		mg/Kg		76	56 - 102
2-Methylphenol	3.33	2.45		mg/Kg		74	63 - 120
2-Nitroaniline	3.33	1.91		mg/Kg		57	52 - 120
2-Nitrophenol	3.33	2.53		mg/Kg		76	64 - 120
3 & 4 Methylphenol	3.33	2.47		mg/Kg		74	61 - 120
3,3'-Dichlorobenzidine	3.33	2.25		mg/Kg		68	10 - 106
3-Nitroaniline	3.33	2.26		mg/Kg		68	18 - 105
4,6-Dinitro-2-methylphenol	6.67	6.49		mg/Kg		97	61 - 127
4-Bromophenyl phenyl ether	3.33	2.95		mg/Kg		89	64 - 120
4-Chloro-3-methylphenol	3.33	2.68		mg/Kg		80	68 - 120
4-Chloroaniline	3.33	1.90		mg/Kg		57	10 - 107
4-Chlorophenyl phenyl ether	3.33	2.80		mg/Kg		84	62 - 120
4-Methylphenol	3.33	2.47		mg/Kg		74	61 - 120
4-Nitroaniline	3.33	2.58		mg/Kg		77	51 - 112
4-Nitrophenol	6.67	4.32		mg/Kg		65	52 - 122
Acenaphthene	3.33	2.51		mg/Kg		75	65 - 120
Acenaphthylene	3.33	2.52		mg/Kg		76	68 - 120
Acetophenone	3.33	2.27		mg/Kg		68	61 - 111
Anthracene	3.33	2.84		mg/Kg		85	67 - 120
Atrazine	1.33	3.35	*	mg/Kg		251	52 - 150
Benzaldehyde	1.33	2.14	*	mg/Kg		161	45 - 150
Benzo[a]anthracene	3.33	2.61		mg/Kg		78	66 - 120
Benzo[a]pyrene	3.33	3.02		mg/Kg		91	69 - 123
Benzo[b]fluoranthene	3.33	3.17		mg/Kg		95	66 - 125

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1044357/2-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[g,h,i]perylene	3.33	2.98		mg/Kg		89	66 - 138
Benzo[k]fluoranthene	3.33	2.72		mg/Kg		82	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.18		mg/Kg		65	62 - 120
Bis(2-chloroethyl)ether	3.33	2.17		mg/Kg		65	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	2.49		mg/Kg		75	64 - 125
Butyl benzyl phthalate	3.33	2.46		mg/Kg		74	62 - 127
Caprolactam	1.33	2.34 *		mg/Kg		175	46 - 150
Carbazole	3.33	2.87		mg/Kg		86	64 - 120
Chrysene	3.33	2.58		mg/Kg		77	67 - 120
Dibenz(a,h)anthracene	3.33	2.91		mg/Kg		87	66 - 128
Dibenzofuran	3.33	2.60		mg/Kg		78	61 - 120
Diethyl phthalate	3.33	2.65		mg/Kg		80	63 - 120
Dimethyl phthalate	3.33	2.65		mg/Kg		80	65 - 120
Di-n-butyl phthalate	3.33	2.85		mg/Kg		86	61 - 120
Di-n-octyl phthalate	3.33	2.65		mg/Kg		79	61 - 123
Fluoranthene	3.33	2.92		mg/Kg		88	61 - 120
Fluorene	3.33	2.65		mg/Kg		80	64 - 120
Hexachlorobenzene	3.33	3.02		mg/Kg		91	66 - 120
Hexachlorobutadiene	3.33	2.64		mg/Kg		79	62 - 120
Hexachlorocyclopentadiene	3.33	1.82		mg/Kg		55	32 - 150
Hexachloroethane	3.33	2.18		mg/Kg		66	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	2.95		mg/Kg		88	63 - 137
Isophorone	3.33	2.16		mg/Kg		65	61 - 120
Naphthalene	3.33	2.39		mg/Kg		72	63 - 113
Nitrobenzene	3.33	2.44		mg/Kg		73	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.19		mg/Kg		66	60 - 120
N-Nitrosodiphenylamine	3.33	2.76		mg/Kg		83	63 - 120
Pentachlorophenol	6.67	6.28		mg/Kg		94	61 - 126
Phenanthrene	3.33	2.79		mg/Kg		84	66 - 120
Phenol	3.33	2.31		mg/Kg		69	63 - 120
Pyrene	3.33	2.48		mg/Kg		74	61 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	92		18 - 137
2-Fluorobiphenyl	71		33 - 117
2-Fluorophenol (Surr)	69		24 - 120
Nitrobenzene-d5 (Surr)	61		27 - 120
Phenol-d5 (Surr)	68		28 - 118
Terphenyl-d14 (Surr)	71		33 - 124

Lab Sample ID: LCSD 460-1044357/3-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.56		mg/Kg		77	64 - 120	5	30
1,2,4,5-Tetrachlorobenzene	3.33	2.66		mg/Kg		80	60 - 120	3	30
1,4-Dioxane	3.33	1.58		mg/Kg		47	31 - 105	13	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1044357/3-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
2,2'-oxybis[1-chloropropane]	3.33	1.77		mg/Kg		53	50 - 126	4	30
2,3,4,6-Tetrachlorophenol	3.33	3.00		mg/Kg		90	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	2.87		mg/Kg		86	64 - 120	1	30
2,4,6-Trichlorophenol	3.33	2.84		mg/Kg		85	65 - 120	3	30
2,4-Dichlorophenol	3.33	2.87		mg/Kg		86	66 - 120	4	30
2,4-Dimethylphenol	3.33	2.72		mg/Kg		82	75 - 136	5	30
2,4-Dinitrophenol	6.67	6.19		mg/Kg		93	41 - 120	3	30
2,4-Dinitrotoluene	3.33	3.02		mg/Kg		91	65 - 124	1	30
2,6-Dinitrotoluene	3.33	2.88		mg/Kg		87	67 - 121	2	30
2-Chloronaphthalene	3.33	2.55		mg/Kg		76	64 - 120	4	30
2-Chlorophenol	3.33	2.57		mg/Kg		77	63 - 120	4	30
2-Methylnaphthalene	3.33	2.60		mg/Kg		78	56 - 102	3	30
2-Methylphenol	3.33	2.58		mg/Kg		77	63 - 120	5	30
2-Nitroaniline	3.33	1.94		mg/Kg		58	52 - 120	1	30
2-Nitrophenol	3.33	2.69		mg/Kg		81	64 - 120	6	30
3 & 4 Methylphenol	3.33	2.60		mg/Kg		78	61 - 120	5	30
3,3'-Dichlorobenzidine	3.33	2.08		mg/Kg		62	10 - 106	8	30
3-Nitroaniline	3.33	2.06		mg/Kg		62	18 - 105	9	30
4,6-Dinitro-2-methylphenol	6.67	6.58		mg/Kg		99	61 - 127	1	30
4-Bromophenyl phenyl ether	3.33	3.05		mg/Kg		92	64 - 120	3	30
4-Chloro-3-methylphenol	3.33	2.80		mg/Kg		84	68 - 120	4	30
4-Chloroaniline	3.33	1.73		mg/Kg		52	10 - 107	10	30
4-Chlorophenyl phenyl ether	3.33	2.83		mg/Kg		85	62 - 120	1	30
4-Methylphenol	3.33	2.60		mg/Kg		78	61 - 120	5	30
4-Nitroaniline	3.33	2.64		mg/Kg		79	51 - 112	2	30
4-Nitrophenol	6.67	4.48		mg/Kg		67	52 - 122	4	30
Acenaphthene	3.33	2.57		mg/Kg		77	65 - 120	3	30
Acenaphthylene	3.33	2.59		mg/Kg		78	68 - 120	3	30
Acetophenone	3.33	2.34		mg/Kg		70	61 - 111	3	30
Anthracene	3.33	2.86		mg/Kg		86	67 - 120	1	30
Atrazine	1.33	3.57	*	mg/Kg		268	52 - 150	6	30
Benzaldehyde	1.33	2.30	*	mg/Kg		172	45 - 150	7	30
Benzo[a]anthracene	3.33	2.65		mg/Kg		80	66 - 120	2	30
Benzo[a]pyrene	3.33	3.06		mg/Kg		92	69 - 123	1	30
Benzo[b]fluoranthene	3.33	2.95		mg/Kg		89	66 - 125	7	30
Benzo[g,h,i]perylene	3.33	3.05		mg/Kg		92	66 - 138	2	30
Benzo[k]fluoranthene	3.33	3.03		mg/Kg		91	67 - 122	11	30
Bis(2-chloroethoxy)methane	3.33	2.27		mg/Kg		68	62 - 120	4	30
Bis(2-chloroethyl)ether	3.33	2.21		mg/Kg		66	60 - 120	2	30
Bis(2-ethylhexyl) phthalate	3.33	2.56		mg/Kg		77	64 - 125	3	30
Butyl benzyl phthalate	3.33	2.52		mg/Kg		76	62 - 127	3	30
Caprolactam	1.33	2.47	*	mg/Kg		185	46 - 150	6	30
Carbazole	3.33	2.90		mg/Kg		87	64 - 120	1	30
Chrysene	3.33	2.63		mg/Kg		79	67 - 120	2	30
Dibenz(a,h)anthracene	3.33	3.01		mg/Kg		90	66 - 128	3	30
Dibenzofuran	3.33	2.66		mg/Kg		80	61 - 120	2	30
Diethyl phthalate	3.33	2.71		mg/Kg		81	63 - 120	2	30
Dimethyl phthalate	3.33	2.71		mg/Kg		81	65 - 120	2	30
Di-n-butyl phthalate	3.33	2.90		mg/Kg		87	61 - 120	2	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1044357/3-A

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Di-n-octyl phthalate	3.33	2.68		mg/Kg		80	61 - 123	1	30
Fluoranthene	3.33	3.01		mg/Kg		90	61 - 120	3	30
Fluorene	3.33	2.70		mg/Kg		81	64 - 120	2	30
Hexachlorobenzene	3.33	3.08		mg/Kg		92	66 - 120	2	30
Hexachlorobutadiene	3.33	2.75		mg/Kg		82	62 - 120	4	30
Hexachlorocyclopentadiene	3.33	1.94		mg/Kg		58	32 - 150	6	30
Hexachloroethane	3.33	2.31		mg/Kg		69	61 - 112	5	30
Indeno[1,2,3-cd]pyrene	3.33	2.99		mg/Kg		90	63 - 137	2	30
Isophorone	3.33	2.23		mg/Kg		67	61 - 120	3	30
Naphthalene	3.33	2.48		mg/Kg		75	63 - 113	4	30
Nitrobenzene	3.33	2.53		mg/Kg		76	63 - 120	4	30
N-Nitrosodi-n-propylamine	3.33	2.30		mg/Kg		69	60 - 120	5	30
N-Nitrosodiphenylamine	3.33	2.82		mg/Kg		84	63 - 120	2	30
Pentachlorophenol	6.67	6.44		mg/Kg		97	61 - 126	2	30
Phenanthrene	3.33	2.82		mg/Kg		85	66 - 120	1	30
Phenol	3.33	2.39		mg/Kg		72	63 - 120	4	30
Pyrene	3.33	2.56		mg/Kg		77	61 - 121	3	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	89		18 - 137
2-Fluorobiphenyl	72		33 - 117
2-Fluorophenol (Surr)	68		24 - 120
Nitrobenzene-d5 (Surr)	60		27 - 120
Phenol-d5 (Surr)	68		28 - 118
Terphenyl-d14 (Surr)	71		33 - 124

Lab Sample ID: 460-328592-1 MS

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: SI-SB-1 (14-15)

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	0.34	U	3.39	2.45		mg/Kg	✱	72	64 - 120
1,2,4,5-Tetrachlorobenzene	0.34	U	3.39	2.62		mg/Kg	✱	77	60 - 120
1,4-Dioxane	0.034	U	3.39	1.49		mg/Kg	✱	44	31 - 105
2,2'-oxybis[1-chloropropane]	0.34	U	3.39	1.63	*	mg/Kg	✱	48	50 - 126
2,3,4,6-Tetrachlorophenol	0.34	U	3.39	2.94		mg/Kg	✱	87	62 - 120
2,4,5-Trichlorophenol	0.34	U	3.39	2.79		mg/Kg	✱	82	64 - 120
2,4,6-Trichlorophenol	0.14	U	3.39	2.77		mg/Kg	✱	82	65 - 120
2,4-Dichlorophenol	0.14	U	3.39	2.85		mg/Kg	✱	84	66 - 120
2,4-Dimethylphenol	0.34	U	3.39	2.59		mg/Kg	✱	76	75 - 136
2,4-Dinitrophenol	0.27	U	6.78	0.762	*	mg/Kg	✱	11	41 - 120
2,4-Dinitrotoluene	0.068	U	3.39	2.81		mg/Kg	✱	83	65 - 124
2,6-Dinitrotoluene	0.068	U	3.39	2.70		mg/Kg	✱	79	67 - 121
2-Chloronaphthalene	0.34	U	3.39	2.50		mg/Kg	✱	74	64 - 120
2-Chlorophenol	0.34	U	3.39	2.50		mg/Kg	✱	74	63 - 120
2-Methylnaphthalene	0.34	U	3.39	2.59		mg/Kg	✱	76	56 - 102
2-Methylphenol	0.34	U	3.39	2.47		mg/Kg	✱	73	63 - 120
2-Nitroaniline	0.34	U	3.39	1.85		mg/Kg	✱	55	52 - 120

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328592-1 MS

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: SI-SB-1 (14-15)

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2-Nitrophenol	0.34	U	3.39	2.43		mg/Kg	✱	72	64 - 120
3 & 4 Methylphenol	0.34	U	3.39	2.50		mg/Kg	✱	74	61 - 120
3,3'-Dichlorobenzidine	0.14	U	3.39	2.54		mg/Kg	✱	75	10 - 106
3-Nitroaniline	0.34	U	3.39	2.29		mg/Kg	✱	68	18 - 105
4,6-Dinitro-2-methylphenol	0.27	U	6.78	0.890	*	mg/Kg	✱	13	61 - 127
4-Bromophenyl phenyl ether	0.34	U	3.39	2.99		mg/Kg	✱	88	64 - 120
4-Chloro-3-methylphenol	0.34	U	3.39	2.64		mg/Kg	✱	78	68 - 120
4-Chloroaniline	0.34	U	3.39	1.93		mg/Kg	✱	57	10 - 107
4-Chlorophenyl phenyl ether	0.34	U	3.39	2.78		mg/Kg	✱	82	62 - 120
4-Methylphenol	0.34	U	3.39	2.50		mg/Kg	✱	74	61 - 120
4-Nitroaniline	0.34	U	3.39	2.28		mg/Kg	✱	67	51 - 112
4-Nitrophenol	0.68	U	6.78	4.01		mg/Kg	✱	59	52 - 122
Acenaphthene	0.34	U	3.39	2.48		mg/Kg	✱	73	65 - 120
Acenaphthylene	0.34	U	3.39	2.53		mg/Kg	✱	74	68 - 120
Acetophenone	0.34	U	3.39	2.23		mg/Kg	✱	66	61 - 111
Anthracene	0.34	U	3.39	2.72		mg/Kg	✱	80	67 - 120
Atrazine	0.14	U *	1.36	3.00	E *	mg/Kg	✱	221	52 - 150
Benzaldehyde	0.34	U *	1.36	1.85	E	mg/Kg	✱	136	45 - 150
Benzo[a]anthracene	0.034	U	3.39	2.50		mg/Kg	✱	74	66 - 120
Benzo[a]pyrene	0.034	U	3.39	2.93		mg/Kg	✱	86	69 - 123
Benzo[b]fluoranthene	0.034	U	3.39	2.89		mg/Kg	✱	85	66 - 125
Benzo[g,h,i]perylene	0.34	U	3.39	2.14	*	mg/Kg	✱	63	66 - 138
Benzo[k]fluoranthene	0.034	U	3.39	2.78		mg/Kg	✱	82	67 - 122
Bis(2-chloroethoxy)methane	0.34	U	3.39	2.15		mg/Kg	✱	63	62 - 120
Bis(2-chloroethyl)ether	0.034	U	3.39	2.14		mg/Kg	✱	63	60 - 120
Bis(2-ethylhexyl) phthalate	0.34	U	3.39	2.43		mg/Kg	✱	72	64 - 125
Butyl benzyl phthalate	0.34	U	3.39	2.40		mg/Kg	✱	71	62 - 127
Caprolactam	0.34	U *	1.36	2.00		mg/Kg	✱	148	46 - 150
Carbazole	0.34	U	3.39	2.71		mg/Kg	✱	80	64 - 120
Chrysene	0.34	U	3.39	2.54		mg/Kg	✱	75	67 - 120
Dibenz(a,h)anthracene	0.034	U	3.39	2.33		mg/Kg	✱	69	66 - 128
Dibenzofuran	0.34	U	3.39	2.63		mg/Kg	✱	77	61 - 120
Diethyl phthalate	0.34	U	3.39	2.60		mg/Kg	✱	77	63 - 120
Dimethyl phthalate	0.34	U	3.39	2.59		mg/Kg	✱	76	65 - 120
Di-n-butyl phthalate	0.34	U	3.39	2.76		mg/Kg	✱	81	61 - 120
Di-n-octyl phthalate	0.34	U	3.39	2.58		mg/Kg	✱	76	61 - 123
Fluoranthene	0.34	U	3.39	2.87		mg/Kg	✱	85	61 - 120
Fluorene	0.34	U	3.39	2.63		mg/Kg	✱	77	64 - 120
Hexachlorobenzene	0.034	U	3.39	3.02		mg/Kg	✱	89	66 - 120
Hexachlorobutadiene	0.068	U	3.39	2.78		mg/Kg	✱	82	62 - 120
Hexachlorocyclopentadiene	0.34	U	3.39	0.898	*	mg/Kg	✱	26	32 - 150
Hexachloroethane	0.034	U	3.39	2.19		mg/Kg	✱	65	61 - 112
Indeno[1,2,3-cd]pyrene	0.034	U	3.39	2.21		mg/Kg	✱	65	63 - 137
Isophorone	0.14	U	3.39	2.14		mg/Kg	✱	63	61 - 120
Naphthalene	0.34	U	3.39	2.44		mg/Kg	✱	72	63 - 113
Nitrobenzene	0.034	U	3.39	2.47		mg/Kg	✱	73	63 - 120
N-Nitrosodi-n-propylamine	0.034	U	3.39	2.09		mg/Kg	✱	62	60 - 120
N-Nitrosodiphenylamine	0.34	U	3.39	2.74		mg/Kg	✱	81	63 - 120
Pentachlorophenol	0.27	U	6.78	6.34		mg/Kg	✱	93	61 - 126

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328592-1 MS

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: SI-SB-1 (14-15)

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Phenanthrene	0.34	U	3.39	2.73		mg/Kg	☼	81	66 - 120
Phenol	0.34	U	3.39	2.28		mg/Kg	☼	67	63 - 120
Pyrene	0.34	U	3.39	2.39		mg/Kg	☼	70	61 - 121

Surrogate	MS %Recovery	MS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	87		18 - 137
2-Fluorobiphenyl	69		33 - 117
2-Fluorophenol (Surr)	66		24 - 120
Nitrobenzene-d5 (Surr)	58		27 - 120
Phenol-d5 (Surr)	64		28 - 118
Terphenyl-d14 (Surr)	66		33 - 124

Lab Sample ID: 460-328592-1 MSD

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: SI-SB-1 (14-15)

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	0.34	U	3.40	2.52		mg/Kg	☼	74	64 - 120	3	30
1,2,4,5-Tetrachlorobenzene	0.34	U	3.40	2.71		mg/Kg	☼	80	60 - 120	3	30
1,4-Dioxane	0.034	U	3.40	1.34		mg/Kg	☼	39	31 - 105	11	30
2,2'-oxybis[1-chloropropane]	0.34	U	3.40	1.72		mg/Kg	☼	51	50 - 126	5	30
2,3,4,6-Tetrachlorophenol	0.34	U	3.40	3.03		mg/Kg	☼	89	62 - 120	3	30
2,4,5-Trichlorophenol	0.34	U	3.40	2.87		mg/Kg	☼	84	64 - 120	3	30
2,4,6-Trichlorophenol	0.14	U	3.40	2.89		mg/Kg	☼	85	65 - 120	4	30
2,4-Dichlorophenol	0.14	U	3.40	2.94		mg/Kg	☼	87	66 - 120	3	30
2,4-Dimethylphenol	0.34	U	3.40	2.69		mg/Kg	☼	79	75 - 136	4	30
2,4-Dinitrophenol	0.27	U	6.79	1.01	*	mg/Kg	☼	15	41 - 120	28	30
2,4-Dinitrotoluene	0.068	U	3.40	2.95		mg/Kg	☼	87	65 - 124	5	30
2,6-Dinitrotoluene	0.068	U	3.40	2.85		mg/Kg	☼	84	67 - 121	6	30
2-Chloronaphthalene	0.34	U	3.40	2.58		mg/Kg	☼	76	64 - 120	3	30
2-Chlorophenol	0.34	U	3.40	2.62		mg/Kg	☼	77	63 - 120	5	30
2-Methylnaphthalene	0.34	U	3.40	2.66		mg/Kg	☼	78	56 - 102	3	30
2-Methylphenol	0.34	U	3.40	2.61		mg/Kg	☼	77	63 - 120	6	30
2-Nitroaniline	0.34	U	3.40	1.96		mg/Kg	☼	58	52 - 120	6	30
2-Nitrophenol	0.34	U	3.40	2.60		mg/Kg	☼	76	64 - 120	6	30
3 & 4 Methylphenol	0.34	U	3.40	2.62		mg/Kg	☼	77	61 - 120	5	30
3,3'-Dichlorobenzidine	0.14	U	3.40	2.71		mg/Kg	☼	80	10 - 106	6	30
3-Nitroaniline	0.34	U	3.40	2.37		mg/Kg	☼	70	18 - 105	4	30
4,6-Dinitro-2-methylphenol	0.27	U	6.79	1.26	*	mg/Kg	☼	19	61 - 127	34	30
4-Bromophenyl phenyl ether	0.34	U	3.40	3.08		mg/Kg	☼	91	64 - 120	3	30
4-Chloro-3-methylphenol	0.34	U	3.40	2.74		mg/Kg	☼	81	68 - 120	4	30
4-Chloroaniline	0.34	U	3.40	2.05		mg/Kg	☼	60	10 - 107	6	30
4-Chlorophenyl phenyl ether	0.34	U	3.40	2.84		mg/Kg	☼	84	62 - 120	2	30
4-Methylphenol	0.34	U	3.40	2.62		mg/Kg	☼	77	61 - 120	5	30
4-Nitroaniline	0.34	U	3.40	2.36		mg/Kg	☼	70	51 - 112	4	30
4-Nitrophenol	0.68	U	6.79	4.29		mg/Kg	☼	63	52 - 122	7	30
Acenaphthene	0.34	U	3.40	2.58		mg/Kg	☼	76	65 - 120	4	30
Acenaphthylene	0.34	U	3.40	2.57		mg/Kg	☼	76	68 - 120	2	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 460-328592-1 MSD

Matrix: Solid

Analysis Batch: 1044412

Client Sample ID: SI-SB-1 (14-15)

Prep Type: Total/NA

Prep Batch: 1044357

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acetophenone	0.34	U	3.40	2.37		mg/Kg	☼	70	61 - 111	6	30
Anthracene	0.34	U	3.40	2.82		mg/Kg	☼	83	67 - 120	3	30
Atrazine	0.14	U *	1.36	3.29	E *	mg/Kg	☼	242	52 - 150	9	30
Benzaldehyde	0.34	U *	1.36	2.02	E	mg/Kg	☼	148	45 - 150	9	30
Benzo[a]anthracene	0.034	U	3.40	2.67		mg/Kg	☼	79	66 - 120	7	30
Benzo[a]pyrene	0.034	U	3.40	3.03		mg/Kg	☼	89	69 - 123	3	30
Benzo[b]fluoranthene	0.034	U	3.40	3.21		mg/Kg	☼	95	66 - 125	10	30
Benzo[g,h,i]perylene	0.34	U	3.40	2.43		mg/Kg	☼	72	66 - 138	13	30
Benzo[k]fluoranthene	0.034	U	3.40	2.73		mg/Kg	☼	80	67 - 122	2	30
Bis(2-chloroethoxy)methane	0.34	U	3.40	2.24		mg/Kg	☼	66	62 - 120	4	30
Bis(2-chloroethyl)ether	0.034	U	3.40	2.24		mg/Kg	☼	66	60 - 120	5	30
Bis(2-ethylhexyl) phthalate	0.34	U	3.40	2.51		mg/Kg	☼	74	64 - 125	4	30
Butyl benzyl phthalate	0.34	U	3.40	2.49		mg/Kg	☼	73	62 - 127	4	30
Caprolactam	0.34	U *	1.36	2.11	*	mg/Kg	☼	155	46 - 150	5	30
Carbazole	0.34	U	3.40	2.83		mg/Kg	☼	83	64 - 120	4	30
Chrysene	0.34	U	3.40	2.61		mg/Kg	☼	77	67 - 120	3	30
Dibenz(a,h)anthracene	0.034	U	3.40	2.55		mg/Kg	☼	75	66 - 128	9	30
Dibenzofuran	0.34	U	3.40	2.63		mg/Kg	☼	78	61 - 120	0	30
Diethyl phthalate	0.34	U	3.40	2.65		mg/Kg	☼	78	63 - 120	2	30
Dimethyl phthalate	0.34	U	3.40	2.66		mg/Kg	☼	78	65 - 120	2	30
Di-n-butyl phthalate	0.34	U	3.40	2.88		mg/Kg	☼	85	61 - 120	4	30
Di-n-octyl phthalate	0.34	U	3.40	2.72		mg/Kg	☼	80	61 - 123	5	30
Fluoranthene	0.34	U	3.40	2.98		mg/Kg	☼	88	61 - 120	4	30
Fluorene	0.34	U	3.40	2.71		mg/Kg	☼	80	64 - 120	3	30
Hexachlorobenzene	0.034	U	3.40	3.06		mg/Kg	☼	90	66 - 120	1	30
Hexachlorobutadiene	0.068	U	3.40	2.81		mg/Kg	☼	83	62 - 120	1	30
Hexachlorocyclopentadiene	0.34	U	3.40	1.09		mg/Kg	☼	32	32 - 150	20	30
Hexachloroethane	0.034	U	3.40	2.24		mg/Kg	☼	66	61 - 112	2	30
Indeno[1,2,3-cd]pyrene	0.034	U	3.40	2.50		mg/Kg	☼	74	63 - 137	12	30
Isophorone	0.14	U	3.40	2.21		mg/Kg	☼	65	61 - 120	3	30
Naphthalene	0.34	U	3.40	2.51		mg/Kg	☼	74	63 - 113	2	30
Nitrobenzene	0.034	U	3.40	2.57		mg/Kg	☼	76	63 - 120	4	30
N-Nitrosodi-n-propylamine	0.034	U	3.40	2.23		mg/Kg	☼	66	60 - 120	6	30
N-Nitrosodiphenylamine	0.34	U	3.40	2.79		mg/Kg	☼	82	63 - 120	2	30
Pentachlorophenol	0.27	U	6.79	6.61		mg/Kg	☼	97	61 - 126	4	30
Phenanthrene	0.34	U	3.40	2.80		mg/Kg	☼	82	66 - 120	2	30
Phenol	0.34	U	3.40	2.42		mg/Kg	☼	71	63 - 120	6	30
Pyrene	0.34	U	3.40	2.50		mg/Kg	☼	73	61 - 121	4	30

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	91		18 - 137
2-Fluorobiphenyl	72		33 - 117
2-Fluorophenol (Surr)	69		24 - 120
Nitrobenzene-d5 (Surr)	60		27 - 120
Phenol-d5 (Surr)	67		28 - 118
Terphenyl-d14 (Surr)	69		33 - 124

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1045197/1-A

Matrix: Solid

Analysis Batch: 1045329

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045197

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Calcium	100	U	100	9.7	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Magnesium	100	U	100	10.2	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Potassium	100	U	100	16.2	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Sodium	100	U	100	45.7	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/20/25 23:30	06/21/25 13:30	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/20/25 23:30	06/21/25 13:30	1

Lab Sample ID: LCSSRM 460-1045197/2-A ^3

Matrix: Solid

Analysis Batch: 1045329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045197

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5368		mg/Kg		78.5	53.2 - 146.2
Antimony	131	67.31		mg/Kg		51.4	4.5 - 195.4
Arsenic	192	169.6		mg/Kg		88.3	81.3 - 118.8
Barium	219	195.3		mg/Kg		89.2	81.7 - 118.3
Beryllium	146	130.9		mg/Kg		89.7	82.2 - 117.8
Cadmium	114	100.8		mg/Kg		88.4	81.7 - 118.4
Calcium	4080	3615		mg/Kg		88.6	82.4 - 117.6
Chromium	153	138.1		mg/Kg		90.3	81.0 - 119.0
Cobalt	231	210.8		mg/Kg		91.3	83.1 - 117.3
Copper	91.2	82.34		mg/Kg		90.3	83.1 - 117.3
Iron	7020	5721		mg/Kg		81.5	60.7 - 139.2
Lead	141	123.7		mg/Kg		87.7	81.6 - 118.4

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1045197/2-A ^3

Matrix: Solid

Analysis Batch: 1045329

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045197

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1646		mg/Kg		86.6	76.3 - 123.7
Manganese	401	351.0		mg/Kg		87.5	80.8 - 119.0
Nickel	143	134.4		mg/Kg		94.0	81.8 - 118.9
Potassium	1760	1457		mg/Kg		82.8	72.2 - 127.8
Selenium	94.7	86.41		mg/Kg		91.2	78.5 - 121.4
Silver	77.0	69.78		mg/Kg		90.6	79.4 - 120.6
Sodium	661	598.4		mg/Kg		90.5	73.7 - 126.2
Thallium	183	167.2		mg/Kg		91.4	80.3 - 119.7
Vanadium	159	140.7		mg/Kg		88.5	78.6 - 122.0
Zinc	292	268.1		mg/Kg		91.8	79.8 - 120.2

Lab Sample ID: MB 460-1045330/1-A

Matrix: Solid

Analysis Batch: 1045433

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045330

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Calcium	100	U	100	9.7	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Magnesium	100	U	100	10.2	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Potassium	100	U	100	16.2	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Sodium	100	U	100	45.7	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/21/25 18:10	06/22/25 16:12	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/21/25 18:10	06/22/25 16:12	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1045330/2-A ^3

Matrix: Solid

Analysis Batch: 1045433

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045330

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	5675		mg/Kg		83.0	53.2 - 146.2
Antimony	131	59.01		mg/Kg		45.0	4.5 - 195.4
Arsenic	192	180.8		mg/Kg		94.2	81.3 - 118.8
Barium	219	214.3		mg/Kg		97.8	81.7 - 118.3
Beryllium	146	137.5		mg/Kg		94.2	82.2 - 117.8
Cadmium	114	105.5		mg/Kg		92.5	81.7 - 118.4
Calcium	4080	3918		mg/Kg		96.0	82.4 - 117.6
Chromium	153	146.2		mg/Kg		95.6	81.0 - 119.0
Cobalt	231	223.4		mg/Kg		96.7	83.1 - 117.3
Copper	91.2	87.64		mg/Kg		96.1	83.1 - 117.3
Iron	7020	6077		mg/Kg		86.6	60.7 - 139.2
Lead	141	130.1		mg/Kg		92.3	81.6 - 118.4
Magnesium	1900	1665		mg/Kg		87.6	76.3 - 123.7
Manganese	401	368.7		mg/Kg		92.0	80.8 - 119.0
Nickel	143	141.6		mg/Kg		99.0	81.8 - 118.9
Potassium	1760	1521		mg/Kg		86.4	72.2 - 127.8
Selenium	94.7	92.34		mg/Kg		97.5	78.5 - 121.4
Silver	77.0	72.65		mg/Kg		94.4	79.4 - 120.6
Sodium	661	632.5		mg/Kg		95.7	73.7 - 126.2
Thallium	183	193.8		mg/Kg		105.9	80.3 - 119.7
Vanadium	159	144.8		mg/Kg		91.1	78.6 - 122.0
Zinc	292	276.8		mg/Kg		94.8	79.8 - 120.2

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1045450/1-A

Matrix: Solid

Analysis Batch: 1045615

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045450

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/23/25 02:25	06/23/25 14:25	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method: 7471B - Mercury (CVAA) (Continued)

Lab Sample ID: LCSSRM 460-1045450/2-A
Matrix: Solid
Analysis Batch: 1045615

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 1045450

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	11.11		mg/Kg		78.8	69.6 - 130.5

Lab Sample ID: 460-328592-1 MS
Matrix: Solid
Analysis Batch: 1045615

Client Sample ID: SI-SB-1 (14-15)
Prep Type: Total/NA
Prep Batch: 1045450

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.017	U	0.0810	0.0804		mg/Kg	✱	99	80 - 120

Lab Sample ID: 460-328592-1 DU
Matrix: Solid
Analysis Batch: 1045615

Client Sample ID: SI-SB-1 (14-15)
Prep Type: Total/NA
Prep Batch: 1045450

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Mercury	0.017	U	0.017	U	mg/Kg	✱	NC	20

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

GC/MS VOA

Prep Batch: 1044262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	5035	
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	5035	
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	5035	
460-328592-4	DW-1 (10-11)	Total/NA	Solid	5035	
460-328592-5	DW-1 (14-15)	Total/NA	Solid	5035	
460-328592-6	DW-2 (3-4)	Total/NA	Solid	5035	
460-328592-7	DW-2 (7-8)	Total/NA	Solid	5035	

Analysis Batch: 1045112

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	8260D	1044262
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	8260D	1044262
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	8260D	1044262
460-328592-4	DW-1 (10-11)	Total/NA	Solid	8260D	1044262
460-328592-5	DW-1 (14-15)	Total/NA	Solid	8260D	1044262
460-328592-6	DW-2 (3-4)	Total/NA	Solid	8260D	1044262
460-328592-7	DW-2 (7-8)	Total/NA	Solid	8260D	1044262
MB 460-1045112/7	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045112/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045112/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1044357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	3546	
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	3546	
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	3546	
460-328592-4	DW-1 (10-11)	Total/NA	Solid	3546	
460-328592-5	DW-1 (14-15)	Total/NA	Solid	3546	
460-328592-6	DW-2 (3-4)	Total/NA	Solid	3546	
460-328592-7	DW-2 (7-8)	Total/NA	Solid	3546	
MB 460-1044357/1-A	Method Blank	Total/NA	Solid	3546	
LCS 460-1044357/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1044357/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	
460-328592-1 MS	SI-SB-1 (14-15)	Total/NA	Solid	3546	
460-328592-1 MSD	SI-SB-1 (14-15)	Total/NA	Solid	3546	

Analysis Batch: 1044412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	8270E	1044357
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	8270E	1044357
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	8270E	1044357
460-328592-4	DW-1 (10-11)	Total/NA	Solid	8270E	1044357
460-328592-5	DW-1 (14-15)	Total/NA	Solid	8270E	1044357
460-328592-6	DW-2 (3-4)	Total/NA	Solid	8270E	1044357
460-328592-7	DW-2 (7-8)	Total/NA	Solid	8270E	1044357
MB 460-1044357/1-A	Method Blank	Total/NA	Solid	8270E	1044357
LCS 460-1044357/2-A	Lab Control Sample	Total/NA	Solid	8270E	1044357
LCSD 460-1044357/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	1044357
460-328592-1 MS	SI-SB-1 (14-15)	Total/NA	Solid	8270E	1044357

Eurofins Edison

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

GC/MS Semi VOA (Continued)

Analysis Batch: 1044412 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1 MSD	SI-SB-1 (14-15)	Total/NA	Solid	8270E	1044357

Metals

Prep Batch: 1045197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	3050B	
MB 460-1045197/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1045197/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 1045329

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	6020B	1045197
MB 460-1045197/1-A	Method Blank	Total/NA	Solid	6020B	1045197
LCSSRM 460-1045197/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1045197

Prep Batch: 1045330

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	3050B	
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	3050B	
460-328592-4	DW-1 (10-11)	Total/NA	Solid	3050B	
460-328592-5	DW-1 (14-15)	Total/NA	Solid	3050B	
460-328592-6	DW-2 (3-4)	Total/NA	Solid	3050B	
460-328592-7	DW-2 (7-8)	Total/NA	Solid	3050B	
MB 460-1045330/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1045330/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 1045433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	6020B	1045330
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	6020B	1045330
460-328592-4	DW-1 (10-11)	Total/NA	Solid	6020B	1045330
460-328592-5	DW-1 (14-15)	Total/NA	Solid	6020B	1045330
460-328592-6	DW-2 (3-4)	Total/NA	Solid	6020B	1045330
460-328592-7	DW-2 (7-8)	Total/NA	Solid	6020B	1045330
MB 460-1045330/1-A	Method Blank	Total/NA	Solid	6020B	1045330
LCSSRM 460-1045330/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1045330

Prep Batch: 1045450

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	7471B	
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	7471B	
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	7471B	
460-328592-4	DW-1 (10-11)	Total/NA	Solid	7471B	
460-328592-5	DW-1 (14-15)	Total/NA	Solid	7471B	
460-328592-6	DW-2 (3-4)	Total/NA	Solid	7471B	
460-328592-7	DW-2 (7-8)	Total/NA	Solid	7471B	
MB 460-1045450/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1045450/2-A	Lab Control Sample	Total/NA	Solid	7471B	
460-328592-1 MS	SI-SB-1 (14-15)	Total/NA	Solid	7471B	
460-328592-1 DU	SI-SB-1 (14-15)	Total/NA	Solid	7471B	

Eurofins Edison

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Metals

Analysis Batch: 1045615

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	7471B	1045450
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	7471B	1045450
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	7471B	1045450
460-328592-4	DW-1 (10-11)	Total/NA	Solid	7471B	1045450
460-328592-5	DW-1 (14-15)	Total/NA	Solid	7471B	1045450
460-328592-6	DW-2 (3-4)	Total/NA	Solid	7471B	1045450
460-328592-7	DW-2 (7-8)	Total/NA	Solid	7471B	1045450
MB 460-1045450/1-A	Method Blank	Total/NA	Solid	7471B	1045450
LCSSRM 460-1045450/2-A	Lab Control Sample	Total/NA	Solid	7471B	1045450
460-328592-1 MS	SI-SB-1 (14-15)	Total/NA	Solid	7471B	1045450
460-328592-1 DU	SI-SB-1 (14-15)	Total/NA	Solid	7471B	1045450

General Chemistry

Analysis Batch: 1044266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328592-1	SI-SB-1 (14-15)	Total/NA	Solid	Moisture	
460-328592-2	SI-SB-2 (9-10)	Total/NA	Solid	Moisture	
460-328592-3	SI-SB-3 (9-10)	Total/NA	Solid	Moisture	
460-328592-4	DW-1 (10-11)	Total/NA	Solid	Moisture	
460-328592-5	DW-1 (14-15)	Total/NA	Solid	Moisture	
460-328592-6	DW-2 (3-4)	Total/NA	Solid	Moisture	
460-328592-7	DW-2 (7-8)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-1 (14-15)

Date Collected: 06/13/25 08:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: SI-SB-1 (14-15)

Date Collected: 06/13/25 08:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-1

Matrix: Solid

Percent Solids: 98.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:16
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 00:04
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 11:56
Total/NA	Prep	3050B			1045197	GAE	EET EDI	06/20/25 23:30
Total/NA	Analysis	6020B		1	1045329	CDC	EET EDI	06/21/25 14:54
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 14:43

Client Sample ID: SI-SB-2 (9-10)

Date Collected: 06/13/25 09:15

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: SI-SB-2 (9-10)

Date Collected: 06/13/25 09:15

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-2

Matrix: Solid

Percent Solids: 89.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:16
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 00:28
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 12:14
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 16:52
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 14:48

Client Sample ID: SI-SB-3 (9-10)

Date Collected: 06/13/25 09:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Eurofins Edison

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: SI-SB-3 (9-10)

Lab Sample ID: 460-328592-3

Date Collected: 06/13/25 09:30

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:16
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 00:53
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 12:31
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 16:55
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 14:51

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Date Collected: 06/13/25 09:47

Matrix: Solid

Date Received: 06/16/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: DW-1 (10-11)

Lab Sample ID: 460-328592-4

Date Collected: 06/13/25 09:47

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 97.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:17
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 01:17
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 18:58
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 16:58
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 14:54

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: DW-1 (14-15)

Lab Sample ID: 460-328592-5

Date Collected: 06/13/25 09:50

Matrix: Solid

Date Received: 06/16/25 18:45

Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:17
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 01:43
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 19:15

Eurofins Edison

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Client Sample ID: DW-1 (14-15)

Date Collected: 06/13/25 09:50

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-5

Matrix: Solid

Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 17:01
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 14:57

Client Sample ID: DW-2 (3-4)

Date Collected: 06/13/25 09:59

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: DW-2 (3-4)

Date Collected: 06/13/25 09:59

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-6

Matrix: Solid

Percent Solids: 99.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:17
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 02:08
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 19:33
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 17:03
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 15:00

Client Sample ID: DW-2 (7-8)

Date Collected: 06/13/25 10:03

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1044266	CJC	EET EDI	06/17/25 17:40

Client Sample ID: DW-2 (7-8)

Date Collected: 06/13/25 10:03

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328592-7

Matrix: Solid

Percent Solids: 98.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1044262	JCZ	EET EDI	06/17/25 15:18
Total/NA	Analysis	8260D		1	1045112	AAT	EET EDI	06/21/25 02:33
Total/NA	Prep	3546			1044357	BJB	EET EDI	06/18/25 06:27
Total/NA	Analysis	8270E		1	1044412	DXD	EET EDI	06/18/25 12:49
Total/NA	Prep	3050B			1045330	GAE	EET EDI	06/21/25 18:10
Total/NA	Analysis	6020B		1	1045433	CDC	EET EDI	06/22/25 17:06
Total/NA	Prep	7471B			1045450	TJS	EET EDI	06/23/25 02:25
Total/NA	Analysis	7471B		1	1045615	LBD	EET EDI	06/23/25 15:03

Eurofins Edison

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Laboratory References:
EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

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Accreditation/Certification Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328592-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328592-1	SI-SB-1 (14-15)	Solid	06/13/25 08:30	06/16/25 18:45
460-328592-2	SI-SB-2 (9-10)	Solid	06/13/25 09:15	06/16/25 18:45
460-328592-3	SI-SB-3 (9-10)	Solid	06/13/25 09:30	06/16/25 18:45
460-328592-4	DW-1 (10-11)	Solid	06/13/25 09:47	06/16/25 18:45
460-328592-5	DW-1 (14-15)	Solid	06/13/25 09:50	06/16/25 18:45
460-328592-6	DW-2 (3-4)	Solid	06/13/25 09:59	06/16/25 18:45
460-328592-7	DW-2 (7-8)	Solid	06/13/25 10:03	06/16/25 18:45

TAL-8210

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6/26/2025

NO CS IR#9 0.3-0.7 0.9-1.3 °C

Age Group	Number of People
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15

328592

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	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	0.3 °C	0.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	0.9 °C	1.3 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

[illegible]

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-328592-1

Login Number: 328592

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Rich Fasciani
GEI Consultants Inc
1000 New York Avenue
Huntington Station, New York 11746

Generated 6/26/2025 6:19:16 PM

JOB DESCRIPTION

20/40 Jerusalem Avenue

JOB NUMBER

460-328593-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
6/26/2025 6:19:16 PM

Authorized for release by
Katelyn Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GEI Consultants Inc
Project: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Job ID: 460-328593-1

Eurofins Edison

Job Narrative 460-328593-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/16/2025 6:45 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 0.7°C and 1.3°C.

Receipt Exceptions

A trip blank was submitted for analysis with these samples; however, it was not listed on the Chain of Custody (COC).

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-1045604 recovered outside control limits for the following analyte: Methyl acetate. This analyte was biased high in the LCS/LCSD and was not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 460-1045604 recovered above the upper control limit for Chloromethane and Methyl acetate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The following sample was collected in a properly preserved vial; however, the pH was outside the required criteria when verified by the laboratory. The sample was analyzed outside the 7-day holding time specified for unpreserved samples but within the 14-day holding time specified for preserved samples: TMW-4 (460-328593-4).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-1

Lab Sample ID: 460-328593-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Chloroform	0.35	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.52		0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: TMW-2

Lab Sample ID: 460-328593-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.40	J	1.0	0.37	ug/L	1		8260D	Total/NA
Acetone	37		5.0	4.4	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.31	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.48		0.40	0.28	ug/L	1		8260D	Total/NA
Toluene	0.50	J	1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: TMW-3

Lab Sample ID: 460-328593-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,2,4-Trimethylbenzene	0.73	J	1.0	0.37	ug/L	1		8260D	Total/NA
Acetone	15		5.0	4.4	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.54	J	1.0	0.48	ug/L	1		8260D	Total/NA
m-Xylene & p-Xylene	0.65	J	1.0	0.30	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.60		0.40	0.28	ug/L	1		8260D	Total/NA
Toluene	0.82	J	1.0	0.38	ug/L	1		8260D	Total/NA
Trichloroethene	0.33		0.28	0.074	ug/L	1		8260D	Total/NA
Xylenes, Total	0.65	J	2.0	0.65	ug/L	1		8260D	Total/NA

Client Sample ID: TMW-4

Lab Sample ID: 460-328593-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
2-Butanone (MEK)	11		5.0	3.9	ug/L	1		8260D	Total/NA
Acetone	55		5.0	4.4	ug/L	1		8260D	Total/NA
Benzene	0.44	J	0.45	0.070	ug/L	1		8260D	Total/NA
Chloroform	5.8		1.0	0.33	ug/L	1		8260D	Total/NA
cis-1,2-Dichloroethene	0.84	J	1.0	0.48	ug/L	1		8260D	Total/NA
Methylene Chloride	1.3		1.0	0.65	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.50		0.40	0.28	ug/L	1		8260D	Total/NA
Toluene	0.60	J	1.0	0.38	ug/L	1		8260D	Total/NA

Client Sample ID: TMW-5

Lab Sample ID: 460-328593-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	7.3		5.0	4.4	ug/L	1		8260D	Total/NA
Chloroform	0.40	J	1.0	0.33	ug/L	1		8260D	Total/NA
Tetrachloroethene	0.29	J	0.40	0.28	ug/L	1		8260D	Total/NA

Client Sample ID: Trip Blank

Lab Sample ID: 460-328593-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	5.2		5.0	4.4	ug/L	1		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-1

Lab Sample ID: 460-328593-1

Date Collected: 06/12/25 09:00

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 00:41	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 00:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 00:41	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 00:41	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 00:41	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 00:41	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 00:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 00:41	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 00:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 00:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 00:41	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 00:41	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 00:41	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 00:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 00:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 00:41	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 00:41	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 00:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 00:41	1
Acetone	5.0	U	5.0	4.4	ug/L			06/24/25 00:41	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 00:41	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 00:41	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 00:41	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 00:41	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 00:41	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 00:41	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 00:41	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 00:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 00:41	1
Chloroform	0.35	J	1.0	0.33	ug/L			06/24/25 00:41	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 00:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/24/25 00:41	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 00:41	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 00:41	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 00:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 00:41	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 00:41	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 00:41	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 00:41	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/24/25 00:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 00:41	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 00:41	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 00:41	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/24/25 00:41	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 00:41	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 00:41	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 00:41	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 00:41	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 00:41	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-1

Date Collected: 06/12/25 09:00

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-1

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 00:41	1
Tetrachloroethene	0.52		0.40	0.28	ug/L			06/24/25 00:41	1
Toluene	1.0	U	1.0	0.38	ug/L			06/24/25 00:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 00:41	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 00:41	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 00:41	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 00:41	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 00:41	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 00:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		06/24/25 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 128		06/24/25 00:41	1
4-Bromofluorobenzene	91		76 - 120		06/24/25 00:41	1
Dibromofluoromethane (Surr)	94		77 - 132		06/24/25 00:41	1
Toluene-d8 (Surr)	100		80 - 120		06/24/25 00:41	1

Client Sample ID: TMW-2

Date Collected: 06/12/25 12:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-2

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 01:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 01:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 01:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 01:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 01:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 01:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:01	1
1,2,4-Trimethylbenzene	0.40	J	1.0	0.37	ug/L			06/24/25 01:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 01:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 01:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 01:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 01:01	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:01	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 01:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 01:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 01:01	1
Acetone	37		5.0	4.4	ug/L			06/24/25 01:01	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 01:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 01:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 01:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 01:01	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 01:01	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-2

Lab Sample ID: 460-328593-2

Date Collected: 06/12/25 12:30

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 01:01	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 01:01	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 01:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:01	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/24/25 01:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 01:01	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/24/25 01:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 01:01	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 01:01	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 01:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 01:01	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 01:01	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:01	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/24/25 01:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 01:01	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 01:01	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 01:01	1
m-Xylene & p-Xylene	0.31	J	1.0	0.30	ug/L			06/24/25 01:01	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:01	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:01	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 01:01	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:01	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 01:01	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:01	1
Tetrachloroethene	0.48		0.40	0.28	ug/L			06/24/25 01:01	1
Toluene	0.50	J	1.0	0.38	ug/L			06/24/25 01:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 01:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 01:01	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 01:01	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 01:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 01:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		06/24/25 01:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	111		70 - 128		06/24/25 01:01	1
4-Bromofluorobenzene	90		76 - 120		06/24/25 01:01	1
Dibromofluoromethane (Surr)	96		77 - 132		06/24/25 01:01	1
Toluene-d8 (Surr)	98		80 - 120		06/24/25 01:01	1

Client Sample ID: TMW-3

Lab Sample ID: 460-328593-3

Date Collected: 06/13/25 08:00

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 01:21	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-3

Lab Sample ID: 460-328593-3

Date Collected: 06/13/25 08:00

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 01:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:21	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 01:21	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 01:21	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 01:21	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 01:21	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:21	1
1,2,4-Trimethylbenzene	0.73	J	1.0	0.37	ug/L			06/24/25 01:21	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 01:21	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 01:21	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 01:21	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 01:21	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:21	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:21	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:21	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 01:21	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 01:21	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 01:21	1
Acetone	15		5.0	4.4	ug/L			06/24/25 01:21	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 01:21	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 01:21	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 01:21	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 01:21	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 01:21	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 01:21	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 01:21	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 01:21	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:21	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/24/25 01:21	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 01:21	1
cis-1,2-Dichloroethene	0.54	J	1.0	0.48	ug/L			06/24/25 01:21	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 01:21	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 01:21	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 01:21	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:21	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 01:21	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 01:21	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:21	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/24/25 01:21	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 01:21	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 01:21	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 01:21	1
m-Xylene & p-Xylene	0.65	J	1.0	0.30	ug/L			06/24/25 01:21	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:21	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:21	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 01:21	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:21	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 01:21	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:21	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-3

Lab Sample ID: 460-328593-3

Date Collected: 06/13/25 08:00

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	0.60		0.40	0.28	ug/L			06/24/25 01:21	1
Toluene	0.82	J	1.0	0.38	ug/L			06/24/25 01:21	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 01:21	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 01:21	1
Trichloroethene	0.33		0.28	0.074	ug/L			06/24/25 01:21	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:21	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 01:21	1
Xylenes, Total	0.65	J	2.0	0.65	ug/L			06/24/25 01:21	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Propene	26	J N	ug/L		1.28	115-07-1		06/24/25 01:21	1
Unknown	19	J	ug/L		1.49	N/A		06/24/25 01:21	1
Unknown	5.9	J	ug/L		1.90	N/A		06/24/25 01:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	110		70 - 128		06/24/25 01:21	1
4-Bromofluorobenzene	93		76 - 120		06/24/25 01:21	1
Dibromofluoromethane (Surr)	94		77 - 132		06/24/25 01:21	1
Toluene-d8 (Surr)	98		80 - 120		06/24/25 01:21	1

Client Sample ID: TMW-4

Lab Sample ID: 460-328593-4

Date Collected: 06/13/25 12:45

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 02:01	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 02:01	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 02:01	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 02:01	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 02:01	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 02:01	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 02:01	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 02:01	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 02:01	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 02:01	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 02:01	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 02:01	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 02:01	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 02:01	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 02:01	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 02:01	1
2-Butanone (MEK)	11		5.0	3.9	ug/L			06/24/25 02:01	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 02:01	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 02:01	1
Acetone	55		5.0	4.4	ug/L			06/24/25 02:01	1
Benzene	0.44	J	0.45	0.070	ug/L			06/24/25 02:01	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 02:01	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 02:01	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 02:01	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-4

Lab Sample ID: 460-328593-4

Date Collected: 06/13/25 12:45

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 02:01	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 02:01	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 02:01	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 02:01	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 02:01	1
Chloroform	5.8		1.0	0.33	ug/L			06/24/25 02:01	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 02:01	1
cis-1,2-Dichloroethene	0.84	J	1.0	0.48	ug/L			06/24/25 02:01	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 02:01	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 02:01	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 02:01	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 02:01	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 02:01	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 02:01	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 02:01	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/24/25 02:01	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 02:01	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 02:01	1
Methylene Chloride	1.3		1.0	0.65	ug/L			06/24/25 02:01	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/24/25 02:01	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 02:01	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 02:01	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 02:01	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 02:01	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 02:01	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 02:01	1
Tetrachloroethene	0.50		0.40	0.28	ug/L			06/24/25 02:01	1
Toluene	0.60	J	1.0	0.38	ug/L			06/24/25 02:01	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 02:01	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 02:01	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 02:01	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 02:01	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 02:01	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 02:01	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Propene	47	J N	ug/L		1.28	115-07-1		06/24/25 02:01	1
1-Butene	37	J N	ug/L		1.49	106-98-9		06/24/25 02:01	1
Unknown	7.8	J	ug/L		1.57	N/A		06/24/25 02:01	1
Cyclopropane, ethyl-	15	J N	ug/L		1.90	1191-96-4		06/24/25 02:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	109		70 - 128		06/24/25 02:01	1
4-Bromofluorobenzene	89		76 - 120		06/24/25 02:01	1
Dibromofluoromethane (Surr)	94		77 - 132		06/24/25 02:01	1
Toluene-d8 (Surr)	100		80 - 120		06/24/25 02:01	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-5

Lab Sample ID: 460-328593-5

Date Collected: 06/13/25 15:30

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/24/25 01:41	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/24/25 01:41	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:41	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/24/25 01:41	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/24/25 01:41	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/24/25 01:41	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/24/25 01:41	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:41	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:41	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/24/25 01:41	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/24/25 01:41	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/24/25 01:41	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/24/25 01:41	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:41	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:41	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/24/25 01:41	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/24/25 01:41	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/24/25 01:41	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/24/25 01:41	1
Acetone	7.3		5.0	4.4	ug/L			06/24/25 01:41	1
Benzene	0.45	U	0.45	0.070	ug/L			06/24/25 01:41	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/24/25 01:41	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/24/25 01:41	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/24/25 01:41	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/24/25 01:41	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/24/25 01:41	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/24/25 01:41	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/24/25 01:41	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:41	1
Chloroform	0.40	J	1.0	0.33	ug/L			06/24/25 01:41	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/24/25 01:41	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/24/25 01:41	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/24/25 01:41	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/24/25 01:41	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/24/25 01:41	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/24/25 01:41	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/24/25 01:41	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/24/25 01:41	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:41	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/24/25 01:41	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/24/25 01:41	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/24/25 01:41	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/24/25 01:41	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/24/25 01:41	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:41	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/24/25 01:41	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/24/25 01:41	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/24/25 01:41	1
Styrene	1.0	U	1.0	0.42	ug/L			06/24/25 01:41	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-5

Date Collected: 06/13/25 15:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/24/25 01:41	1
Tetrachloroethene	0.29	J	0.40	0.28	ug/L			06/24/25 01:41	1
Toluene	1.0	U	1.0	0.38	ug/L			06/24/25 01:41	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/24/25 01:41	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/24/25 01:41	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/24/25 01:41	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/24/25 01:41	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/24/25 01:41	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/24/25 01:41	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		06/24/25 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 128		06/24/25 01:41	1
4-Bromofluorobenzene	90		76 - 120		06/24/25 01:41	1
Dibromofluoromethane (Surr)	94		77 - 132		06/24/25 01:41	1
Toluene-d8 (Surr)	102		80 - 120		06/24/25 01:41	1

Client Sample ID: Trip Blank

Date Collected: 06/16/25 00:00

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/23/25 23:20	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/23/25 23:20	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/23/25 23:20	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/23/25 23:20	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/23/25 23:20	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/23/25 23:20	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/23/25 23:20	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/23/25 23:20	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 23:20	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/23/25 23:20	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/23/25 23:20	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/23/25 23:20	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/23/25 23:20	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/23/25 23:20	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/23/25 23:20	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/23/25 23:20	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/23/25 23:20	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/23/25 23:20	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/23/25 23:20	1
Acetone	5.2		5.0	4.4	ug/L			06/23/25 23:20	1
Benzene	0.45	U	0.45	0.070	ug/L			06/23/25 23:20	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/23/25 23:20	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/23/25 23:20	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/23/25 23:20	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/23/25 23:20	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: Trip Blank

Lab Sample ID: 460-328593-6

Date Collected: 06/16/25 00:00

Matrix: Water

Date Received: 06/16/25 18:45

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/23/25 23:20	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/23/25 23:20	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/23/25 23:20	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/23/25 23:20	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/23/25 23:20	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/23/25 23:20	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/23/25 23:20	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/23/25 23:20	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/23/25 23:20	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/23/25 23:20	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/23/25 23:20	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/23/25 23:20	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/23/25 23:20	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 23:20	1
Methyl acetate	5.0	U *	5.0	0.79	ug/L			06/23/25 23:20	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/23/25 23:20	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/23/25 23:20	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/23/25 23:20	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/23/25 23:20	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 23:20	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 23:20	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/23/25 23:20	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 23:20	1
Styrene	1.0	U	1.0	0.42	ug/L			06/23/25 23:20	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 23:20	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/23/25 23:20	1
Toluene	1.0	U	1.0	0.38	ug/L			06/23/25 23:20	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/25 23:20	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/23/25 23:20	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/23/25 23:20	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/23/25 23:20	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/23/25 23:20	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/23/25 23:20	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		06/23/25 23:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	108		70 - 128		06/23/25 23:20	1
4-Bromofluorobenzene	91		76 - 120		06/23/25 23:20	1
Dibromofluoromethane (Surr)	94		77 - 132		06/23/25 23:20	1
Toluene-d8 (Surr)	100		80 - 120		06/23/25 23:20	1

Eurofins Edison

Surrogate Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)			
Lab Sample ID	Client Sample ID	DCA (70-128)	BFB (76-120)	DBFM (77-132)	TOL (80-120)
460-328593-1	TMW-1	111	91	94	100
460-328593-2	TMW-2	111	90	96	98
460-328593-3	TMW-3	110	93	94	98
460-328593-4	TMW-4	109	89	94	100
460-328593-5	TMW-5	108	90	94	102
460-328593-6	Trip Blank	108	91	94	100
LCS 460-1045604/5	Lab Control Sample	103	96	92	101
LCSD 460-1045604/6	Lab Control Sample Dup	103	95	92	100
MB 460-1045604/10	Method Blank	106	91	94	98

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1045604/10

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	1.0	U	1.0	0.24	ug/L			06/23/25 22:19	1
1,1,2,2-Tetrachloroethane	0.20	U	0.20	0.085	ug/L			06/23/25 22:19	1
1,1,2-Trichloro-1,2,2-trifluoroethane	1.0	U	1.0	0.31	ug/L			06/23/25 22:19	1
1,1,2-Trichloroethane	0.58	U	0.58	0.19	ug/L			06/23/25 22:19	1
1,1-Dichloroethane	1.0	U	1.0	0.26	ug/L			06/23/25 22:19	1
1,1-Dichloroethene	1.0	U	1.0	0.26	ug/L			06/23/25 22:19	1
1,2,3-Trichlorobenzene	1.0	U	1.0	0.36	ug/L			06/23/25 22:19	1
1,2,4-Trichlorobenzene	1.0	U	1.0	0.37	ug/L			06/23/25 22:19	1
1,2,4-Trimethylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 22:19	1
1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.38	ug/L			06/23/25 22:19	1
1,2-Dichlorobenzene	1.0	U	1.0	0.21	ug/L			06/23/25 22:19	1
1,2-Dichloroethane	0.30	U	0.30	0.087	ug/L			06/23/25 22:19	1
1,2-Dichloropropane	0.92	U	0.92	0.074	ug/L			06/23/25 22:19	1
1,3,5-Trimethylbenzene	1.0	U	1.0	0.33	ug/L			06/23/25 22:19	1
1,3-Dichlorobenzene	1.0	U	1.0	0.34	ug/L			06/23/25 22:19	1
1,4-Dichlorobenzene	1.0	U	1.0	0.33	ug/L			06/23/25 22:19	1
2-Butanone (MEK)	5.0	U	5.0	3.9	ug/L			06/23/25 22:19	1
2-Hexanone	5.0	U	5.0	1.1	ug/L			06/23/25 22:19	1
4-Methyl-2-pentanone (MIBK)	5.0	U	5.0	1.3	ug/L			06/23/25 22:19	1
Acetone	5.0	U	5.0	4.4	ug/L			06/23/25 22:19	1
Benzene	0.45	U	0.45	0.070	ug/L			06/23/25 22:19	1
Bromoform	1.0	U	1.0	0.54	ug/L			06/23/25 22:19	1
Bromomethane	1.0	U	1.0	0.55	ug/L			06/23/25 22:19	1
Carbon disulfide	1.0	U	1.0	0.82	ug/L			06/23/25 22:19	1
Carbon tetrachloride	1.0	U	1.0	0.21	ug/L			06/23/25 22:19	1
Chlorobenzene	1.0	U	1.0	0.38	ug/L			06/23/25 22:19	1
Chlorobromomethane	1.0	U	1.0	0.41	ug/L			06/23/25 22:19	1
Chlorodibromomethane	0.78	U	0.78	0.086	ug/L			06/23/25 22:19	1
Chloroethane	1.0	U	1.0	0.32	ug/L			06/23/25 22:19	1
Chloroform	1.0	U	1.0	0.33	ug/L			06/23/25 22:19	1
Chloromethane	1.0	U	1.0	0.40	ug/L			06/23/25 22:19	1
cis-1,2-Dichloroethene	1.0	U	1.0	0.48	ug/L			06/23/25 22:19	1
cis-1,3-Dichloropropene	0.45	U	0.45	0.069	ug/L			06/23/25 22:19	1
Cyclohexane	1.0	U	1.0	0.32	ug/L			06/23/25 22:19	1
Dichlorobromomethane	0.98	U	0.98	0.15	ug/L			06/23/25 22:19	1
Dichlorodifluoromethane	1.0	U	1.0	0.31	ug/L			06/23/25 22:19	1
Ethylbenzene	1.0	U	1.0	0.30	ug/L			06/23/25 22:19	1
Ethylene Dibromide	1.0	U	1.0	0.50	ug/L			06/23/25 22:19	1
Isopropylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 22:19	1
Methyl acetate	5.0	U	5.0	0.79	ug/L			06/23/25 22:19	1
Methyl tert-butyl ether	1.0	U	1.0	0.22	ug/L			06/23/25 22:19	1
Methylcyclohexane	1.0	U	1.0	0.71	ug/L			06/23/25 22:19	1
Methylene Chloride	1.0	U	1.0	0.65	ug/L			06/23/25 22:19	1
m-Xylene & p-Xylene	1.0	U	1.0	0.30	ug/L			06/23/25 22:19	1
n-Butylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 22:19	1
N-Propylbenzene	1.0	U	1.0	0.32	ug/L			06/23/25 22:19	1
o-Xylene	1.0	U	1.0	0.36	ug/L			06/23/25 22:19	1
sec-Butylbenzene	1.0	U	1.0	0.37	ug/L			06/23/25 22:19	1

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045604/10

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	1.0	U	1.0	0.42	ug/L			06/23/25 22:19	1
tert-Butylbenzene	1.0	U	1.0	0.34	ug/L			06/23/25 22:19	1
Tetrachloroethene	0.40	U	0.40	0.28	ug/L			06/23/25 22:19	1
Toluene	1.0	U	1.0	0.38	ug/L			06/23/25 22:19	1
trans-1,2-Dichloroethene	1.0	U	1.0	0.24	ug/L			06/23/25 22:19	1
trans-1,3-Dichloropropene	0.45	U	0.45	0.12	ug/L			06/23/25 22:19	1
Trichloroethene	0.28	U	0.28	0.074	ug/L			06/23/25 22:19	1
Trichlorofluoromethane	1.0	U	1.0	0.32	ug/L			06/23/25 22:19	1
Vinyl chloride	1.0	U	1.0	0.40	ug/L			06/23/25 22:19	1
Xylenes, Total	2.0	U	2.0	0.65	ug/L			06/23/25 22:19	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/L			N/A		06/23/25 22:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	106		70 - 128		06/23/25 22:19	1
4-Bromofluorobenzene	91		76 - 120		06/23/25 22:19	1
Dibromofluoromethane (Surr)	94		77 - 132		06/23/25 22:19	1
Toluene-d8 (Surr)	98		80 - 120		06/23/25 22:19	1

Lab Sample ID: LCS 460-1045604/5

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	20.0	19.0		ug/L		95	72 - 128
1,1,2,2-Tetrachloroethane	20.0	19.9		ug/L		100	63 - 139
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	18.3		ug/L		91	65 - 142
1,1,2-Trichloroethane	20.0	20.5		ug/L		102	74 - 125
1,1-Dichloroethane	20.0	23.0		ug/L		115	73 - 130
1,1-Dichloroethene	20.0	19.6		ug/L		98	68 - 133
1,2,3-Trichlorobenzene	20.0	18.2		ug/L		91	55 - 150
1,2,4-Trichlorobenzene	20.0	17.6		ug/L		88	67 - 132
1,2,4-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125
1,2-Dibromo-3-Chloropropane	20.0	16.5		ug/L		82	58 - 132
1,2-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,2-Dichloroethane	20.0	22.3		ug/L		111	66 - 129
1,2-Dichloropropane	20.0	20.9		ug/L		105	72 - 128
1,3,5-Trimethylbenzene	20.0	20.7		ug/L		104	75 - 125
1,3-Dichlorobenzene	20.0	21.0		ug/L		105	80 - 120
1,4-Dichlorobenzene	20.0	20.8		ug/L		104	80 - 120
2-Butanone (MEK)	100	79.1		ug/L		79	65 - 142
2-Hexanone	100	108		ug/L		108	72 - 134
4-Methyl-2-pentanone (MIBK)	100	109		ug/L		109	77 - 130
Acetone	100	106		ug/L		106	60 - 133
Benzene	20.0	22.6		ug/L		113	71 - 126
Bromoform	20.0	19.1		ug/L		95	58 - 128

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045604/5

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	20.0	19.4		ug/L		97	33 - 150
Carbon disulfide	20.0	20.1		ug/L		101	35 - 150
Carbon tetrachloride	20.0	17.9		ug/L		90	65 - 131
Chlorobenzene	20.0	19.8		ug/L		99	80 - 120
Chlorobromomethane	20.0	17.3		ug/L		86	71 - 134
Chlorodibromomethane	20.0	19.5		ug/L		98	73 - 121
Chloroethane	20.0	21.0		ug/L		105	54 - 150
Chloroform	20.0	21.5		ug/L		108	78 - 125
Chloromethane	20.0	25.5		ug/L		127	43 - 149
cis-1,2-Dichloroethene	20.0	19.5		ug/L		97	78 - 121
cis-1,3-Dichloropropene	20.0	20.8		ug/L		104	74 - 125
Cyclohexane	20.0	18.4		ug/L		92	64 - 142
Dichlorobromomethane	20.0	20.4		ug/L		102	76 - 121
Dichlorodifluoromethane	20.0	19.0		ug/L		95	38 - 144
Ethylbenzene	20.0	19.7		ug/L		99	78 - 120
Ethylene Dibromide	20.0	18.3		ug/L		92	79 - 126
Isopropylbenzene	20.0	19.9		ug/L		99	79 - 125
Methyl acetate	40.0	60.1 *		ug/L		150	50 - 147
Methyl tert-butyl ether	20.0	19.1		ug/L		95	72 - 131
Methylcyclohexane	20.0	17.5		ug/L		87	63 - 138
Methylene Chloride	20.0	20.6		ug/L		103	74 - 127
m-Xylene & p-Xylene	20.0	19.0		ug/L		95	78 - 120
n-Butylbenzene	20.0	21.8		ug/L		109	69 - 135
N-Propylbenzene	20.0	22.2		ug/L		111	68 - 129
o-Xylene	20.0	20.0		ug/L		100	78 - 120
sec-Butylbenzene	20.0	20.9		ug/L		105	77 - 129
Styrene	20.0	20.1		ug/L		100	82 - 127
tert-Butylbenzene	20.0	20.0		ug/L		100	78 - 120
Tetrachloroethene	20.0	17.3		ug/L		87	70 - 127
Toluene	20.0	20.8		ug/L		104	78 - 120
trans-1,2-Dichloroethene	20.0	19.4		ug/L		97	70 - 126
trans-1,3-Dichloropropene	20.0	19.6		ug/L		98	71 - 127
Trichloroethene	20.0	19.6		ug/L		98	73 - 121
Trichlorofluoromethane	20.0	18.6		ug/L		93	62 - 134
Vinyl chloride	20.0	20.7		ug/L		104	55 - 144
Xylenes, Total	40.0	39.0		ug/L		97	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 128
4-Bromofluorobenzene	96		76 - 120
Dibromofluoromethane (Surr)	92		77 - 132
Toluene-d8 (Surr)	101		80 - 120

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045604/6

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	20.0	20.2		ug/L		101	72 - 128	6	30
1,1,2,2-Tetrachloroethane	20.0	20.2		ug/L		101	63 - 139	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	20.0	19.3		ug/L		97	65 - 142	6	30
1,1,2-Trichloroethane	20.0	20.9		ug/L		105	74 - 125	2	30
1,1-Dichloroethane	20.0	24.0		ug/L		120	73 - 130	4	30
1,1-Dichloroethene	20.0	20.6		ug/L		103	68 - 133	5	30
1,2,3-Trichlorobenzene	20.0	18.4		ug/L		92	55 - 150	1	30
1,2,4-Trichlorobenzene	20.0	18.8		ug/L		94	67 - 132	7	30
1,2,4-Trimethylbenzene	20.0	22.0		ug/L		110	75 - 125	3	30
1,2-Dibromo-3-Chloropropane	20.0	16.4		ug/L		82	58 - 132	0	30
1,2-Dichlorobenzene	20.0	20.7		ug/L		104	80 - 120	1	30
1,2-Dichloroethane	20.0	22.8		ug/L		114	66 - 129	2	30
1,2-Dichloropropane	20.0	21.6		ug/L		108	72 - 128	3	30
1,3,5-Trimethylbenzene	20.0	21.4		ug/L		107	75 - 125	3	30
1,3-Dichlorobenzene	20.0	21.2		ug/L		106	80 - 120	1	30
1,4-Dichlorobenzene	20.0	20.9		ug/L		104	80 - 120	0	30
2-Butanone (MEK)	100	84.2		ug/L		84	65 - 142	6	30
2-Hexanone	100	111		ug/L		111	72 - 134	3	30
4-Methyl-2-pentanone (MIBK)	100	113		ug/L		113	77 - 130	4	30
Acetone	100	112		ug/L		112	60 - 133	6	30
Benzene	20.0	23.8		ug/L		119	71 - 126	5	30
Bromoform	20.0	19.9		ug/L		100	58 - 128	4	30
Bromomethane	20.0	20.8		ug/L		104	33 - 150	7	30
Carbon disulfide	20.0	20.9		ug/L		104	35 - 150	4	30
Carbon tetrachloride	20.0	19.5		ug/L		98	65 - 131	9	30
Chlorobenzene	20.0	20.6		ug/L		103	80 - 120	4	30
Chlorobromomethane	20.0	17.9		ug/L		90	71 - 134	4	30
Chlorodibromomethane	20.0	20.2		ug/L		101	73 - 121	3	30
Chloroethane	20.0	22.5		ug/L		113	54 - 150	7	30
Chloroform	20.0	22.2		ug/L		111	78 - 125	3	30
Chloromethane	20.0	26.2		ug/L		131	43 - 149	3	30
cis-1,2-Dichloroethene	20.0	20.1		ug/L		100	78 - 121	3	30
cis-1,3-Dichloropropene	20.0	21.4		ug/L		107	74 - 125	2	30
Cyclohexane	20.0	19.6		ug/L		98	64 - 142	7	30
Dichlorobromomethane	20.0	21.3		ug/L		106	76 - 121	4	30
Dichlorodifluoromethane	20.0	20.9		ug/L		104	38 - 144	9	30
Ethylbenzene	20.0	20.5		ug/L		103	78 - 120	4	30
Ethylene Dibromide	20.0	19.0		ug/L		95	79 - 126	4	30
Isopropylbenzene	20.0	21.0		ug/L		105	79 - 125	5	30
Methyl acetate	40.0	61.9	*	ug/L		155	50 - 147	3	30
Methyl tert-butyl ether	20.0	19.9		ug/L		100	72 - 131	4	30
Methylcyclohexane	20.0	19.0		ug/L		95	63 - 138	9	30
Methylene Chloride	20.0	21.2		ug/L		106	74 - 127	3	30
m-Xylene & p-Xylene	20.0	20.7		ug/L		104	78 - 120	9	30
n-Butylbenzene	20.0	22.2		ug/L		111	69 - 135	2	30
N-Propylbenzene	20.0	22.9		ug/L		114	68 - 129	3	30
o-Xylene	20.0	20.5		ug/L		102	78 - 120	2	30
sec-Butylbenzene	20.0	21.3		ug/L		107	77 - 129	2	30

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045604/6

Matrix: Water

Analysis Batch: 1045604

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	20.0	20.6		ug/L		103	82 - 127	3	30
tert-Butylbenzene	20.0	20.4		ug/L		102	78 - 120	2	30
Tetrachloroethene	20.0	18.4		ug/L		92	70 - 127	6	30
Toluene	20.0	21.5		ug/L		108	78 - 120	4	30
trans-1,2-Dichloroethene	20.0	20.0		ug/L		100	70 - 126	3	30
trans-1,3-Dichloropropene	20.0	20.8		ug/L		104	71 - 127	6	30
Trichloroethene	20.0	20.8		ug/L		104	73 - 121	6	30
Trichlorofluoromethane	20.0	19.3		ug/L		97	62 - 134	4	30
Vinyl chloride	20.0	22.1		ug/L		110	55 - 144	6	30
Xylenes, Total	40.0	41.2		ug/L		103	80 - 120	5	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
1,2-Dichloroethane-d4 (Surr)	103		70 - 128
4-Bromofluorobenzene	95		76 - 120
Dibromofluoromethane (Surr)	92		77 - 132
Toluene-d8 (Surr)	100		80 - 120

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

GC/MS VOA

Analysis Batch: 1045604

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328593-1	TMW-1	Total/NA	Water	8260D	
460-328593-2	TMW-2	Total/NA	Water	8260D	
460-328593-3	TMW-3	Total/NA	Water	8260D	
460-328593-4	TMW-4	Total/NA	Water	8260D	
460-328593-5	TMW-5	Total/NA	Water	8260D	
460-328593-6	Trip Blank	Total/NA	Water	8260D	
MB 460-1045604/10	Method Blank	Total/NA	Water	8260D	
LCS 460-1045604/5	Lab Control Sample	Total/NA	Water	8260D	
LCSD 460-1045604/6	Lab Control Sample Dup	Total/NA	Water	8260D	

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Client Sample ID: TMW-1

Date Collected: 06/12/25 09:00

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/24/25 00:41

Client Sample ID: TMW-2

Date Collected: 06/12/25 12:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/24/25 01:01

Client Sample ID: TMW-3

Date Collected: 06/13/25 08:00

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/24/25 01:21

Client Sample ID: TMW-4

Date Collected: 06/13/25 12:45

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/24/25 02:01

Client Sample ID: TMW-5

Date Collected: 06/13/25 15:30

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-5

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/24/25 01:41

Client Sample ID: Trip Blank

Date Collected: 06/16/25 00:00

Date Received: 06/16/25 18:45

Lab Sample ID: 460-328593-6

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	8260D		1	1045604	VBP	EET EDI	06/23/25 23:20

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14
- 15

Method Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
5030C	Purge and Trap	SW846	EET EDI

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

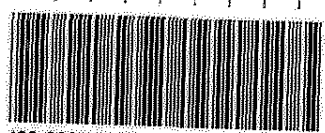
Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328593-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328593-1	TMW-1	Water	06/12/25 09:00	06/16/25 18:45
460-328593-2	TMW-2	Water	06/12/25 12:30	06/16/25 18:45
460-328593-3	TMW-3	Water	06/13/25 08:00	06/16/25 18:45
460-328593-4	TMW-4	Water	06/13/25 12:45	06/16/25 18:45
460-328593-5	TMW-5	Water	06/13/25 15:30	06/16/25 18:45
460-328593-6	Trip Blank	Water	06/16/25 00:00	06/16/25 18:45

Environment Testin_

Address. _____

Regulatory Program						☐ DW	☐ NPDES	☐ RCRA	☐ Other	TAL-3210
Client Contact		Project Manager: Rich F.		Site Contact: Leif R.		Date: 6/12/25		COC No:		
Company Name: G&E Consultants		Tel/Email: rfascian@gconsultants.com		Lab Contact: Katelyn C.		Carrier:		1 of 1 COCs		
Address: 1000 New York Avenue		Analysis Turnaround Time						Sampler:		
City/State/Zip: Hunting Station		☐ CALENDAR DAYS ☐ WORKING DAYS						For Lab Use Only:		
Phone:		TAT if different from Below: Standard						Walk-in Client:		
Fax:		☐ 2 weeks						Lab Sampling:		
Project Name: 20+40 Trussuck m		☐ 1 week								
Site:		☐ 2 days						Job / SDG No.:		
P.O.#: 2503398		☐ 1 day								
Sample Identification		Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes	
TMW 1		6/12	900	G	GW	3	Y	X		
TMW 2		6/12	1230	G	GW	3	X	X		
TMW-3		6/13	800	G	GW	3	X	X		
TMW-4		6/13	1245	G	GW	3	X	X		
TMW-5		6/13	1530	G	GW	5	X	X		
							 460-328593 Chain of Custody			
Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other										
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample. ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) ☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months			
Special Instructions/QC Requirements & Comments:										
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.:		Cooler Temp. (°C): Obs'd:		Corr'd:		Therm ID No.:		
Relinquished by: [Signature]		Company: G&E		Date/Time:		Received by: [Signature]		Date/Time: 06-16-25 1100AM ETA		
Relinquished by: [Signature]		Company: ETA		Date/Time:		Received by:		Date/Time:		
Relinquished by: [Signature]		Company: EET		Date/Time: 6/16/25 1845		Received in Laboratory by: Adela R		Date/Time: 6/16/25 18.45		
NO CS IR#q 0.3-07 / 09-13 h lnd 6/17/25 1410										

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6/26/2025

Age Group	Number of People
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15

Page ____ of ____

Number of Coolers: 2 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	6.3 °C	6.7 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	0.9 °C	1.3 °C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

[illegible]

Date: 6/16/25

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-328593-1

Login Number: 328593

List Source: Eurofins Edison

List Number: 1

Creator: Thundathorn, Sukanan 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

Attn: Rich Fasciani
GEI Consultants Inc
1000 New York Avenue
Huntington Station, New York 11746

Generated 6/26/2025 6:43:43 PM

JOB DESCRIPTION

20/40 Jerusalem Avenue

JOB NUMBER

460-328835-1

Eurofins Edison

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



Generated
6/26/2025 6:43:43 PM

Authorized for release by
Katelyn Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Indicates an estimated value.
U	Analyzed for but not detected.

GC/MS VOA TICs

Qualifier	Qualifier Description
J	Indicates an estimated value.
N	This flag indicates the presumptive evidence of a compound.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Metals

Qualifier	Qualifier Description
J	Sample result is greater than the MDL but below the CRDL
U	Indicates analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Eurofins Edison

Case Narrative

Client: GEI Consultants Inc
Project: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Job ID: 460-328835-1

Eurofins Edison

Job Narrative 460-328835-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/18/2025 7:10 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.2°C.

GC/MS VOA

Method 8260D: The continuing calibration verification (CCV) analyzed in batch 460-1045423 was outside the method criteria for the following analytes: 1,2,4-Trichlorobenzene, n-Butylbenzene, sec-Butylbenzene and tert-Butylbenzene. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1045389 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

Method 8270E: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 460-1045291 and analytical batch 460-1045389 recovered outside control limits for the following analytes: Atrazine, Benzaldehyde and Caprolactam. These analytes were biased high in the LCS/LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) analyzed in batch 460-1045487 was outside the method criteria for the following analyte(s): Benzaldehyde. A CCV standard at or below the reporting limit (RL) was analyzed with the affected samples and found to be acceptable. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analyte(s) is considered estimated.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Lab Sample ID: 460-328835-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0070		0.0061	0.0058	mg/Kg	1	✱		8260D	Total/NA
Tetrachloroethene	0.00097	J	0.0010	0.00031	mg/Kg	1	✱		8260D	Total/NA
Toluene	0.00057	J	0.0010	0.00024	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.023	J	0.36	0.010	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	0.029	J	0.36	0.010	mg/Kg	1	✱		8270E	Total/NA
Acenaphthylene	0.018	J	0.36	0.010	mg/Kg	1	✱		8270E	Total/NA
Anthracene	0.089	J	0.36	0.011	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	0.71		0.036	0.027	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	0.99		0.036	0.0097	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	1.5		0.036	0.0094	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	0.68		0.36	0.011	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	0.52		0.036	0.0072	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.060	J	0.36	0.014	mg/Kg	1	✱		8270E	Total/NA
Chrysene	0.93		0.36	0.015	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.19		0.036	0.016	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.013	J	0.36	0.012	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	1.7		0.36	0.013	mg/Kg	1	✱		8270E	Total/NA
Fluorene	0.018	J	0.36	0.011	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	0.75		0.036	0.014	mg/Kg	1	✱		8270E	Total/NA
Naphthalene	0.031	J	0.36	0.0063	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.50		0.36	0.015	mg/Kg	1	✱		8270E	Total/NA
Pyrene	1.3		0.36	0.0091	mg/Kg	1	✱		8270E	Total/NA
Aluminum	5500		20.3	5.6	mg/Kg	1	✱		6020B	Total/NA
Antimony	0.15	J	1.0	0.15	mg/Kg	1	✱		6020B	Total/NA
Arsenic	4.0		1.0	0.10	mg/Kg	1	✱		6020B	Total/NA
Barium	41.5		2.0	0.15	mg/Kg	1	✱		6020B	Total/NA
Beryllium	0.24	J	0.41	0.022	mg/Kg	1	✱		6020B	Total/NA
Cadmium	0.25	J	1.0	0.11	mg/Kg	1	✱		6020B	Total/NA
Calcium	60600		101	9.9	mg/Kg	1	✱		6020B	Total/NA
Chromium	10.2		2.0	0.30	mg/Kg	1	✱		6020B	Total/NA
Cobalt	2.4		2.0	0.15	mg/Kg	1	✱		6020B	Total/NA
Copper	17.6		2.0	0.37	mg/Kg	1	✱		6020B	Total/NA
Iron	9470		60.8	7.8	mg/Kg	1	✱		6020B	Total/NA
Lead	155		0.61	0.20	mg/Kg	1	✱		6020B	Total/NA
Magnesium	29600		101	10.3	mg/Kg	1	✱		6020B	Total/NA
Manganese	126		4.1	0.41	mg/Kg	1	✱		6020B	Total/NA
Nickel	5.7		2.0	0.18	mg/Kg	1	✱		6020B	Total/NA
Potassium	387		101	16.4	mg/Kg	1	✱		6020B	Total/NA
Selenium	0.31	J	1.3	0.13	mg/Kg	1	✱		6020B	Total/NA
Silver	0.65		0.41	0.090	mg/Kg	1	✱		6020B	Total/NA
Sodium	176		101	46.3	mg/Kg	1	✱		6020B	Total/NA
Thallium	0.071	J	0.41	0.042	mg/Kg	1	✱		6020B	Total/NA
Vanadium	18.5		2.0	0.21	mg/Kg	1	✱		6020B	Total/NA
Zinc	86.7		8.1	1.1	mg/Kg	1	✱		6020B	Total/NA
Mercury	0.20		0.018	0.0087	mg/Kg	1	✱		7471B	Total/NA

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Tetrachloroethene	0.00045	J	0.00097	0.00030	mg/Kg	1	✱		8260D	Total/NA
Xylenes, Total	0.00021	J	0.0019	0.00017	mg/Kg	1	✱		8260D	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-5 (0-2) (Continued)

Lab Sample ID: 460-328835-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Benzo[a]pyrene	0.012	J	0.036	0.0097	mg/Kg	1	✱	8270E	Total/NA
Benzo[b]fluoranthene	0.022	J	0.036	0.0094	mg/Kg	1	✱	8270E	Total/NA
Benzo[g,h,i]perylene	0.013	J	0.36	0.011	mg/Kg	1	✱	8270E	Total/NA
Benzo[k]fluoranthene	0.0094	J	0.036	0.0071	mg/Kg	1	✱	8270E	Total/NA
Chrysene	0.015	J	0.36	0.015	mg/Kg	1	✱	8270E	Total/NA
Fluoranthene	0.032	J	0.36	0.013	mg/Kg	1	✱	8270E	Total/NA
Pyrene	0.023	J	0.36	0.0090	mg/Kg	1	✱	8270E	Total/NA
Aluminum	9060		19.5	5.4	mg/Kg	1	✱	6020B	Total/NA
Arsenic	3.3		0.98	0.10	mg/Kg	1	✱	6020B	Total/NA
Barium	24.7		2.0	0.14	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.25	J	0.39	0.021	mg/Kg	1	✱	6020B	Total/NA
Calcium	4430		97.6	9.5	mg/Kg	1	✱	6020B	Total/NA
Chromium	9.3		2.0	0.29	mg/Kg	1	✱	6020B	Total/NA
Cobalt	2.7		2.0	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	7.6		2.0	0.36	mg/Kg	1	✱	6020B	Total/NA
Iron	10100		58.5	7.5	mg/Kg	1	✱	6020B	Total/NA
Lead	42.6		0.59	0.20	mg/Kg	1	✱	6020B	Total/NA
Magnesium	3370		97.6	10	mg/Kg	1	✱	6020B	Total/NA
Manganese	79.7		3.9	0.39	mg/Kg	1	✱	6020B	Total/NA
Nickel	5.3		2.0	0.17	mg/Kg	1	✱	6020B	Total/NA
Potassium	364		97.6	15.8	mg/Kg	1	✱	6020B	Total/NA
Selenium	0.45	J	1.2	0.12	mg/Kg	1	✱	6020B	Total/NA
Sodium	72.5	J	97.6	44.6	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.080	J	0.39	0.040	mg/Kg	1	✱	6020B	Total/NA
Vanadium	17.6		2.0	0.20	mg/Kg	1	✱	6020B	Total/NA
Zinc	38.2		7.8	1.1	mg/Kg	1	✱	6020B	Total/NA
Mercury	0.022		0.019	0.0088	mg/Kg	1	✱	7471B	Total/NA

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	0.0057		0.0057	0.0054	mg/Kg	1	✱	8260D	Total/NA
Aluminum	2550		18.6	5.1	mg/Kg	1	✱	6020B	Total/NA
Arsenic	1.1		0.93	0.096	mg/Kg	1	✱	6020B	Total/NA
Barium	7.6		1.9	0.13	mg/Kg	1	✱	6020B	Total/NA
Beryllium	0.23	J	0.37	0.020	mg/Kg	1	✱	6020B	Total/NA
Calcium	264		93.0	9.1	mg/Kg	1	✱	6020B	Total/NA
Chromium	4.2		1.9	0.28	mg/Kg	1	✱	6020B	Total/NA
Cobalt	1.5	J	1.9	0.14	mg/Kg	1	✱	6020B	Total/NA
Copper	3.0		1.9	0.34	mg/Kg	1	✱	6020B	Total/NA
Iron	6910		55.8	7.1	mg/Kg	1	✱	6020B	Total/NA
Lead	5.4		0.56	0.19	mg/Kg	1	✱	6020B	Total/NA
Magnesium	776		93.0	9.5	mg/Kg	1	✱	6020B	Total/NA
Manganese	55.7		3.7	0.37	mg/Kg	1	✱	6020B	Total/NA
Nickel	2.5		1.9	0.16	mg/Kg	1	✱	6020B	Total/NA
Potassium	456		93.0	15.1	mg/Kg	1	✱	6020B	Total/NA
Sodium	50.2	J	93.0	42.5	mg/Kg	1	✱	6020B	Total/NA
Thallium	0.043	J	0.37	0.038	mg/Kg	1	✱	6020B	Total/NA
Vanadium	4.1		1.9	0.19	mg/Kg	1	✱	6020B	Total/NA
Zinc	10.8		7.4	1.0	mg/Kg	1	✱	6020B	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-7 (0-2)

Lab Sample ID: 460-328835-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil	Fac	D	Method	Prep Type
Acetone	0.0057	J	0.0060	0.0057	mg/Kg	1	✱		8260D	Total/NA
Tetrachloroethene	0.0039		0.00099	0.00030	mg/Kg	1	✱		8260D	Total/NA
Toluene	0.00030	J	0.00099	0.00023	mg/Kg	1	✱		8260D	Total/NA
2-Methylnaphthalene	0.028	J	0.34	0.0096	mg/Kg	1	✱		8270E	Total/NA
Acenaphthene	0.032	J	0.34	0.0098	mg/Kg	1	✱		8270E	Total/NA
Acenaphthylene	0.25	J	0.34	0.0098	mg/Kg	1	✱		8270E	Total/NA
Anthracene	0.19	J	0.34	0.010	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]anthracene	1.6		0.034	0.026	mg/Kg	1	✱		8270E	Total/NA
Benzo[a]pyrene	2.1		0.034	0.0091	mg/Kg	1	✱		8270E	Total/NA
Benzo[b]fluoranthene	2.7		0.034	0.0089	mg/Kg	1	✱		8270E	Total/NA
Benzo[g,h,i]perylene	1.5		0.34	0.010	mg/Kg	1	✱		8270E	Total/NA
Benzo[k]fluoranthene	1.0		0.034	0.0067	mg/Kg	1	✱		8270E	Total/NA
Carbazole	0.079	J	0.34	0.013	mg/Kg	1	✱		8270E	Total/NA
Chrysene	1.8		0.34	0.014	mg/Kg	1	✱		8270E	Total/NA
Dibenz(a,h)anthracene	0.41		0.034	0.015	mg/Kg	1	✱		8270E	Total/NA
Dibenzofuran	0.027	J	0.34	0.011	mg/Kg	1	✱		8270E	Total/NA
Fluoranthene	2.7		0.34	0.012	mg/Kg	1	✱		8270E	Total/NA
Fluorene	0.038	J	0.34	0.010	mg/Kg	1	✱		8270E	Total/NA
Indeno[1,2,3-cd]pyrene	1.6		0.034	0.013	mg/Kg	1	✱		8270E	Total/NA
Naphthalene	0.077	J	0.34	0.0059	mg/Kg	1	✱		8270E	Total/NA
Phenanthrene	0.66		0.34	0.014	mg/Kg	1	✱		8270E	Total/NA
Pyrene	2.4		0.34	0.0085	mg/Kg	1	✱		8270E	Total/NA
Aluminum	4150		19.1	5.2	mg/Kg	1	✱		6020B	Total/NA
Antimony	0.15	J	0.96	0.14	mg/Kg	1	✱		6020B	Total/NA
Arsenic	3.1		0.96	0.098	mg/Kg	1	✱		6020B	Total/NA
Barium	26.7		1.9	0.14	mg/Kg	1	✱		6020B	Total/NA
Beryllium	0.18	J	0.38	0.021	mg/Kg	1	✱		6020B	Total/NA
Cadmium	0.20	J	0.96	0.11	mg/Kg	1	✱		6020B	Total/NA
Calcium	3230		95.5	9.3	mg/Kg	1	✱		6020B	Total/NA
Chromium	6.6		1.9	0.28	mg/Kg	1	✱		6020B	Total/NA
Cobalt	1.9		1.9	0.14	mg/Kg	1	✱		6020B	Total/NA
Copper	14.4		1.9	0.35	mg/Kg	1	✱		6020B	Total/NA
Iron	5760		57.3	7.3	mg/Kg	1	✱		6020B	Total/NA
Lead	90.3		0.57	0.19	mg/Kg	1	✱		6020B	Total/NA
Magnesium	2050		95.5	9.7	mg/Kg	1	✱		6020B	Total/NA
Manganese	81.3		3.8	0.39	mg/Kg	1	✱		6020B	Total/NA
Nickel	4.1		1.9	0.17	mg/Kg	1	✱		6020B	Total/NA
Potassium	258		95.5	15.5	mg/Kg	1	✱		6020B	Total/NA
Selenium	0.21	J	1.2	0.12	mg/Kg	1	✱		6020B	Total/NA
Silver	0.094	J	0.38	0.085	mg/Kg	1	✱		6020B	Total/NA
Sodium	79.9	J	95.5	43.7	mg/Kg	1	✱		6020B	Total/NA
Thallium	0.057	J	0.38	0.039	mg/Kg	1	✱		6020B	Total/NA
Vanadium	8.6		1.9	0.20	mg/Kg	1	✱		6020B	Total/NA
Zinc	81.6		7.6	1.0	mg/Kg	1	✱		6020B	Total/NA
Mercury	0.084		0.017	0.0082	mg/Kg	1	✱		7471B	Total/NA

This Detection Summary does not include radiochemical test results.

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Lab Sample ID: 460-328835-1

Date Collected: 06/16/25 09:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00024	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00031	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00075	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00047	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00032	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
2-Butanone (MEK)	0.0051	U	0.0051	0.00038	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
2-Hexanone	0.0051	U	0.0051	0.0017	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
4-Methyl-2-pentanone (MIBK)	0.0051	U	0.0051	0.0016	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Acetone	0.0070		0.0061	0.0058	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Benzene	0.0010	U	0.0010	0.00058	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Carbon tetrachloride	0.0010	U	0.0010	0.00040	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chlorobromomethane	0.0010	U	0.0010	0.00061	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chlorodibromomethane	0.0010	U	0.0010	0.00055	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chloroethane	0.0010	U	0.0010	0.00053	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chloroform	0.0010	U	0.0010	0.00099	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00037	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00028	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Cyclohexane	0.0010	U	0.0010	0.00023	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00035	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Ethylbenzene	0.0010	U	0.0010	0.00048	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Ethylene Dibromide	0.0010	U	0.0010	0.00052	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Methyl acetate	0.0051	U	0.0051	0.0044	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00052	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Methylcyclohexane	0.0010	U	0.0010	0.00051	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Methylene Chloride	0.0020	U	0.0020	0.0012	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00043	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
n-Butylbenzene	0.0010	U	0.0010	0.00030	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
N-Propylbenzene	0.0010	U	0.0010	0.00046	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
o-Xylene	0.0010	U	0.0010	0.00047	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg	☆	06/20/25 14:27	06/23/25 02:37	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Lab Sample ID: 460-328835-1

Date Collected: 06/16/25 09:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.5

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Tetrachloroethene	0.00097	J	0.0010	0.00031	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Toluene	0.00057	J	0.0010	0.00024	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Trichloroethene	0.0010	U	0.0010	0.00033	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Vinyl chloride	0.0010	U	0.0010	0.00056	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1
Xylenes, Total	0.0020	U	0.0020	0.00018	mg/Kg	☼	06/20/25 14:27	06/23/25 02:37	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentane, 2-methyl-	5.6	J N	ug/Kg	☼	2.95	107-83-5	06/20/25 14:27	06/23/25 02:37	1
Unknown	7.1	J	ug/Kg	☼	7.67	N/A	06/20/25 14:27	06/23/25 02:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		65 - 138	06/20/25 14:27	06/23/25 02:37	1
4-Bromofluorobenzene	100		71 - 128	06/20/25 14:27	06/23/25 02:37	1
Dibromofluoromethane (Surr)	99		50 - 150	06/20/25 14:27	06/23/25 02:37	1
Toluene-d8 (Surr)	91		71 - 126	06/20/25 14:27	06/23/25 02:37	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4-Dimethylphenol	0.36	U	0.36	0.044	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,4-Dinitrotoluene	0.074	U	0.074	0.039	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2,6-Dinitrotoluene	0.074	U	0.074	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Methylnaphthalene	0.023	J	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
2-Nitrophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
3-Nitroaniline	0.36	U	0.36	0.087	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Chloroaniline	0.36	U	0.36	0.065	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1
4-Nitroaniline	0.36	U	0.36	0.093	mg/Kg	☼	06/21/25 11:49	06/23/25 15:05	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Lab Sample ID: 460-328835-1

Date Collected: 06/16/25 09:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.5

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	0.74	U	0.74	0.059	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Acenaphthene	0.029	J	0.36	0.010	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Acenaphthylene	0.018	J	0.36	0.010	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Anthracene	0.089	J	0.36	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzo[a]anthracene	0.71		0.036	0.027	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzo[a]pyrene	0.99		0.036	0.0097	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzo[b]fluoranthene	1.5		0.036	0.0094	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzo[g,h,i]perylene	0.68		0.36	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Benzo[k]fluoranthene	0.52		0.036	0.0072	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Caprolactam	0.36	U *	0.36	0.057	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Carbazole	0.060	J	0.36	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Chrysene	0.93		0.36	0.015	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Dibenz(a,h)anthracene	0.19		0.036	0.016	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Dibenzofuran	0.013	J	0.36	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Dimethyl phthalate	0.36	U	0.36	0.083	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Fluoranthene	1.7		0.36	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Fluorene	0.018	J	0.36	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Hexachlorobutadiene	0.074	U	0.074	0.0078	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Hexachloroethane	0.036	U	0.036	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Indeno[1,2,3-cd]pyrene	0.75		0.036	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Isophorone	0.15	U	0.15	0.11	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Naphthalene	0.031	J	0.36	0.0063	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.027	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Pentachlorophenol	0.29	U	0.29	0.075	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Phenanthrene	0.50		0.36	0.015	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Pyrene	1.3		0.36	0.0091	mg/Kg	☆	06/21/25 11:49	06/23/25 15:05	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		18 - 137				06/21/25 11:49	06/23/25 15:05	1
2-Fluorobiphenyl	82		33 - 117				06/21/25 11:49	06/23/25 15:05	1
2-Fluorophenol (Surr)	75		24 - 120				06/21/25 11:49	06/23/25 15:05	1
Nitrobenzene-d5 (Surr)	73		27 - 120				06/21/25 11:49	06/23/25 15:05	1
Phenol-d5 (Surr)	74		28 - 118				06/21/25 11:49	06/23/25 15:05	1
Terphenyl-d14 (Surr)	75		33 - 124				06/21/25 11:49	06/23/25 15:05	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Lab Sample ID: 460-328835-1

Date Collected: 06/16/25 09:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.5

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	5500		20.3	5.6	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Antimony	0.15	J	1.0	0.15	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Arsenic	4.0		1.0	0.10	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Barium	41.5		2.0	0.15	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Beryllium	0.24	J	0.41	0.022	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Cadmium	0.25	J	1.0	0.11	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Calcium	60600		101	9.9	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Chromium	10.2		2.0	0.30	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Cobalt	2.4		2.0	0.15	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Copper	17.6		2.0	0.37	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Iron	9470		60.8	7.8	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Lead	155		0.61	0.20	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Magnesium	29600		101	10.3	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Manganese	126		4.1	0.41	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Nickel	5.7		2.0	0.18	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Potassium	387		101	16.4	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Selenium	0.31	J	1.3	0.13	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Silver	0.65		0.41	0.090	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Sodium	176		101	46.3	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Thallium	0.071	J	0.41	0.042	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Vanadium	18.5		2.0	0.21	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1
Zinc	86.7		8.1	1.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:10	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.20		0.018	0.0087	mg/Kg	☆	06/25/25 02:38	06/25/25 15:39	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.5		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	90.5		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Date Collected: 06/16/25 09:15

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00097	U	0.00097	0.00023	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,1,2,2-Tetrachloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,1,2-Trichloroethane	0.00097	U	0.00097	0.00059	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,1-Dichloroethane	0.00097	U	0.00097	0.00058	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,1-Dichloroethene	0.00097	U	0.00097	0.00022	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2,3-Trichlorobenzene	0.00097	U	0.00097	0.00072	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2,4-Trichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2,4-Trimethylbenzene	0.00097	U	0.00097	0.00024	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2-Dibromo-3-Chloropropane	0.00097	U	0.00097	0.00045	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2-Dichlorobenzene	0.00097	U	0.00097	0.00035	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1
1,2-Dichloroethane	0.00097	U	0.00097	0.00029	mg/Kg	☆	06/20/25 14:27	06/23/25 08:40	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Date Collected: 06/16/25 09:15

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichloropropane	0.00097	U	0.00097	0.00041	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
1,3,5-Trimethylbenzene	0.00097	U	0.00097	0.00031	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
1,3-Dichlorobenzene	0.00097	U	0.00097	0.00036	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
1,4-Dichlorobenzene	0.00097	U	0.00097	0.00051	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
2-Butanone (MEK)	0.0049	U	0.0049	0.00036	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
2-Hexanone	0.0049	U	0.0049	0.0017	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
4-Methyl-2-pentanone (MIBK)	0.0049	U	0.0049	0.0015	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Acetone	0.0058	U	0.0058	0.0056	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Benzene	0.00097	U	0.00097	0.00055	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Bromoform	0.00097	U	0.00097	0.00041	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Bromomethane	0.0019	U	0.0019	0.00097	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Carbon disulfide	0.00097	U	0.00097	0.00026	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Carbon tetrachloride	0.00097	U	0.00097	0.00038	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chlorobenzene	0.00097	U	0.00097	0.00049	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chlorobromomethane	0.00097	U	0.00097	0.00058	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chlorodibromomethane	0.00097	U	0.00097	0.00052	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chloroethane	0.00097	U	0.00097	0.00051	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chloroform	0.00097	U	0.00097	0.00095	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Chloromethane	0.00097	U	0.00097	0.00042	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
cis-1,2-Dichloroethene	0.00097	U	0.00097	0.00035	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
cis-1,3-Dichloropropene	0.00097	U	0.00097	0.00027	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Cyclohexane	0.00097	U	0.00097	0.00022	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Dichlorobromomethane	0.00097	U	0.00097	0.00025	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Dichlorodifluoromethane	0.00097	U	0.00097	0.00033	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Ethylbenzene	0.00097	U	0.00097	0.00046	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Ethylene Dibromide	0.00097	U	0.00097	0.00049	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Isopropylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Methyl acetate	0.0049	U	0.0049	0.0042	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Methyl tert-butyl ether	0.00097	U	0.00097	0.00050	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Methylcyclohexane	0.00097	U	0.00097	0.00049	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
m-Xylene & p-Xylene	0.00097	U	0.00097	0.00041	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
n-Butylbenzene	0.00097	U	0.00097	0.00029	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
N-Propylbenzene	0.00097	U	0.00097	0.00044	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
o-Xylene	0.00097	U	0.00097	0.00045	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
sec-Butylbenzene	0.00097	U	0.00097	0.00028	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Styrene	0.00097	U	0.00097	0.00027	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
tert-Butylbenzene	0.00097	U	0.00097	0.00027	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Tetrachloroethene	0.00045	J	0.00097	0.00030	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Toluene	0.00097	U	0.00097	0.00023	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
trans-1,2-Dichloroethene	0.00097	U	0.00097	0.00024	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
trans-1,3-Dichloropropene	0.00097	U	0.00097	0.00026	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Trichloroethene	0.00097	U	0.00097	0.00031	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Trichlorofluoromethane	0.00097	U	0.00097	0.00040	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Vinyl chloride	0.00097	U	0.00097	0.00053	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1
Xylenes, Total	0.00021	J	0.0019	0.00017	mg/Kg	☼	06/20/25 14:27	06/23/25 08:40	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	6.6	J	ug/Kg	☼	2.45	N/A	06/20/25 14:27	06/23/25 08:40	1
Unknown	6.2	J	ug/Kg	☼	2.95	N/A	06/20/25 14:27	06/23/25 08:40	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Date Collected: 06/16/25 09:15

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Unknown	5.0	J	ug/Kg	☼	7.66	N/A	06/20/25 14:27	06/23/25 08:40	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		65 - 138				06/20/25 14:27	06/23/25 08:40	1
4-Bromofluorobenzene	100		71 - 128				06/20/25 14:27	06/23/25 08:40	1
Dibromofluoromethane (Surr)	97		50 - 150				06/20/25 14:27	06/23/25 08:40	1
Toluene-d8 (Surr)	91		71 - 126				06/20/25 14:27	06/23/25 08:40	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
1,2,4,5-Tetrachlorobenzene	0.36	U	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
1,4-Dioxane	0.036	U	0.036	0.032	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,2'-oxybis[1-chloropropane]	0.36	U	0.36	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,3,4,6-Tetrachlorophenol	0.36	U	0.36	0.025	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4,5-Trichlorophenol	0.36	U	0.36	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4,6-Trichlorophenol	0.15	U	0.15	0.047	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4-Dichlorophenol	0.15	U	0.15	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4-Dimethylphenol	0.36	U	0.36	0.043	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4-Dinitrophenol	0.29	U	0.29	0.18	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,4-Dinitrotoluene	0.073	U	0.073	0.039	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2,6-Dinitrotoluene	0.073	U	0.073	0.026	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Chloronaphthalene	0.36	U	0.36	0.047	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Chlorophenol	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Methylnaphthalene	0.36	U	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Methylphenol	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Nitroaniline	0.36	U	0.36	0.028	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
2-Nitrophenol	0.36	U	0.36	0.036	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
3 & 4 Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
3,3'-Dichlorobenzidine	0.15	U	0.15	0.055	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
3-Nitroaniline	0.36	U	0.36	0.086	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4,6-Dinitro-2-methylphenol	0.29	U	0.29	0.15	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Bromophenyl phenyl ether	0.36	U	0.36	0.014	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Chloro-3-methylphenol	0.36	U	0.36	0.020	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Chloroaniline	0.36	U	0.36	0.064	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Chlorophenyl phenyl ether	0.36	U	0.36	0.013	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Methylphenol	0.36	U	0.36	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Nitroaniline	0.36	U	0.36	0.092	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
4-Nitrophenol	0.73	U	0.73	0.059	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Acenaphthene	0.36	U	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Acenaphthylene	0.36	U	0.36	0.010	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Acetophenone	0.36	U	0.36	0.018	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Anthracene	0.36	U	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Atrazine	0.15	U *	0.15	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Benzaldehyde	0.36	U *	0.36	0.060	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Benzo[a]anthracene	0.036	U	0.036	0.027	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Benzo[a]pyrene	0.012	J	0.036	0.0097	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Benzo[b]fluoranthene	0.022	J	0.036	0.0094	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1
Benzo[g,h,i]perylene	0.013	J	0.36	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 13:54	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Date Collected: 06/16/25 09:15

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[k]fluoranthene	0.0094	J	0.036	0.0071	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Bis(2-chloroethoxy)methane	0.36	U	0.36	0.067	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Bis(2-chloroethyl)ether	0.036	U	0.036	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Bis(2-ethylhexyl) phthalate	0.36	U	0.36	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Butyl benzyl phthalate	0.36	U	0.36	0.017	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Caprolactam	0.36	U *	0.36	0.056	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Carbazole	0.36	U	0.36	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Chrysene	0.015	J	0.36	0.015	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Dibenz(a,h)anthracene	0.036	U	0.036	0.016	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Dibenzofuran	0.36	U	0.36	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Diethyl phthalate	0.36	U	0.36	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Dimethyl phthalate	0.36	U	0.36	0.082	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Di-n-butyl phthalate	0.36	U	0.36	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Di-n-octyl phthalate	0.36	U	0.36	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Fluoranthene	0.032	J	0.36	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Fluorene	0.36	U	0.36	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Hexachlorobenzene	0.036	U	0.036	0.017	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Hexachlorobutadiene	0.073	U	0.073	0.0077	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Hexachlorocyclopentadiene	0.36	U	0.36	0.032	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Hexachloroethane	0.036	U	0.036	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Indeno[1,2,3-cd]pyrene	0.036	U	0.036	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Isophorone	0.15	U	0.15	0.10	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Naphthalene	0.36	U	0.36	0.0063	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Nitrobenzene	0.036	U	0.036	0.020	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
N-Nitrosodi-n-propylamine	0.036	U	0.036	0.026	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
N-Nitrosodiphenylamine	0.36	U	0.36	0.030	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Pentachlorophenol	0.29	U	0.29	0.074	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Phenanthrene	0.36	U	0.36	0.015	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Phenol	0.36	U	0.36	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1
Pyrene	0.023	J	0.36	0.0090	mg/Kg	☆	06/21/25 11:49	06/23/25 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	73		18 - 137	06/21/25 11:49	06/23/25 13:54	1
2-Fluorobiphenyl	75		33 - 117	06/21/25 11:49	06/23/25 13:54	1
2-Fluorophenol (Surr)	70		24 - 120	06/21/25 11:49	06/23/25 13:54	1
Nitrobenzene-d5 (Surr)	66		27 - 120	06/21/25 11:49	06/23/25 13:54	1
Phenol-d5 (Surr)	70		28 - 118	06/21/25 11:49	06/23/25 13:54	1
Terphenyl-d14 (Surr)	65		33 - 124	06/21/25 11:49	06/23/25 13:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	9060		19.5	5.4	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Antimony	0.98	U	0.98	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Arsenic	3.3		0.98	0.10	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Barium	24.7		2.0	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Beryllium	0.25	J	0.39	0.021	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Cadmium	0.98	U	0.98	0.11	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Calcium	4430		97.6	9.5	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Chromium	9.3		2.0	0.29	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Cobalt	2.7		2.0	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-5 (0-2)

Lab Sample ID: 460-328835-2

Date Collected: 06/16/25 09:15

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 90.7

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Copper	7.6		2.0	0.36	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Iron	10100		58.5	7.5	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Lead	42.6		0.59	0.20	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Magnesium	3370		97.6	10	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Manganese	79.7		3.9	0.39	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Nickel	5.3		2.0	0.17	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Potassium	364		97.6	15.8	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Selenium	0.45 J		1.2	0.12	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Silver	0.39 U		0.39	0.087	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Sodium	72.5 J		97.6	44.6	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Thallium	0.080 J		0.39	0.040	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Vanadium	17.6		2.0	0.20	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1
Zinc	38.2		7.8	1.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:12	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.022		0.019	0.0088	mg/Kg	☆	06/25/25 02:38	06/25/25 15:42	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	9.3		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	90.7		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Date Collected: 06/16/25 09:40

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00095	U	0.00095	0.00022	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,1,2,2-Tetrachloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00095	U	0.00095	0.00029	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,1,2-Trichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,1-Dichloroethane	0.00095	U	0.00095	0.00057	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,1-Dichloroethene	0.00095	U	0.00095	0.00021	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2,3-Trichlorobenzene	0.00095	U	0.00095	0.00070	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2,4-Trichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2,4-Trimethylbenzene	0.00095	U	0.00095	0.00023	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2-Dibromo-3-Chloropropane	0.00095	U	0.00095	0.00044	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2-Dichlorobenzene	0.00095	U	0.00095	0.00034	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2-Dichloroethane	0.00095	U	0.00095	0.00028	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,2-Dichloropropane	0.00095	U	0.00095	0.00040	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,3,5-Trimethylbenzene	0.00095	U	0.00095	0.00030	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,3-Dichlorobenzene	0.00095	U	0.00095	0.00035	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
1,4-Dichlorobenzene	0.00095	U	0.00095	0.00049	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
2-Butanone (MEK)	0.0047	U	0.0047	0.00035	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
2-Hexanone	0.0047	U	0.0047	0.0016	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
4-Methyl-2-pentanone (MIBK)	0.0047	U	0.0047	0.0015	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
Acetone	0.0057		0.0057	0.0054	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1
Benzene	0.00095	U	0.00095	0.00054	mg/Kg	☆	06/20/25 14:28	06/23/25 09:04	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Date Collected: 06/16/25 09:40

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 98.6

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bromoform	0.00095	U	0.00095	0.00040	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Bromomethane	0.0019	U	0.0019	0.00095	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Carbon disulfide	0.00095	U	0.00095	0.00025	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Carbon tetrachloride	0.00095	U	0.00095	0.00037	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chlorobenzene	0.00095	U	0.00095	0.00048	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chlorobromomethane	0.00095	U	0.00095	0.00057	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chlorodibromomethane	0.00095	U	0.00095	0.00051	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chloroethane	0.00095	U	0.00095	0.00050	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chloroform	0.00095	U	0.00095	0.00092	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Chloromethane	0.00095	U	0.00095	0.00041	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
cis-1,2-Dichloroethene	0.00095	U	0.00095	0.00034	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
cis-1,3-Dichloropropene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Cyclohexane	0.00095	U	0.00095	0.00021	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Dichlorobromomethane	0.00095	U	0.00095	0.00024	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Dichlorodifluoromethane	0.00095	U	0.00095	0.00032	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Ethylbenzene	0.00095	U	0.00095	0.00044	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Ethylene Dibromide	0.00095	U	0.00095	0.00048	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Isopropylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Methyl acetate	0.0047	U	0.0047	0.0041	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Methyl tert-butyl ether	0.00095	U	0.00095	0.00049	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Methylcyclohexane	0.00095	U	0.00095	0.00047	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Methylene Chloride	0.0019	U	0.0019	0.0011	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
m-Xylene & p-Xylene	0.00095	U	0.00095	0.00040	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
n-Butylbenzene	0.00095	U	0.00095	0.00028	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
N-Propylbenzene	0.00095	U	0.00095	0.00043	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
o-Xylene	0.00095	U	0.00095	0.00044	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
sec-Butylbenzene	0.00095	U	0.00095	0.00027	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Styrene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
tert-Butylbenzene	0.00095	U	0.00095	0.00026	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Tetrachloroethene	0.00095	U	0.00095	0.00029	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Toluene	0.00095	U	0.00095	0.00022	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
trans-1,2-Dichloroethene	0.00095	U	0.00095	0.00023	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
trans-1,3-Dichloropropene	0.00095	U	0.00095	0.00025	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Trichloroethene	0.00095	U	0.00095	0.00030	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Trichlorofluoromethane	0.00095	U	0.00095	0.00039	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Vinyl chloride	0.00095	U	0.00095	0.00052	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1
Xylenes, Total	0.0019	U	0.0019	0.00017	mg/Kg	☼	06/20/25 14:28	06/23/25 09:04	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg	☼		N/A	06/20/25 14:28	06/23/25 09:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		65 - 138	06/20/25 14:28	06/23/25 09:04	1
4-Bromofluorobenzene	104		71 - 128	06/20/25 14:28	06/23/25 09:04	1
Dibromofluoromethane (Surr)	102		50 - 150	06/20/25 14:28	06/23/25 09:04	1
Toluene-d8 (Surr)	95		71 - 126	06/20/25 14:28	06/23/25 09:04	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg	☼	06/21/25 11:49	06/22/25 17:54	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Date Collected: 06/16/25 09:40

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 98.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.023	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.043	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4-Dimethylphenol	0.33	U	0.33	0.040	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Acenaphthene	0.33	U	0.33	0.0095	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Anthracene	0.33	U	0.33	0.010	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Atrazine	0.13	U *	0.13	0.020	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzaldehyde	0.33	U *	0.33	0.055	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzo[a]pyrene	0.033	U	0.033	0.0089	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.018	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Caprolactam	0.33	U *	0.33	0.052	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Carbazole	0.33	U	0.33	0.013	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Chrysene	0.33	U	0.33	0.014	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Date Collected: 06/16/25 09:40

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 98.6

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dimethyl phthalate	0.33	U	0.33	0.076	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Di-n-butyl phthalate	0.33	U	0.33	0.013	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Fluoranthene	0.33	U	0.33	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Hexachlorobutadiene	0.067	U	0.067	0.0071	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Isophorone	0.13	U	0.13	0.096	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Phenol	0.33	U	0.33	0.012	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1
Pyrene	0.33	U	0.33	0.0083	mg/Kg	☆	06/21/25 11:49	06/22/25 17:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	86		18 - 137	06/21/25 11:49	06/22/25 17:54	1
2-Fluorobiphenyl	81		33 - 117	06/21/25 11:49	06/22/25 17:54	1
2-Fluorophenol (Surr)	81		24 - 120	06/21/25 11:49	06/22/25 17:54	1
Nitrobenzene-d5 (Surr)	75		27 - 120	06/21/25 11:49	06/22/25 17:54	1
Phenol-d5 (Surr)	79		28 - 118	06/21/25 11:49	06/22/25 17:54	1
Terphenyl-d14 (Surr)	75		33 - 124	06/21/25 11:49	06/22/25 17:54	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	2550		18.6	5.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Antimony	0.93	U	0.93	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Arsenic	1.1		0.93	0.096	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Barium	7.6		1.9	0.13	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Beryllium	0.23	J	0.37	0.020	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Cadmium	0.93	U	0.93	0.11	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Calcium	264		93.0	9.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Chromium	4.2		1.9	0.28	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Cobalt	1.5	J	1.9	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Copper	3.0		1.9	0.34	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Iron	6910		55.8	7.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Lead	5.4		0.56	0.19	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Magnesium	776		93.0	9.5	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Manganese	55.7		3.7	0.37	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Nickel	2.5		1.9	0.16	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Potassium	456		93.0	15.1	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Selenium	1.2	U	1.2	0.12	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Silver	0.37	U	0.37	0.083	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Sodium	50.2	J	93.0	42.5	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Thallium	0.043	J	0.37	0.038	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-6 (0-2)

Lab Sample ID: 460-328835-3

Date Collected: 06/16/25 09:40

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 98.6

Method: SW846 6020B - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vanadium	4.1		1.9	0.19	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1
Zinc	10.8		7.4	1.0	mg/Kg	☆	06/23/25 07:31	06/24/25 13:15	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0081	mg/Kg	☆	06/25/25 02:38	06/25/25 15:45	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	1.4		1.0	1.0	%			06/20/25 08:32	1
Percent Solids (EPA Moisture)	98.6		1.0	1.0	%			06/20/25 08:32	1

Client Sample ID: RI-SB-7 (0-2)

Lab Sample ID: 460-328835-4

Date Collected: 06/16/25 10:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.00099	U	0.00099	0.00023	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,1,2,2-Tetrachloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00099	U	0.00099	0.00030	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,1,2-Trichloroethane	0.00099	U	0.00099	0.00060	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,1-Dichloroethane	0.00099	U	0.00099	0.00059	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,1-Dichloroethene	0.00099	U	0.00099	0.00022	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2,3-Trichlorobenzene	0.00099	U	0.00099	0.00073	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2,4-Trichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2,4-Trimethylbenzene	0.00099	U	0.00099	0.00024	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2-Dibromo-3-Chloropropane	0.00099	U	0.00099	0.00046	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2-Dichloroethane	0.00099	U	0.00099	0.00029	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,2-Dichloropropane	0.00099	U	0.00099	0.00042	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,3,5-Trimethylbenzene	0.00099	U	0.00099	0.00031	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,3-Dichlorobenzene	0.00099	U	0.00099	0.00036	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
1,4-Dichlorobenzene	0.00099	U	0.00099	0.00052	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0015	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Acetone	0.0057	J	0.0060	0.0057	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Benzene	0.00099	U	0.00099	0.00056	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Bromoform	0.00099	U	0.00099	0.00042	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Bromomethane	0.0020	U	0.0020	0.00099	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Carbon disulfide	0.00099	U	0.00099	0.00026	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Carbon tetrachloride	0.00099	U	0.00099	0.00038	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chlorobenzene	0.00099	U	0.00099	0.00050	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chlorobromomethane	0.00099	U	0.00099	0.00059	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chlorodibromomethane	0.00099	U	0.00099	0.00053	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chloroethane	0.00099	U	0.00099	0.00052	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chloroform	0.00099	U	0.00099	0.00097	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
Chloromethane	0.00099	U	0.00099	0.00043	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1
cis-1,2-Dichloroethene	0.00099	U	0.00099	0.00036	mg/Kg	☆	06/20/25 14:28	06/23/25 09:27	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-7 (0-2)

Lab Sample ID: 460-328835-4

Date Collected: 06/16/25 10:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 96.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Cyclohexane	0.00099	U	0.00099	0.00022	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Dichlorobromomethane	0.00099	U	0.00099	0.00026	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Dichlorodifluoromethane	0.00099	U	0.00099	0.00034	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Ethylbenzene	0.00099	U	0.00099	0.00047	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Ethylene Dibromide	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Isopropylbenzene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Methyl tert-butyl ether	0.00099	U	0.00099	0.00051	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Methylcyclohexane	0.00099	U	0.00099	0.00050	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
m-Xylene & p-Xylene	0.00099	U	0.00099	0.00042	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
n-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
N-Propylbenzene	0.00099	U	0.00099	0.00045	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
o-Xylene	0.00099	U	0.00099	0.00046	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
sec-Butylbenzene	0.00099	U	0.00099	0.00029	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Styrene	0.00099	U	0.00099	0.00028	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
tert-Butylbenzene	0.00099	U	0.00099	0.00027	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Tetrachloroethene	0.0039		0.00099	0.00030	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Toluene	0.00030	J	0.00099	0.00023	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
trans-1,2-Dichloroethene	0.00099	U	0.00099	0.00024	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
trans-1,3-Dichloropropene	0.00099	U	0.00099	0.00026	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Trichloroethene	0.00099	U	0.00099	0.00032	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Trichlorofluoromethane	0.00099	U	0.00099	0.00040	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Vinyl chloride	0.00099	U	0.00099	0.00054	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg	☼	06/20/25 14:28	06/23/25 09:27	1

Tentatively Identified Compound	Est. Result	Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Pentane, 2-methyl-	9.1	J N	ug/Kg	☼	2.95	107-83-5	06/20/25 14:28	06/23/25 09:27	1
Unknown	8.5	J	ug/Kg	☼	7.67	N/A	06/20/25 14:28	06/23/25 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		65 - 138	06/20/25 14:28	06/23/25 09:27	1
4-Bromofluorobenzene	109		71 - 128	06/20/25 14:28	06/23/25 09:27	1
Dibromofluoromethane (Surr)	108		50 - 150	06/20/25 14:28	06/23/25 09:27	1
Toluene-d8 (Surr)	102		71 - 126	06/20/25 14:28	06/23/25 09:27	1

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1'-Biphenyl	0.34	U	0.34	0.012	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
1,2,4,5-Tetrachlorobenzene	0.34	U	0.34	0.011	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
1,4-Dioxane	0.034	U	0.034	0.030	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,2'-oxybis[1-chloropropane]	0.34	U	0.34	0.021	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,3,4,6-Tetrachlorophenol	0.34	U	0.34	0.023	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4,5-Trichlorophenol	0.34	U	0.34	0.035	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4,6-Trichlorophenol	0.14	U	0.14	0.044	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4-Dichlorophenol	0.14	U	0.14	0.022	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4-Dimethylphenol	0.34	U	0.34	0.041	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4-Dinitrophenol	0.28	U	0.28	0.17	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1
2,4-Dinitrotoluene	0.069	U	0.069	0.037	mg/Kg	☼	06/21/25 11:49	06/23/25 12:42	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-7 (0-2)

Lab Sample ID: 460-328835-4

Date Collected: 06/16/25 10:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,6-Dinitrotoluene	0.069	U	0.069	0.025	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Chloronaphthalene	0.34	U	0.34	0.044	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Chlorophenol	0.34	U	0.34	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Methylnaphthalene	0.028	J	0.34	0.0096	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Methylphenol	0.34	U	0.34	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Nitroaniline	0.34	U	0.34	0.026	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
2-Nitrophenol	0.34	U	0.34	0.034	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
3 & 4 Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
3,3'-Dichlorobenzidine	0.14	U	0.14	0.052	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
3-Nitroaniline	0.34	U	0.34	0.081	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4,6-Dinitro-2-methylphenol	0.28	U	0.28	0.14	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Bromophenyl phenyl ether	0.34	U	0.34	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Chloro-3-methylphenol	0.34	U	0.34	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Chloroaniline	0.34	U	0.34	0.061	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Chlorophenyl phenyl ether	0.34	U	0.34	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Methylphenol	0.34	U	0.34	0.021	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Nitroaniline	0.34	U	0.34	0.087	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
4-Nitrophenol	0.69	U	0.69	0.056	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Acenaphthene	0.032	J	0.34	0.0098	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Acenaphthylene	0.25	J	0.34	0.0098	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Acetophenone	0.34	U	0.34	0.017	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Anthracene	0.19	J	0.34	0.010	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Atrazine	0.14	U *	0.14	0.020	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzaldehyde	0.34	U *	0.34	0.057	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzo[a]anthracene	1.6		0.034	0.026	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzo[a]pyrene	2.1		0.034	0.0091	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzo[b]fluoranthene	2.7		0.034	0.0089	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzo[g,h,i]perylene	1.5		0.34	0.010	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Benzo[k]fluoranthene	1.0		0.034	0.0067	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Bis(2-chloroethoxy)methane	0.34	U	0.34	0.063	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Bis(2-chloroethyl)ether	0.034	U	0.034	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Bis(2-ethylhexyl) phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Butyl benzyl phthalate	0.34	U	0.34	0.016	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Caprolactam	0.34	U *	0.34	0.053	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Carbazole	0.079	J	0.34	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Chrysene	1.8		0.34	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Dibenz(a,h)anthracene	0.41		0.034	0.015	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Dibenzofuran	0.027	J	0.34	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Diethyl phthalate	0.34	U	0.34	0.011	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Dimethyl phthalate	0.34	U	0.34	0.078	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Di-n-butyl phthalate	0.34	U	0.34	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Di-n-octyl phthalate	0.34	U	0.34	0.018	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Fluoranthene	2.7		0.34	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Fluorene	0.038	J	0.34	0.010	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Hexachlorobenzene	0.034	U	0.034	0.016	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Hexachlorobutadiene	0.069	U	0.069	0.0073	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Hexachlorocyclopentadiene	0.34	U	0.34	0.030	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Hexachloroethane	0.034	U	0.034	0.012	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Indeno[1,2,3-cd]pyrene	1.6		0.034	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-7 (0-2)

Lab Sample ID: 460-328835-4

Date Collected: 06/16/25 10:00

Matrix: Solid

Date Received: 06/18/25 19:10

Percent Solids: 96.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isophorone	0.14	U	0.14	0.099	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Naphthalene	0.077	J	0.34	0.0059	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Nitrobenzene	0.034	U	0.034	0.019	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
N-Nitrosodi-n-propylamine	0.034	U	0.034	0.025	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
N-Nitrosodiphenylamine	0.34	U	0.34	0.028	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Pentachlorophenol	0.28	U	0.28	0.070	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Phenanthrene	0.66		0.34	0.014	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Phenol	0.34	U	0.34	0.013	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1
Pyrene	2.4		0.34	0.0085	mg/Kg	☆	06/21/25 11:49	06/23/25 12:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	76		18 - 137	06/21/25 11:49	06/23/25 12:42	1
2-Fluorobiphenyl	75		33 - 117	06/21/25 11:49	06/23/25 12:42	1
2-Fluorophenol (Surr)	71		24 - 120	06/21/25 11:49	06/23/25 12:42	1
Nitrobenzene-d5 (Surr)	67		27 - 120	06/21/25 11:49	06/23/25 12:42	1
Phenol-d5 (Surr)	71		28 - 118	06/21/25 11:49	06/23/25 12:42	1
Terphenyl-d14 (Surr)	73		33 - 124	06/21/25 11:49	06/23/25 12:42	1

Method: SW846 6020B - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	4150		19.1	5.2	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Antimony	0.15	J	0.96	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Arsenic	3.1		0.96	0.098	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Barium	26.7		1.9	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Beryllium	0.18	J	0.38	0.021	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Cadmium	0.20	J	0.96	0.11	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Calcium	3230		95.5	9.3	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Chromium	6.6		1.9	0.28	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Cobalt	1.9		1.9	0.14	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Copper	14.4		1.9	0.35	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Iron	5760		57.3	7.3	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Lead	90.3		0.57	0.19	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Magnesium	2050		95.5	9.7	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Manganese	81.3		3.8	0.39	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Nickel	4.1		1.9	0.17	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Potassium	258		95.5	15.5	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Selenium	0.21	J	1.2	0.12	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Silver	0.094	J	0.38	0.085	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Sodium	79.9	J	95.5	43.7	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Thallium	0.057	J	0.38	0.039	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Vanadium	8.6		1.9	0.20	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1
Zinc	81.6		7.6	1.0	mg/Kg	☆	06/23/25 07:31	06/24/25 13:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.084		0.017	0.0082	mg/Kg	☆	06/25/25 02:38	06/25/25 15:48	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	4.0		1.0	1.0	%			06/20/25 08:32	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-7 (0-2)
Date Collected: 06/16/25 10:00
Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-4
Matrix: Solid
Percent Solids: 96.0

General Chemistry (Continued)									
Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	96.0		1.0	1.0	%			06/20/25 08:32	1

Surrogate Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)			
		DCA (65-138)	BFB (71-128)	DBFM (50-150)	TOL (71-126)
460-328835-1	RI-SB-4 (0-2)	94	100	99	91
460-328835-2	RI-SB-5 (0-2)	91	100	97	91
460-328835-3	RI-SB-6 (0-2)	95	104	102	95
460-328835-4	RI-SB-7 (0-2)	99	109	108	102
LCS 460-1045423/3	Lab Control Sample	113	116	115	112
LCS 460-1045465/3	Lab Control Sample	84	94	95	91
LCSD 460-1045423/4	Lab Control Sample Dup	92	92	93	93
LCSD 460-1045465/4	Lab Control Sample Dup	89	99	98	96
MB 460-1045423/8	Method Blank	96	105	101	93
MB 460-1045465/8	Method Blank	87	102	98	95

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)

BFB = 4-Bromofluorobenzene

DBFM = Dibromofluoromethane (Surr)

TOL = Toluene-d8 (Surr)

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)					
		TBP (18-137)	FBP (33-117)	2FP (24-120)	NBZ (27-120)	PHL (28-118)	TPHL (33-124)
460-328835-1	RI-SB-4 (0-2)	79	82	75	73	74	75
460-328835-2	RI-SB-5 (0-2)	73	75	70	66	70	65
460-328835-3	RI-SB-6 (0-2)	86	81	81	75	79	75
460-328835-4	RI-SB-7 (0-2)	76	75	71	67	71	73
LCS 460-1045291/2-A	Lab Control Sample	94	81	81	75	80	83
LCSD 460-1045291/3-A	Lab Control Sample Dup	95	82	81	76	79	82
MB 460-1045291/1-A	Method Blank	79	72	73	70	70	81

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)

FBP = 2-Fluorobiphenyl

2FP = 2-Fluorophenol (Surr)

NBZ = Nitrobenzene-d5 (Surr)

PHL = Phenol-d5 (Surr)

TPHL = Terphenyl-d14 (Surr)

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 460-1045423/8

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 19:15	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 19:15	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 19:15	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 19:15	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 19:15	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 19:15	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/22/25 19:15	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 19:15	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 19:15	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 19:15	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 19:15	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/22/25 19:15	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 19:15	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 19:15	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/22/25 19:15	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 19:15	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/22/25 19:15	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/22/25 19:15	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/22/25 19:15	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/22/25 19:15	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/22/25 19:15	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/22/25 19:15	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/22/25 19:15	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 19:15	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/22/25 19:15	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 19:15	1
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/22/25 19:15	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/22/25 19:15	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/22/25 19:15	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/22/25 19:15	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/22/25 19:15	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/22/25 19:15	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 19:15	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/22/25 19:15	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/22/25 19:15	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/22/25 19:15	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/22/25 19:15	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 19:15	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 19:15	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/22/25 19:15	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/22/25 19:15	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/22/25 19:15	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/22/25 19:15	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/22/25 19:15	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 19:15	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/22/25 19:15	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/22/25 19:15	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/22/25 19:15	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045423/8

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 19:15	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/22/25 19:15	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/22/25 19:15	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/22/25 19:15	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/22/25 19:15	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/22/25 19:15	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/22/25 19:15	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/22/25 19:15	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/22/25 19:15	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/22/25 19:15	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A		06/22/25 19:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		65 - 138		06/22/25 19:15	1
4-Bromofluorobenzene	105		71 - 128		06/22/25 19:15	1
Dibromofluoromethane (Surr)	101		50 - 150		06/22/25 19:15	1
Toluene-d8 (Surr)	93		71 - 126		06/22/25 19:15	1

Lab Sample ID: LCS 460-1045423/3

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0193		mg/Kg		96	78 - 120
1,1,2,2-Tetrachloroethane	0.0200	0.0186		mg/Kg		93	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0209		mg/Kg		104	75 - 121
1,1,2-Trichloroethane	0.0200	0.0188		mg/Kg		94	80 - 120
1,1-Dichloroethane	0.0200	0.0192		mg/Kg		96	72 - 120
1,1-Dichloroethene	0.0200	0.0195		mg/Kg		97	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0190		mg/Kg		95	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0173		mg/Kg		87	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		94	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0181		mg/Kg		91	80 - 124
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		89	80 - 120
1,2-Dichloroethane	0.0200	0.0195		mg/Kg		97	70 - 123
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0184		mg/Kg		92	70 - 120
1,3-Dichlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120
1,4-Dichlorobenzene	0.0200	0.0178		mg/Kg		89	80 - 120
2-Butanone (MEK)	0.100	0.0910		mg/Kg		91	64 - 128
2-Hexanone	0.100	0.100		mg/Kg		100	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0989		mg/Kg		99	80 - 120
Acetone	0.100	0.0818		mg/Kg		82	58 - 122
Benzene	0.0200	0.0183		mg/Kg		91	75 - 120
Bromoform	0.0200	0.0182		mg/Kg		91	61 - 125

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045423/3

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Bromomethane	0.0200	0.0179		mg/Kg		90	37 - 150
Carbon disulfide	0.0200	0.0198		mg/Kg		99	57 - 133
Carbon tetrachloride	0.0200	0.0195		mg/Kg		98	66 - 127
Chlorobenzene	0.0200	0.0182		mg/Kg		91	80 - 120
Chlorobromomethane	0.0200	0.0182		mg/Kg		91	76 - 127
Chlorodibromomethane	0.0200	0.0184		mg/Kg		92	72 - 120
Chloroethane	0.0200	0.0193		mg/Kg		97	60 - 123
Chloroform	0.0200	0.0195		mg/Kg		98	79 - 126
Chloromethane	0.0200	0.0189		mg/Kg		94	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0181		mg/Kg		90	75 - 120
Cyclohexane	0.0200	0.0201		mg/Kg		101	65 - 132
Dichlorobromomethane	0.0200	0.0187		mg/Kg		94	77 - 124
Dichlorodifluoromethane	0.0200	0.0210		mg/Kg		105	45 - 129
Ethylbenzene	0.0200	0.0184		mg/Kg		92	80 - 120
Ethylene Dibromide	0.0200	0.0186		mg/Kg		93	79 - 120
Isopropylbenzene	0.0200	0.0189		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0392		mg/Kg		98	57 - 120
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125
Methylcyclohexane	0.0200	0.0202		mg/Kg		101	66 - 125
Methylene Chloride	0.0200	0.0189		mg/Kg		94	78 - 120
m-Xylene & p-Xylene	0.0200	0.0188		mg/Kg		94	80 - 120
n-Butylbenzene	0.0200	0.0188		mg/Kg		94	72 - 120
N-Propylbenzene	0.0200	0.0191		mg/Kg		95	68 - 120
o-Xylene	0.0200	0.0185		mg/Kg		93	80 - 120
sec-Butylbenzene	0.0200	0.0195		mg/Kg		97	78 - 120
Styrene	0.0200	0.0180		mg/Kg		90	80 - 120
tert-Butylbenzene	0.0200	0.0189		mg/Kg		95	80 - 120
Tetrachloroethene	0.0200	0.0183		mg/Kg		92	73 - 120
Toluene	0.0200	0.0177		mg/Kg		89	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0200		mg/Kg		100	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0191		mg/Kg		95	80 - 120
Trichlorofluoromethane	0.0200	0.0192		mg/Kg		96	61 - 130
Vinyl chloride	0.0200	0.0190		mg/Kg		95	54 - 122
Xylenes, Total	0.0400	0.0373		mg/Kg		93	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	113		65 - 138
4-Bromofluorobenzene	116		71 - 128
Dibromofluoromethane (Surr)	115		50 - 150
Toluene-d8 (Surr)	112		71 - 126

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045423/4

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0189		mg/Kg		95	78 - 120	2	30
1,1,2,2-Tetrachloroethane	0.0200	0.0184		mg/Kg		92	70 - 133	1	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0201		mg/Kg		100	75 - 121	4	30
1,1,2-Trichloroethane	0.0200	0.0193		mg/Kg		97	80 - 120	3	30
1,1-Dichloroethane	0.0200	0.0190		mg/Kg		95	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0186		mg/Kg		93	76 - 120	5	30
1,2,3-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 137	2	30
1,2,4-Trichlorobenzene	0.0200	0.0174		mg/Kg		87	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0183		mg/Kg		91	75 - 120	2	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0177		mg/Kg		89	80 - 124	2	30
1,2-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120	1	30
1,2-Dichloroethane	0.0200	0.0190		mg/Kg		95	70 - 123	3	30
1,2-Dichloropropane	0.0200	0.0180		mg/Kg		90	73 - 124	0	30
1,3,5-Trimethylbenzene	0.0200	0.0179		mg/Kg		89	70 - 120	3	30
1,3-Dichlorobenzene	0.0200	0.0170		mg/Kg		85	80 - 120	5	30
1,4-Dichlorobenzene	0.0200	0.0170		mg/Kg		85	80 - 120	5	30
2-Butanone (MEK)	0.100	0.0855		mg/Kg		85	64 - 128	6	30
2-Hexanone	0.100	0.0950		mg/Kg		95	75 - 120	6	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0944		mg/Kg		94	80 - 120	5	30
Acetone	0.100	0.0790		mg/Kg		79	58 - 122	3	30
Benzene	0.0200	0.0184		mg/Kg		92	75 - 120	1	30
Bromoform	0.0200	0.0187		mg/Kg		94	61 - 125	3	30
Bromomethane	0.0200	0.0189		mg/Kg		94	37 - 150	5	30
Carbon disulfide	0.0200	0.0192		mg/Kg		96	57 - 133	3	30
Carbon tetrachloride	0.0200	0.0187		mg/Kg		94	66 - 127	4	30
Chlorobenzene	0.0200	0.0186		mg/Kg		93	80 - 120	2	30
Chlorobromomethane	0.0200	0.0180		mg/Kg		90	76 - 127	1	30
Chlorodibromomethane	0.0200	0.0188		mg/Kg		94	72 - 120	2	30
Chloroethane	0.0200	0.0196		mg/Kg		98	60 - 123	1	30
Chloroform	0.0200	0.0190		mg/Kg		95	79 - 126	3	30
Chloromethane	0.0200	0.0191		mg/Kg		95	46 - 122	1	30
cis-1,2-Dichloroethene	0.0200	0.0186		mg/Kg		93	80 - 123	1	30
cis-1,3-Dichloropropene	0.0200	0.0187		mg/Kg		94	75 - 120	3	30
Cyclohexane	0.0200	0.0192		mg/Kg		96	65 - 132	5	30
Dichlorobromomethane	0.0200	0.0190		mg/Kg		95	77 - 124	2	30
Dichlorodifluoromethane	0.0200	0.0213		mg/Kg		106	45 - 129	1	30
Ethylbenzene	0.0200	0.0187		mg/Kg		93	80 - 120	1	30
Ethylene Dibromide	0.0200	0.0194		mg/Kg		97	79 - 120	5	30
Isopropylbenzene	0.0200	0.0191		mg/Kg		95	74 - 120	1	30
Methyl acetate	0.0400	0.0399		mg/Kg		100	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0189		mg/Kg		95	74 - 125	0	30
Methylcyclohexane	0.0200	0.0198		mg/Kg		99	66 - 125	2	30
Methylene Chloride	0.0200	0.0184		mg/Kg		92	78 - 120	3	30
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120	2	30
n-Butylbenzene	0.0200	0.0176		mg/Kg		88	72 - 120	7	30
N-Propylbenzene	0.0200	0.0183		mg/Kg		92	68 - 120	4	30
o-Xylene	0.0200	0.0191		mg/Kg		95	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0189		mg/Kg		95	78 - 120	3	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045423/4

Matrix: Solid

Analysis Batch: 1045423

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Styrene	0.0200	0.0187		mg/Kg		93	80 - 120	4	30
tert-Butylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120	5	30
Tetrachloroethene	0.0200	0.0184		mg/Kg		92	73 - 120	0	30
Toluene	0.0200	0.0178		mg/Kg		89	80 - 120	0	30
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		94	78 - 120	6	30
trans-1,3-Dichloropropene	0.0200	0.0183		mg/Kg		91	77 - 120	6	30
Trichloroethene	0.0200	0.0189		mg/Kg		95	80 - 120	1	30
Trichlorofluoromethane	0.0200	0.0200		mg/Kg		100	61 - 130	4	30
Vinyl chloride	0.0200	0.0194		mg/Kg		97	54 - 122	2	30
Xylenes, Total	0.0400	0.0375		mg/Kg		94	80 - 120	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		65 - 138
4-Bromofluorobenzene	92		71 - 128
Dibromofluoromethane (Surr)	93		50 - 150
Toluene-d8 (Surr)	93		71 - 126

Lab Sample ID: MB 460-1045465/8

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:42	1
1,1,2,2-Tetrachloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:42	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/23/25 06:42	1
1,1,2-Trichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:42	1
1,1-Dichloroethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:42	1
1,1-Dichloroethene	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:42	1
1,2,3-Trichlorobenzene	0.0010	U	0.0010	0.00074	mg/Kg			06/23/25 06:42	1
1,2,4-Trichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:42	1
1,2,4-Trimethylbenzene	0.0010	U	0.0010	0.00025	mg/Kg			06/23/25 06:42	1
1,2-Dibromo-3-Chloropropane	0.0010	U	0.0010	0.00046	mg/Kg			06/23/25 06:42	1
1,2-Dichlorobenzene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:42	1
1,2-Dichloroethane	0.0010	U	0.0010	0.00030	mg/Kg			06/23/25 06:42	1
1,2-Dichloropropane	0.0010	U	0.0010	0.00042	mg/Kg			06/23/25 06:42	1
1,3,5-Trimethylbenzene	0.0010	U	0.0010	0.00031	mg/Kg			06/23/25 06:42	1
1,3-Dichlorobenzene	0.0010	U	0.0010	0.00037	mg/Kg			06/23/25 06:42	1
1,4-Dichlorobenzene	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:42	1
2-Butanone (MEK)	0.0050	U	0.0050	0.00037	mg/Kg			06/23/25 06:42	1
2-Hexanone	0.0050	U	0.0050	0.0017	mg/Kg			06/23/25 06:42	1
4-Methyl-2-pentanone (MIBK)	0.0050	U	0.0050	0.0016	mg/Kg			06/23/25 06:42	1
Acetone	0.0060	U	0.0060	0.0057	mg/Kg			06/23/25 06:42	1
Benzene	0.0010	U	0.0010	0.00057	mg/Kg			06/23/25 06:42	1
Bromoform	0.0010	U	0.0010	0.00043	mg/Kg			06/23/25 06:42	1
Bromomethane	0.0020	U	0.0020	0.0010	mg/Kg			06/23/25 06:42	1
Carbon disulfide	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:42	1
Carbon tetrachloride	0.0010	U	0.0010	0.00039	mg/Kg			06/23/25 06:42	1
Chlorobenzene	0.0010	U	0.0010	0.00051	mg/Kg			06/23/25 06:42	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 460-1045465/8

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobromomethane	0.0010	U	0.0010	0.00060	mg/Kg			06/23/25 06:42	1
Chlorodibromomethane	0.0010	U	0.0010	0.00054	mg/Kg			06/23/25 06:42	1
Chloroethane	0.0010	U	0.0010	0.00052	mg/Kg			06/23/25 06:42	1
Chloroform	0.0010	U	0.0010	0.00097	mg/Kg			06/23/25 06:42	1
Chloromethane	0.0010	U	0.0010	0.00044	mg/Kg			06/23/25 06:42	1
cis-1,2-Dichloroethene	0.0010	U	0.0010	0.00036	mg/Kg			06/23/25 06:42	1
cis-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:42	1
Cyclohexane	0.0010	U	0.0010	0.00022	mg/Kg			06/23/25 06:42	1
Dichlorobromomethane	0.0010	U	0.0010	0.00026	mg/Kg			06/23/25 06:42	1
Dichlorodifluoromethane	0.0010	U	0.0010	0.00034	mg/Kg			06/23/25 06:42	1
Ethylbenzene	0.0010	U	0.0010	0.00047	mg/Kg			06/23/25 06:42	1
Ethylene Dibromide	0.0010	U	0.0010	0.00050	mg/Kg			06/23/25 06:42	1
Isopropylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:42	1
Methyl acetate	0.0050	U	0.0050	0.0043	mg/Kg			06/23/25 06:42	1
Methyl tert-butyl ether	0.0010	U	0.0010	0.00051	mg/Kg			06/23/25 06:42	1
Methylcyclohexane	0.0010	U	0.0010	0.00050	mg/Kg			06/23/25 06:42	1
Methylene Chloride	0.0020	U	0.0020	0.0011	mg/Kg			06/23/25 06:42	1
m-Xylene & p-Xylene	0.0010	U	0.0010	0.00042	mg/Kg			06/23/25 06:42	1
n-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:42	1
N-Propylbenzene	0.0010	U	0.0010	0.00045	mg/Kg			06/23/25 06:42	1
o-Xylene	0.0010	U	0.0010	0.00046	mg/Kg			06/23/25 06:42	1
sec-Butylbenzene	0.0010	U	0.0010	0.00029	mg/Kg			06/23/25 06:42	1
Styrene	0.0010	U	0.0010	0.00028	mg/Kg			06/23/25 06:42	1
tert-Butylbenzene	0.0010	U	0.0010	0.00028	mg/Kg			06/23/25 06:42	1
Tetrachloroethene	0.0010	U	0.0010	0.00031	mg/Kg			06/23/25 06:42	1
Toluene	0.0010	U	0.0010	0.00023	mg/Kg			06/23/25 06:42	1
trans-1,2-Dichloroethene	0.0010	U	0.0010	0.00025	mg/Kg			06/23/25 06:42	1
trans-1,3-Dichloropropene	0.0010	U	0.0010	0.00027	mg/Kg			06/23/25 06:42	1
Trichloroethene	0.0010	U	0.0010	0.00032	mg/Kg			06/23/25 06:42	1
Trichlorofluoromethane	0.0010	U	0.0010	0.00041	mg/Kg			06/23/25 06:42	1
Vinyl chloride	0.0010	U	0.0010	0.00055	mg/Kg			06/23/25 06:42	1
Xylenes, Total	0.0020	U	0.0020	0.00017	mg/Kg			06/23/25 06:42	1

Tentatively Identified Compound	MB Est. Result	MB Qualifier	Unit	D	RT	CAS No.	Prepared	Analyzed	Dil Fac
Tentatively Identified Compound	None		ug/Kg			N/A		06/23/25 06:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	87		65 - 138		06/23/25 06:42	1
4-Bromofluorobenzene	102		71 - 128		06/23/25 06:42	1
Dibromofluoromethane (Surr)	98		50 - 150		06/23/25 06:42	1
Toluene-d8 (Surr)	95		71 - 126		06/23/25 06:42	1

Lab Sample ID: LCS 460-1045465/3

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,1-Trichloroethane	0.0200	0.0187		mg/Kg		94	78 - 120

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045465/3

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	0.0200	0.0172		mg/Kg		86	70 - 133
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0196		mg/Kg		98	75 - 121
1,1,2-Trichloroethane	0.0200	0.0177		mg/Kg		89	80 - 120
1,1-Dichloroethane	0.0200	0.0180		mg/Kg		90	72 - 120
1,1-Dichloroethene	0.0200	0.0186		mg/Kg		93	76 - 120
1,2,3-Trichlorobenzene	0.0200	0.0193		mg/Kg		96	77 - 137
1,2,4-Trichlorobenzene	0.0200	0.0186		mg/Kg		93	77 - 136
1,2,4-Trimethylbenzene	0.0200	0.0187		mg/Kg		93	75 - 120
1,2-Dibromo-3-Chloropropane	0.0200	0.0166		mg/Kg		83	80 - 124
1,2-Dichlorobenzene	0.0200	0.0179		mg/Kg		90	80 - 120
1,2-Dichloroethane	0.0200	0.0173		mg/Kg		87	70 - 123
1,2-Dichloropropane	0.0200	0.0176		mg/Kg		88	73 - 124
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		93	70 - 120
1,3-Dichlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
1,4-Dichlorobenzene	0.0200	0.0181		mg/Kg		90	80 - 120
2-Butanone (MEK)	0.100	0.0904		mg/Kg		90	64 - 128
2-Hexanone	0.100	0.0957		mg/Kg		96	75 - 120
4-Methyl-2-pentanone (MIBK)	0.100	0.0954		mg/Kg		95	80 - 120
Acetone	0.100	0.0822		mg/Kg		82	58 - 122
Benzene	0.0200	0.0177		mg/Kg		88	75 - 120
Bromoform	0.0200	0.0175		mg/Kg		88	61 - 125
Bromomethane	0.0200	0.0169		mg/Kg		84	37 - 150
Carbon disulfide	0.0200	0.0185		mg/Kg		92	57 - 133
Carbon tetrachloride	0.0200	0.0187		mg/Kg		93	66 - 127
Chlorobenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Chlorobromomethane	0.0200	0.0183		mg/Kg		92	76 - 127
Chlorodibromomethane	0.0200	0.0178		mg/Kg		89	72 - 120
Chloroethane	0.0200	0.0171		mg/Kg		85	60 - 123
Chloroform	0.0200	0.0187		mg/Kg		93	79 - 126
Chloromethane	0.0200	0.0161		mg/Kg		81	46 - 122
cis-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		91	80 - 123
cis-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	75 - 120
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132
Dichlorobromomethane	0.0200	0.0176		mg/Kg		88	77 - 124
Dichlorodifluoromethane	0.0200	0.0178		mg/Kg		89	45 - 129
Ethylbenzene	0.0200	0.0180		mg/Kg		90	80 - 120
Ethylene Dibromide	0.0200	0.0185		mg/Kg		92	79 - 120
Isopropylbenzene	0.0200	0.0188		mg/Kg		94	74 - 120
Methyl acetate	0.0400	0.0356		mg/Kg		89	57 - 120
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	74 - 125
Methylcyclohexane	0.0200	0.0187		mg/Kg		94	66 - 125
Methylene Chloride	0.0200	0.0185		mg/Kg		92	78 - 120
m-Xylene & p-Xylene	0.0200	0.0185		mg/Kg		92	80 - 120
n-Butylbenzene	0.0200	0.0186		mg/Kg		93	72 - 120
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120
o-Xylene	0.0200	0.0184		mg/Kg		92	80 - 120
sec-Butylbenzene	0.0200	0.0191		mg/Kg		96	78 - 120
Styrene	0.0200	0.0179		mg/Kg		90	80 - 120

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 460-1045465/3

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120
Tetrachloroethene	0.0200	0.0190		mg/Kg		95	73 - 120
Toluene	0.0200	0.0172		mg/Kg		86	80 - 120
trans-1,2-Dichloroethene	0.0200	0.0189		mg/Kg		95	78 - 120
trans-1,3-Dichloropropene	0.0200	0.0173		mg/Kg		87	77 - 120
Trichloroethene	0.0200	0.0187		mg/Kg		93	80 - 120
Trichlorofluoromethane	0.0200	0.0177		mg/Kg		88	61 - 130
Vinyl chloride	0.0200	0.0170		mg/Kg		85	54 - 122
Xylenes, Total	0.0400	0.0369		mg/Kg		92	80 - 120

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	84		65 - 138
4-Bromofluorobenzene	94		71 - 128
Dibromofluoromethane (Surr)	95		50 - 150
Toluene-d8 (Surr)	91		71 - 126

Lab Sample ID: LCSD 460-1045465/4

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1,1-Trichloroethane	0.0200	0.0186		mg/Kg		93	78 - 120	1	30
1,1,2,2-Tetrachloroethane	0.0200	0.0172		mg/Kg		86	70 - 133	0	30
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0200	0.0208		mg/Kg		104	75 - 121	6	30
1,1,2-Trichloroethane	0.0200	0.0179		mg/Kg		89	80 - 120	1	30
1,1-Dichloroethane	0.0200	0.0183		mg/Kg		91	72 - 120	1	30
1,1-Dichloroethene	0.0200	0.0190		mg/Kg		95	76 - 120	2	30
1,2,3-Trichlorobenzene	0.0200	0.0195		mg/Kg		98	77 - 137	1	30
1,2,4-Trichlorobenzene	0.0200	0.0183		mg/Kg		92	77 - 136	1	30
1,2,4-Trimethylbenzene	0.0200	0.0186		mg/Kg		93	75 - 120	1	30
1,2-Dibromo-3-Chloropropane	0.0200	0.0161		mg/Kg		80	80 - 124	3	30
1,2-Dichlorobenzene	0.0200	0.0183		mg/Kg		92	80 - 120	2	30
1,2-Dichloroethane	0.0200	0.0173		mg/Kg		86	70 - 123	0	30
1,2-Dichloropropane	0.0200	0.0174		mg/Kg		87	73 - 124	1	30
1,3,5-Trimethylbenzene	0.0200	0.0185		mg/Kg		92	70 - 120	0	30
1,3-Dichlorobenzene	0.0200	0.0176		mg/Kg		88	80 - 120	2	30
1,4-Dichlorobenzene	0.0200	0.0177		mg/Kg		88	80 - 120	2	30
2-Butanone (MEK)	0.100	0.0923		mg/Kg		92	64 - 128	2	30
2-Hexanone	0.100	0.0953		mg/Kg		95	75 - 120	0	30
4-Methyl-2-pentanone (MIBK)	0.100	0.0952		mg/Kg		95	80 - 120	0	30
Acetone	0.100	0.0832		mg/Kg		83	58 - 122	1	30
Benzene	0.0200	0.0180		mg/Kg		90	75 - 120	2	30
Bromoform	0.0200	0.0174		mg/Kg		87	61 - 125	1	30
Bromomethane	0.0200	0.0168		mg/Kg		84	37 - 150	0	30
Carbon disulfide	0.0200	0.0188		mg/Kg		94	57 - 133	2	30
Carbon tetrachloride	0.0200	0.0187		mg/Kg		94	66 - 127	0	30
Chlorobenzene	0.0200	0.0185		mg/Kg		92	80 - 120	2	30
Chlorobromomethane	0.0200	0.0188		mg/Kg		94	76 - 127	2	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCSD 460-1045465/4

Matrix: Solid

Analysis Batch: 1045465

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chlorodibromomethane	0.0200	0.0179		mg/Kg		89	72 - 120	0	30
Chloroethane	0.0200	0.0175		mg/Kg		88	60 - 123	2	30
Chloroform	0.0200	0.0186		mg/Kg		93	79 - 126	0	30
Chloromethane	0.0200	0.0168		mg/Kg		84	46 - 122	4	30
cis-1,2-Dichloroethene	0.0200	0.0183		mg/Kg		91	80 - 123	0	30
cis-1,3-Dichloropropene	0.0200	0.0177		mg/Kg		88	75 - 120	1	30
Cyclohexane	0.0200	0.0188		mg/Kg		94	65 - 132	0	30
Dichlorobromomethane	0.0200	0.0182		mg/Kg		91	77 - 124	3	30
Dichlorodifluoromethane	0.0200	0.0177		mg/Kg		89	45 - 129	1	30
Ethylbenzene	0.0200	0.0187		mg/Kg		94	80 - 120	4	30
Ethylene Dibromide	0.0200	0.0182		mg/Kg		91	79 - 120	2	30
Isopropylbenzene	0.0200	0.0195		mg/Kg		97	74 - 120	4	30
Methyl acetate	0.0400	0.0362		mg/Kg		90	57 - 120	2	30
Methyl tert-butyl ether	0.0200	0.0183		mg/Kg		92	74 - 125	0	30
Methylcyclohexane	0.0200	0.0193		mg/Kg		97	66 - 125	3	30
Methylene Chloride	0.0200	0.0184		mg/Kg		92	78 - 120	0	30
m-Xylene & p-Xylene	0.0200	0.0189		mg/Kg		95	80 - 120	2	30
n-Butylbenzene	0.0200	0.0185		mg/Kg		93	72 - 120	1	30
N-Propylbenzene	0.0200	0.0188		mg/Kg		94	68 - 120	0	30
o-Xylene	0.0200	0.0190		mg/Kg		95	80 - 120	3	30
sec-Butylbenzene	0.0200	0.0190		mg/Kg		95	78 - 120	1	30
Styrene	0.0200	0.0181		mg/Kg		91	80 - 120	1	30
tert-Butylbenzene	0.0200	0.0191		mg/Kg		96	80 - 120	0	30
Tetrachloroethene	0.0200	0.0187		mg/Kg		94	73 - 120	1	30
Toluene	0.0200	0.0176		mg/Kg		88	80 - 120	2	30
trans-1,2-Dichloroethene	0.0200	0.0190		mg/Kg		95	78 - 120	0	30
trans-1,3-Dichloropropene	0.0200	0.0175		mg/Kg		87	77 - 120	1	30
Trichloroethene	0.0200	0.0191		mg/Kg		96	80 - 120	2	30
Trichlorofluoromethane	0.0200	0.0180		mg/Kg		90	61 - 130	2	30
Vinyl chloride	0.0200	0.0175		mg/Kg		88	54 - 122	3	30
Xylenes, Total	0.0400	0.0379		mg/Kg		95	80 - 120	3	30

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1,2-Dichloroethane-d4 (Surr)	89		65 - 138
4-Bromofluorobenzene	99		71 - 128
Dibromofluoromethane (Surr)	98		50 - 150
Toluene-d8 (Surr)	96		71 - 126

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-1045291/1-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
1,1'-Biphenyl	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
1,2,4,5-Tetrachlorobenzene	0.33	U	0.33	0.010	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
1,4-Dioxane	0.033	U	0.033	0.029	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,2'-oxybis[1-chloropropane]	0.33	U	0.33	0.020	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045291/1-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,3,4,6-Tetrachlorophenol	0.33	U	0.33	0.022	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4,5-Trichlorophenol	0.33	U	0.33	0.034	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4,6-Trichlorophenol	0.13	U	0.13	0.042	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dichlorophenol	0.13	U	0.13	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dimethylphenol	0.33	U	0.33	0.039	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dinitrophenol	0.27	U	0.27	0.16	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,4-Dinitrotoluene	0.067	U	0.067	0.036	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2,6-Dinitrotoluene	0.067	U	0.067	0.024	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Chloronaphthalene	0.33	U	0.33	0.043	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Chlorophenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Methylnaphthalene	0.33	U	0.33	0.0093	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Methylphenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Nitroaniline	0.33	U	0.33	0.025	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
2-Nitrophenol	0.33	U	0.33	0.033	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3 & 4 Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3,3'-Dichlorobenzidine	0.13	U	0.13	0.050	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
3-Nitroaniline	0.33	U	0.33	0.079	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4,6-Dinitro-2-methylphenol	0.27	U	0.27	0.14	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Bromophenyl phenyl ether	0.33	U	0.33	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chloro-3-methylphenol	0.33	U	0.33	0.019	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chloroaniline	0.33	U	0.33	0.059	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Chlorophenyl phenyl ether	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Methylphenol	0.33	U	0.33	0.021	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Nitroaniline	0.33	U	0.33	0.084	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
4-Nitrophenol	0.67	U	0.67	0.054	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acenaphthene	0.33	U	0.33	0.0094	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acenaphthylene	0.33	U	0.33	0.0095	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Acetophenone	0.33	U	0.33	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Anthracene	0.33	U	0.33	0.010	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Atrazine	0.13	U	0.13	0.019	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzaldehyde	0.33	U	0.33	0.055	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[a]anthracene	0.033	U	0.033	0.025	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[a]pyrene	0.033	U	0.033	0.0088	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[b]fluoranthene	0.033	U	0.033	0.0086	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[g,h,i]perylene	0.33	U	0.33	0.0098	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Benzo[k]fluoranthene	0.033	U	0.033	0.0065	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-chloroethoxy)methane	0.33	U	0.33	0.061	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-chloroethyl)ether	0.033	U	0.033	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Bis(2-ethylhexyl) phthalate	0.33	U	0.33	0.017	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Butyl benzyl phthalate	0.33	U	0.33	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Caprolactam	0.33	U	0.33	0.051	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Carbazole	0.33	U	0.33	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Chrysene	0.33	U	0.33	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dibenz(a,h)anthracene	0.033	U	0.033	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dibenzofuran	0.33	U	0.33	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Diethyl phthalate	0.33	U	0.33	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Dimethyl phthalate	0.33	U	0.33	0.075	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Di-n-butyl phthalate	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Di-n-octyl phthalate	0.33	U	0.33	0.018	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-1045291/1-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Fluorene	0.33	U	0.33	0.0097	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachlorobenzene	0.033	U	0.033	0.016	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachlorobutadiene	0.067	U	0.067	0.0070	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachlorocyclopentadiene	0.33	U	0.33	0.029	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Hexachloroethane	0.033	U	0.033	0.011	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Indeno[1,2,3-cd]pyrene	0.033	U	0.033	0.013	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Isophorone	0.13	U	0.13	0.096	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Naphthalene	0.33	U	0.33	0.0057	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Nitrobenzene	0.033	U	0.033	0.018	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
N-Nitrosodi-n-propylamine	0.033	U	0.033	0.024	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
N-Nitrosodiphenylamine	0.33	U	0.33	0.027	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Pentachlorophenol	0.27	U	0.27	0.068	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Phenanthrene	0.33	U	0.33	0.014	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Phenol	0.33	U	0.33	0.012	mg/Kg		06/21/25 11:49	06/22/25 14:04	1
Pyrene	0.33	U	0.33	0.0082	mg/Kg		06/21/25 11:49	06/22/25 14:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	79		18 - 137	06/21/25 11:49	06/22/25 14:04	1
2-Fluorobiphenyl	72		33 - 117	06/21/25 11:49	06/22/25 14:04	1
2-Fluorophenol (Surr)	73		24 - 120	06/21/25 11:49	06/22/25 14:04	1
Nitrobenzene-d5 (Surr)	70		27 - 120	06/21/25 11:49	06/22/25 14:04	1
Phenol-d5 (Surr)	70		28 - 118	06/21/25 11:49	06/22/25 14:04	1
Terphenyl-d14 (Surr)	81		33 - 124	06/21/25 11:49	06/22/25 14:04	1

Lab Sample ID: LCS 460-1045291/2-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1'-Biphenyl	3.33	2.81		mg/Kg		84	64 - 120
1,2,4,5-Tetrachlorobenzene	3.33	2.83		mg/Kg		85	60 - 120
1,4-Dioxane	3.33	1.81		mg/Kg		54	31 - 105
2,2'-oxybis[1-chloropropane]	3.33	2.49		mg/Kg		75	50 - 126
2,3,4,6-Tetrachlorophenol	3.33	3.24		mg/Kg		97	62 - 120
2,4,5-Trichlorophenol	3.33	3.05		mg/Kg		91	64 - 120
2,4,6-Trichlorophenol	3.33	3.03		mg/Kg		91	65 - 120
2,4-Dichlorophenol	3.33	3.03		mg/Kg		91	66 - 120
2,4-Dimethylphenol	3.33	2.88		mg/Kg		87	75 - 136
2,4-Dinitrophenol	6.67	6.31		mg/Kg		95	41 - 120
2,4-Dinitrotoluene	3.33	3.39		mg/Kg		102	65 - 124
2,6-Dinitrotoluene	3.33	3.22		mg/Kg		96	67 - 121
2-Chloronaphthalene	3.33	2.82		mg/Kg		85	64 - 120
2-Chlorophenol	3.33	2.93		mg/Kg		88	63 - 120
2-Methylnaphthalene	3.33	2.83		mg/Kg		85	56 - 102
2-Methylphenol	3.33	2.99		mg/Kg		90	63 - 120
2-Nitroaniline	3.33	2.50		mg/Kg		75	52 - 120
2-Nitrophenol	3.33	2.92		mg/Kg		88	64 - 120

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1045291/2-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
3 & 4 Methylphenol	3.33	2.80		mg/Kg		84	61 - 120
3,3'-Dichlorobenzidine	3.33	1.87		mg/Kg		56	10 - 106
3-Nitroaniline	3.33	2.20		mg/Kg		66	18 - 105
4,6-Dinitro-2-methylphenol	6.67	7.04		mg/Kg		106	61 - 127
4-Bromophenyl phenyl ether	3.33	3.28		mg/Kg		98	64 - 120
4-Chloro-3-methylphenol	3.33	3.03		mg/Kg		91	68 - 120
4-Chloroaniline	3.33	1.35		mg/Kg		41	10 - 107
4-Chlorophenyl phenyl ether	3.33	3.06		mg/Kg		92	62 - 120
4-Methylphenol	3.33	2.80		mg/Kg		84	61 - 120
4-Nitroaniline	3.33	2.78		mg/Kg		83	51 - 112
4-Nitrophenol	6.67	5.72		mg/Kg		86	52 - 122
Acenaphthene	3.33	2.85		mg/Kg		85	65 - 120
Acenaphthylene	3.33	2.87		mg/Kg		86	68 - 120
Acetophenone	3.33	2.75		mg/Kg		83	61 - 111
Anthracene	3.33	3.18		mg/Kg		95	67 - 120
Atrazine	1.33	3.45	*	mg/Kg		259	52 - 150
Benzaldehyde	1.33	2.22	*	mg/Kg		167	45 - 150
Benzo[a]anthracene	3.33	3.05		mg/Kg		91	66 - 120
Benzo[a]pyrene	3.33	3.34		mg/Kg		100	69 - 123
Benzo[b]fluoranthene	3.33	3.38		mg/Kg		101	66 - 125
Benzo[g,h,i]perylene	3.33	3.05		mg/Kg		92	66 - 138
Benzo[k]fluoranthene	3.33	3.25		mg/Kg		97	67 - 122
Bis(2-chloroethoxy)methane	3.33	2.72		mg/Kg		82	62 - 120
Bis(2-chloroethyl)ether	3.33	2.88		mg/Kg		86	60 - 120
Bis(2-ethylhexyl) phthalate	3.33	3.18		mg/Kg		96	64 - 125
Butyl benzyl phthalate	3.33	3.17		mg/Kg		95	62 - 127
Caprolactam	1.33	2.98	*	mg/Kg		223	46 - 150
Carbazole	3.33	3.24		mg/Kg		97	64 - 120
Chrysene	3.33	3.01		mg/Kg		90	67 - 120
Dibenz(a,h)anthracene	3.33	3.17		mg/Kg		95	66 - 128
Dibenzofuran	3.33	3.00		mg/Kg		90	61 - 120
Diethyl phthalate	3.33	3.14		mg/Kg		94	63 - 120
Dimethyl phthalate	3.33	3.14		mg/Kg		94	65 - 120
Di-n-butyl phthalate	3.33	3.44		mg/Kg		103	61 - 120
Di-n-octyl phthalate	3.33	3.49		mg/Kg		105	61 - 123
Fluoranthene	3.33	3.33		mg/Kg		100	61 - 120
Fluorene	3.33	3.00		mg/Kg		90	64 - 120
Hexachlorobenzene	3.33	3.26		mg/Kg		98	66 - 120
Hexachlorobutadiene	3.33	2.83		mg/Kg		85	62 - 120
Hexachlorocyclopentadiene	3.33	2.58		mg/Kg		77	32 - 150
Hexachloroethane	3.33	2.71		mg/Kg		81	61 - 112
Indeno[1,2,3-cd]pyrene	3.33	3.17		mg/Kg		95	63 - 137
Isophorone	3.33	2.72		mg/Kg		82	61 - 120
Naphthalene	3.33	2.78		mg/Kg		83	63 - 113
Nitrobenzene	3.33	2.80		mg/Kg		84	63 - 120
N-Nitrosodi-n-propylamine	3.33	2.78		mg/Kg		83	60 - 120
N-Nitrosodiphenylamine	3.33	3.10		mg/Kg		93	63 - 120
Pentachlorophenol	6.67	6.51		mg/Kg		98	61 - 126
Phenanthrene	3.33	3.13		mg/Kg		94	66 - 120

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-1045291/2-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenol	3.33	2.94		mg/Kg		88	63 - 120
Pyrene	3.33	3.03		mg/Kg		91	61 - 121

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	94		18 - 137
2-Fluorobiphenyl	81		33 - 117
2-Fluorophenol (Surr)	81		24 - 120
Nitrobenzene-d5 (Surr)	75		27 - 120
Phenol-d5 (Surr)	80		28 - 118
Terphenyl-d14 (Surr)	83		33 - 124

Lab Sample ID: LCSD 460-1045291/3-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,1'-Biphenyl	3.33	2.85		mg/Kg		85	64 - 120	1	30
1,2,4,5-Tetrachlorobenzene	3.33	2.89		mg/Kg		87	60 - 120	2	30
1,4-Dioxane	3.33	1.79		mg/Kg		54	31 - 105	1	30
2,2'-oxybis[1-chloropropane]	3.33	2.42		mg/Kg		72	50 - 126	3	30
2,3,4,6-Tetrachlorophenol	3.33	3.26		mg/Kg		98	62 - 120	1	30
2,4,5-Trichlorophenol	3.33	3.12		mg/Kg		94	64 - 120	2	30
2,4,6-Trichlorophenol	3.33	3.08		mg/Kg		92	65 - 120	2	30
2,4-Dichlorophenol	3.33	3.05		mg/Kg		91	66 - 120	1	30
2,4-Dimethylphenol	3.33	2.90		mg/Kg		87	75 - 136	0	30
2,4-Dinitrophenol	6.67	6.27		mg/Kg		94	41 - 120	1	30
2,4-Dinitrotoluene	3.33	3.42		mg/Kg		102	65 - 124	1	30
2,6-Dinitrotoluene	3.33	3.25		mg/Kg		98	67 - 121	1	30
2-Chloronaphthalene	3.33	2.84		mg/Kg		85	64 - 120	1	30
2-Chlorophenol	3.33	2.89		mg/Kg		87	63 - 120	1	30
2-Methylnaphthalene	3.33	2.85		mg/Kg		86	56 - 102	1	30
2-Methylphenol	3.33	2.90		mg/Kg		87	63 - 120	3	30
2-Nitroaniline	3.33	2.53		mg/Kg		76	52 - 120	1	30
2-Nitrophenol	3.33	2.96		mg/Kg		89	64 - 120	1	30
3 & 4 Methylphenol	3.33	2.78		mg/Kg		83	61 - 120	1	30
3,3'-Dichlorobenzidine	3.33	1.91		mg/Kg		57	10 - 106	2	30
3-Nitroaniline	3.33	2.19		mg/Kg		66	18 - 105	0	30
4,6-Dinitro-2-methylphenol	6.67	7.10		mg/Kg		107	61 - 127	1	30
4-Bromophenyl phenyl ether	3.33	3.32		mg/Kg		100	64 - 120	1	30
4-Chloro-3-methylphenol	3.33	3.03		mg/Kg		91	68 - 120	0	30
4-Chloroaniline	3.33	1.40		mg/Kg		42	10 - 107	3	30
4-Chlorophenyl phenyl ether	3.33	3.13		mg/Kg		94	62 - 120	2	30
4-Methylphenol	3.33	2.78		mg/Kg		83	61 - 120	1	30
4-Nitroaniline	3.33	2.86		mg/Kg		86	51 - 112	3	30
4-Nitrophenol	6.67	6.17		mg/Kg		93	52 - 122	8	30
Acenaphthene	3.33	2.88		mg/Kg		86	65 - 120	1	30
Acenaphthylene	3.33	2.91		mg/Kg		87	68 - 120	1	30
Acetophenone	3.33	2.73		mg/Kg		82	61 - 111	1	30

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 460-1045291/3-A

Matrix: Solid

Analysis Batch: 1045389

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1045291

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Anthracene	3.33	3.21		mg/Kg		96	67 - 120	1	30
Atrazine	1.33	3.40	*	mg/Kg		255	52 - 150	2	30
Benzaldehyde	1.33	2.20	*	mg/Kg		165	45 - 150	1	30
Benzo[a]anthracene	3.33	3.03		mg/Kg		91	66 - 120	0	30
Benzo[a]pyrene	3.33	3.37		mg/Kg		101	69 - 123	1	30
Benzo[b]fluoranthene	3.33	3.26		mg/Kg		98	66 - 125	3	30
Benzo[g,h,i]perylene	3.33	3.13		mg/Kg		94	66 - 138	3	30
Benzo[k]fluoranthene	3.33	3.35		mg/Kg		101	67 - 122	3	30
Bis(2-chloroethoxy)methane	3.33	2.73		mg/Kg		82	62 - 120	0	30
Bis(2-chloroethyl)ether	3.33	2.89		mg/Kg		87	60 - 120	0	30
Bis(2-ethylhexyl) phthalate	3.33	3.14		mg/Kg		94	64 - 125	1	30
Butyl benzyl phthalate	3.33	3.12		mg/Kg		94	62 - 127	1	30
Caprolactam	1.33	3.02	*	mg/Kg		226	46 - 150	1	30
Carbazole	3.33	3.28		mg/Kg		98	64 - 120	1	30
Chrysene	3.33	3.02		mg/Kg		91	67 - 120	0	30
Dibenz(a,h)anthracene	3.33	3.25		mg/Kg		98	66 - 128	3	30
Dibenzofuran	3.33	3.02		mg/Kg		91	61 - 120	1	30
Diethyl phthalate	3.33	3.15		mg/Kg		95	63 - 120	0	30
Dimethyl phthalate	3.33	3.14		mg/Kg		94	65 - 120	0	30
Di-n-butyl phthalate	3.33	3.49		mg/Kg		105	61 - 120	1	30
Di-n-octyl phthalate	3.33	3.43		mg/Kg		103	61 - 123	2	30
Fluoranthene	3.33	3.35		mg/Kg		101	61 - 120	1	30
Fluorene	3.33	3.04		mg/Kg		91	64 - 120	1	30
Hexachlorobenzene	3.33	3.29		mg/Kg		99	66 - 120	1	30
Hexachlorobutadiene	3.33	2.82		mg/Kg		84	62 - 120	0	30
Hexachlorocyclopentadiene	3.33	2.61		mg/Kg		78	32 - 150	1	30
Hexachloroethane	3.33	2.66		mg/Kg		80	61 - 112	2	30
Indeno[1,2,3-cd]pyrene	3.33	3.28		mg/Kg		98	63 - 137	4	30
Isophorone	3.33	2.73		mg/Kg		82	61 - 120	0	30
Naphthalene	3.33	2.80		mg/Kg		84	63 - 113	1	30
Nitrobenzene	3.33	2.75		mg/Kg		83	63 - 120	2	30
N-Nitrosodi-n-propylamine	3.33	2.73		mg/Kg		82	60 - 120	2	30
N-Nitrosodiphenylamine	3.33	3.09		mg/Kg		93	63 - 120	0	30
Pentachlorophenol	6.67	6.51		mg/Kg		98	61 - 126	0	30
Phenanthrene	3.33	3.19		mg/Kg		96	66 - 120	2	30
Phenol	3.33	2.86		mg/Kg		86	63 - 120	3	30
Pyrene	3.33	3.01		mg/Kg		90	61 - 121	1	30

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
2,4,6-Tribromophenol (Surr)	95		18 - 137
2-Fluorobiphenyl	82		33 - 117
2-Fluorophenol (Surr)	81		24 - 120
Nitrobenzene-d5 (Surr)	76		27 - 120
Phenol-d5 (Surr)	79		28 - 118
Terphenyl-d14 (Surr)	82		33 - 124

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 6020B - Metals (ICP/MS)

Lab Sample ID: MB 460-1045504/1-A

Matrix: Solid

Analysis Batch: 1045796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045504

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	20.0	U	20.0	5.5	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Antimony	1.0	U	1.0	0.15	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Arsenic	1.0	U	1.0	0.10	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Barium	2.0	U	2.0	0.15	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Beryllium	0.40	U	0.40	0.022	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Cadmium	1.0	U	1.0	0.11	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Calcium	100	U	100	9.7	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Chromium	2.0	U	2.0	0.30	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Cobalt	2.0	U	2.0	0.15	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Copper	2.0	U	2.0	0.37	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Iron	60.0	U	60.0	7.7	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Lead	0.60	U	0.60	0.20	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Magnesium	100	U	100	10.2	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Manganese	4.0	U	4.0	0.40	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Nickel	2.0	U	2.0	0.18	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Potassium	100	U	100	16.2	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Selenium	1.3	U	1.3	0.13	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Silver	0.40	U	0.40	0.089	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Sodium	100	U	100	45.7	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Thallium	0.40	U	0.40	0.041	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Vanadium	2.0	U	2.0	0.21	mg/Kg		06/23/25 07:31	06/24/25 12:18	1
Zinc	8.0	U	8.0	1.1	mg/Kg		06/23/25 07:31	06/24/25 12:18	1

Lab Sample ID: LCSSRM 460-1045504/2-A ^3

Matrix: Solid

Analysis Batch: 1045796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045504

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Aluminum	6840	6350		mg/Kg		92.8	53.2 - 146.2
Antimony	131	78.44		mg/Kg		59.9	4.5 - 195.4
Arsenic	192	184.1		mg/Kg		95.9	81.3 - 118.8
Barium	219	187.3		mg/Kg		85.5	81.7 - 118.3
Beryllium	146	149.2		mg/Kg		102.2	82.2 - 117.8
Cadmium	114	108.9		mg/Kg		95.5	81.7 - 118.4
Calcium	4080	3797		mg/Kg		93.1	82.4 - 117.6
Chromium	153	144.0		mg/Kg		94.1	81.0 - 119.0
Cobalt	231	223.2		mg/Kg		96.6	83.1 - 117.3
Copper	91.2	89.85		mg/Kg		98.5	83.1 - 117.3
Iron	7020	6452		mg/Kg		91.9	60.7 - 139.2
Lead	141	132.8		mg/Kg		94.2	81.6 - 118.4

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method: 6020B - Metals (ICP/MS) (Continued)

Lab Sample ID: LCSSRM 460-1045504/2-A ^3

Matrix: Solid

Analysis Batch: 1045796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045504

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Magnesium	1900	1861		mg/Kg		98.0	76.3 - 123.7
Manganese	401	376.2		mg/Kg		93.8	80.8 - 119.0
Nickel	143	143.6		mg/Kg		100.4	81.8 - 118.9
Potassium	1760	1645		mg/Kg		93.5	72.2 - 127.8
Selenium	94.7	90.39		mg/Kg		95.5	78.5 - 121.4
Silver	77.0	76.30		mg/Kg		99.1	79.4 - 120.6
Sodium	661	676.7		mg/Kg		102.4	73.7 - 126.2
Thallium	183	190.2		mg/Kg		104.0	80.3 - 119.7
Vanadium	159	147.4		mg/Kg		92.7	78.6 - 122.0
Zinc	292	283.3		mg/Kg		97.0	79.8 - 120.2

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 460-1045889/1-A

Matrix: Solid

Analysis Batch: 1046069

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1045889

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.017	U	0.017	0.0080	mg/Kg		06/25/25 02:38	06/25/25 15:11	1

Lab Sample ID: LCSSRM 460-1045889/2-A

Matrix: Solid

Analysis Batch: 1046069

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1045889

Analyte	Spike Added	LCSSRM Result	LCSSRM Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	14.1	10.20		mg/Kg		72.4	69.6 - 130.5

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

GC/MS VOA

Prep Batch: 1045109

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	5035	1045109
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	5035	
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	5035	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	5035	

Analysis Batch: 1045423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	8260D	1045109
MB 460-1045423/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045423/3	Lab Control Sample	Total/NA	Solid	8260D	
LCSD 460-1045423/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

Analysis Batch: 1045465

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	8260D	1045109
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	8260D	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	8260D	
MB 460-1045465/8	Method Blank	Total/NA	Solid	8260D	
LCS 460-1045465/3	Lab Control Sample	Total/NA	Solid	8260D	1045109
LCSD 460-1045465/4	Lab Control Sample Dup	Total/NA	Solid	8260D	

GC/MS Semi VOA

Prep Batch: 1045291

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	3546	1045291
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	3546	
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	3546	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	3546	
MB 460-1045291/1-A	Method Blank	Total/NA	Solid	3546	1045291
LCS 460-1045291/2-A	Lab Control Sample	Total/NA	Solid	3546	
LCSD 460-1045291/3-A	Lab Control Sample Dup	Total/NA	Solid	3546	

Analysis Batch: 1045389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	8270E	1045291
MB 460-1045291/1-A	Method Blank	Total/NA	Solid	8270E	
LCS 460-1045291/2-A	Lab Control Sample	Total/NA	Solid	8270E	
LCSD 460-1045291/3-A	Lab Control Sample Dup	Total/NA	Solid	8270E	

Analysis Batch: 1045487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	8270E	1045291
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	8270E	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	8270E	

Metals

Prep Batch: 1045504

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	3050B	1045504
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	3050B	

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QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Metals (Continued)

Prep Batch: 1045504 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	3050B	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	3050B	
MB 460-1045504/1-A	Method Blank	Total/NA	Solid	3050B	
LCSSRM 460-1045504/2-A ^	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 1045796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	6020B	1045504
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	6020B	1045504
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	6020B	1045504
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	6020B	1045504
MB 460-1045504/1-A	Method Blank	Total/NA	Solid	6020B	1045504
LCSSRM 460-1045504/2-A ^	Lab Control Sample	Total/NA	Solid	6020B	1045504

Prep Batch: 1045889

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	7471B	
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	7471B	
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	7471B	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	7471B	
MB 460-1045889/1-A	Method Blank	Total/NA	Solid	7471B	
LCSSRM 460-1045889/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 1046069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	7471B	1045889
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	7471B	1045889
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	7471B	1045889
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	7471B	1045889
MB 460-1045889/1-A	Method Blank	Total/NA	Solid	7471B	1045889
LCSSRM 460-1045889/2-A	Lab Control Sample	Total/NA	Solid	7471B	1045889

General Chemistry

Analysis Batch: 1045019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-328835-1	RI-SB-4 (0-2)	Total/NA	Solid	Moisture	
460-328835-2	RI-SB-5 (0-2)	Total/NA	Solid	Moisture	
460-328835-3	RI-SB-6 (0-2)	Total/NA	Solid	Moisture	
460-328835-4	RI-SB-7 (0-2)	Total/NA	Solid	Moisture	

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-4 (0-2)

Date Collected: 06/16/25 09:00

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RI-SB-4 (0-2)

Date Collected: 06/16/25 09:00

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-1

Matrix: Solid

Percent Solids: 90.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045109	JCZ	EET EDI	06/20/25 14:27
Total/NA	Analysis	8260D		1	1045423	AAT	EET EDI	06/23/25 02:37
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 15:05
Total/NA	Prep	3050B			1045504	FBT	EET EDI	06/23/25 07:31
Total/NA	Analysis	6020B		1	1045796	CDC	EET EDI	06/24/25 13:10
Total/NA	Prep	7471B			1045889	TJS	EET EDI	06/25/25 02:38
Total/NA	Analysis	7471B		1	1046069	JKF	EET EDI	06/25/25 15:39

Client Sample ID: RI-SB-5 (0-2)

Date Collected: 06/16/25 09:15

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RI-SB-5 (0-2)

Date Collected: 06/16/25 09:15

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-2

Matrix: Solid

Percent Solids: 90.7

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045109	JCZ	EET EDI	06/20/25 14:27
Total/NA	Analysis	8260D		1	1045465	AAT	EET EDI	06/23/25 08:40
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 13:54
Total/NA	Prep	3050B			1045504	FBT	EET EDI	06/23/25 07:31
Total/NA	Analysis	6020B		1	1045796	CDC	EET EDI	06/24/25 13:12
Total/NA	Prep	7471B			1045889	TJS	EET EDI	06/25/25 02:38
Total/NA	Analysis	7471B		1	1046069	JKF	EET EDI	06/25/25 15:42

Client Sample ID: RI-SB-6 (0-2)

Date Collected: 06/16/25 09:40

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Eurofins Edison

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Client Sample ID: RI-SB-6 (0-2)

Date Collected: 06/16/25 09:40

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-3

Matrix: Solid

Percent Solids: 98.6

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045109	JCZ	EET EDI	06/20/25 14:28
Total/NA	Analysis	8260D		1	1045465	AAT	EET EDI	06/23/25 09:04
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045389	YAH	EET EDI	06/22/25 17:54
Total/NA	Prep	3050B			1045504	FBT	EET EDI	06/23/25 07:31
Total/NA	Analysis	6020B		1	1045796	CDC	EET EDI	06/24/25 13:15
Total/NA	Prep	7471B			1045889	TJS	EET EDI	06/25/25 02:38
Total/NA	Analysis	7471B		1	1046069	JKF	EET EDI	06/25/25 15:45

Client Sample ID: RI-SB-7 (0-2)

Date Collected: 06/16/25 10:00

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	1045019	DAN	EET EDI	06/20/25 08:32

Client Sample ID: RI-SB-7 (0-2)

Date Collected: 06/16/25 10:00

Date Received: 06/18/25 19:10

Lab Sample ID: 460-328835-4

Matrix: Solid

Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	5035			1045109	JCZ	EET EDI	06/20/25 14:28
Total/NA	Analysis	8260D		1	1045465	AAT	EET EDI	06/23/25 09:27
Total/NA	Prep	3546			1045291	SXS	EET EDI	06/21/25 11:49
Total/NA	Analysis	8270E		1	1045487	DXD	EET EDI	06/23/25 12:42
Total/NA	Prep	3050B			1045504	FBT	EET EDI	06/23/25 07:31
Total/NA	Analysis	6020B		1	1045796	CDC	EET EDI	06/24/25 13:18
Total/NA	Prep	7471B			1045889	TJS	EET EDI	06/25/25 02:38
Total/NA	Analysis	7471B		1	1046069	JKF	EET EDI	06/25/25 15:48

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Laboratory: Eurofins Edison

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	03-31-26
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8270E	3546	Solid	3 & 4 Methylphenol
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-328835-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET EDI
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET EDI
6020B	Metals (ICP/MS)	SW846	EET EDI
7471B	Mercury (CVAA)	SW846	EET EDI
Moisture	Percent Moisture	EPA	EET EDI
3050B	Preparation, Metals	SW846	EET EDI
3546	Microwave Extraction	SW846	EET EDI
5035	Closed System Purge and Trap	SW846	EET EDI
7471B	Preparation, Mercury	SW846	EET EDI

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

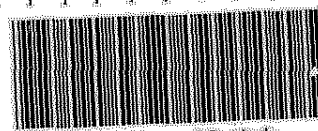
Job ID: 460-328835-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
460-328835-1	RI-SB-4 (0-2)	Solid	06/16/25 09:00	06/18/25 19:10
460-328835-2	RI-SB-5 (0-2)	Solid	06/16/25 09:15	06/18/25 19:10
460-328835-3	RI-SB-6 (0-2)	Solid	06/16/25 09:40	06/18/25 19:10
460-328835-4	RI-SB-7 (0-2)	Solid	06/16/25 10:00	06/18/25 19:10

TAL-8210

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NYC 222



460-328835 Chain of Custody

TC
frozen

NO CS 1R#9 08-1.2

6/19/25 1345

Age Group	Number of People
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15

328835

Number of Coolers: <u>1</u>		IR Gun # <u>9</u>	
Cooler Temperatures			
	RAW	CORRECTED	
Cooler #1:	0.8 °C	1.2 °C	
Cooler #2:	°C	°C	
Cooler #3:	°C	°C	
	RAW	CORRECTED	
Cooler #4:	°C	°C	
Cooler #5:	°C	°C	
Cooler #6:	°C	°C	
	RAW	CORRECTED	
Cooler #7:	°C	°C	
Cooler #8:	°C	°C	
Cooler #9:	°C	°C	

[illegible]

Date: 6/18/25

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-328835-1

Login Number: 328835

List Source: Eurofins Edison

List Number: 1

Creator: Khlungprakhon, Sukanya

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	



ANALYTICAL REPORT

PREPARED FOR

Attn: Rich Fasciani
GEI Consultants Inc
1000 New York Avenue
Huntington Station, New York 11746

Generated 6/24/2025 4:22:24 PM

JOB DESCRIPTION

20/40 Jerusalem Avenue

JOB NUMBER

460-329019-1

Eurofins Edison

Job Notes

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The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Northeast, LLC Project Manager.

Authorization



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Authorized for release by
Katelyn Connelly, Project Manager I
Katelyn.Connelly@et.eurofinsus.com
(732)549-3900

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Definitions/Glossary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Qualifiers

Air - GC/MS VOA

Qualifier	Qualifier Description
B	The analyte was found in an associated blank, as well as in the sample.
E	Compound concentration exceeds the upper level of the calibration range of the instrument for that specific analysis.
J	Indicates an estimated value.
U	Analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
☼	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: GEI Consultants Inc
Project: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Job ID: 460-329019-1

Eurofins Edison

Job Narrative 460-329019-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt

The samples were received on 6/21/2025 10:30 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice.

Air - GC/MS VOA

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Lab Sample ID: 460-329019-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Vinyl chloride	22.6		7.60	2.82	ug/m3	38		TO-15	Total/NA
Carbon disulfide	39.5	J B	59.2	21.3	ug/m3	38		TO-15	Total/NA
trans-1,2-Dichloroethene	638		30.1	3.01	ug/m3	38		TO-15	Total/NA
cis-1,2-Dichloroethene	8390	E	7.60	4.82	ug/m3	38		TO-15	Total/NA
Chloroform	27.3	J	37.1	10.9	ug/m3	38		TO-15	Total/NA
Trichloroethene	9450	E	7.60	5.92	ug/m3	38		TO-15	Total/NA
Toluene	25.9	J	28.6	7.73	ug/m3	38		TO-15	Total/NA
Tetrachloroethene	24000	E	51.5	9.28	ug/m3	38		TO-15	Total/NA
Ethylbenzene	11.2	J	33.0	8.42	ug/m3	38		TO-15	Total/NA
m,p-Xylene	39.4	J	82.5	2.31	ug/m3	38		TO-15	Total/NA
o-Xylene	12.3	J	33.0	11.4	ug/m3	38		TO-15	Total/NA
1,2,4-Trimethylbenzene	16.4	J	37.4	15.3	ug/m3	38		TO-15	Total/NA
Carbon disulfide - DL	196	J B	318	114	ug/m3	204		TO-15	Total/NA
trans-1,2-Dichloroethene - DL	556		162	16.2	ug/m3	204		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	7440		40.8	25.9	ug/m3	204		TO-15	Total/NA
Trichloroethene - DL	8520		40.8	31.8	ug/m3	204		TO-15	Total/NA
Tetrachloroethene - DL	23800		277	49.8	ug/m3	204		TO-15	Total/NA
m,p-Xylene - DL	26.3	J	443	12.4	ug/m3	204		TO-15	Total/NA

Client Sample ID: SV-2

Lab Sample ID: 460-329019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.55		2.47	1.09	ug/m3	1		TO-15	Total/NA
Chloromethane	2.18		1.03	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	53.8		1.19	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	33.4		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.93		1.12	0.43	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.59	J	1.53	0.44	ug/m3	1		TO-15	Total/NA
Acetone	232	E	11.9	4.51	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	23.6		12.3	5.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.63	B	1.56	0.56	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	51.5		15.2	4.85	ug/m3	1		TO-15	Total/NA
n-Hexane	20.7		1.76	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	29.5		1.47	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	9.24		0.98	0.29	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.16		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.32		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	5.70		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	19.5		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	21.2		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	8.99		0.20	0.16	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	2.05		2.05	0.53	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.19		2.05	0.78	ug/m3	1		TO-15	Total/NA
Toluene	116		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	424	E	1.36	0.24	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.51	J	2.05	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	26.3		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	101		2.17	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	34.6		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	2.20		0.85	0.24	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	6.56		0.98	0.30	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

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Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-2 (Continued)

Lab Sample ID: 460-329019-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4-Ethyltoluene	10.0		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	7.58		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	25.4		0.98	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	2.10		1.10	0.43	ug/m3	1		TO-15	Total/NA
Naphthalene	0.97	J	2.00	0.58	ug/m3	1		TO-15	Total/NA
n-Butane - DL	43.1		5.94	3.68	ug/m3	5		TO-15	Total/NA
1,3-Butadiene - DL	27.7		2.21	0.44	ug/m3	5		TO-15	Total/NA
Acetone - DL	188		59.4	22.6	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	9.64	B	7.79	2.80	ug/m3	5		TO-15	Total/NA
tert-Butyl alcohol - DL	45.1	J	75.8	24.3	ug/m3	5		TO-15	Total/NA
n-Hexane - DL	16.8		8.81	2.82	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	25.3		7.37	2.06	ug/m3	5		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	1.64		1.00	0.63	ug/m3	5		TO-15	Total/NA
Chloroform - DL	8.77		4.88	1.44	ug/m3	5		TO-15	Total/NA
Cyclohexane - DL	3.81		3.44	0.89	ug/m3	5		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	4.63	J	4.67	1.66	ug/m3	5		TO-15	Total/NA
Benzene - DL	17.9		3.19	0.81	ug/m3	5		TO-15	Total/NA
n-Heptane - DL	17.0		4.10	1.76	ug/m3	5		TO-15	Total/NA
Trichloroethene - DL	8.78		1.00	0.78	ug/m3	5		TO-15	Total/NA
Toluene - DL	120		3.77	1.02	ug/m3	5		TO-15	Total/NA
Tetrachloroethene - DL	480		6.78	1.22	ug/m3	5		TO-15	Total/NA
Ethylbenzene - DL	25.4		4.34	1.11	ug/m3	5		TO-15	Total/NA
m,p-Xylene - DL	99.1		10.9	0.30	ug/m3	5		TO-15	Total/NA
o-Xylene - DL	31.7		4.34	1.50	ug/m3	5		TO-15	Total/NA
n-Propylbenzene - DL	6.63		4.92	1.52	ug/m3	5		TO-15	Total/NA
4-Ethyltoluene - DL	10.1		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	7.98		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	25.3		4.92	2.02	ug/m3	5		TO-15	Total/NA
4-Isopropyltoluene - DL	2.43	J	5.49	2.14	ug/m3	5		TO-15	Total/NA

Client Sample ID: SV-3

Lab Sample ID: 460-329019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.70		2.47	1.09	ug/m3	1		TO-15	Total/NA
Chloromethane	0.82	J	1.03	0.68	ug/m3	1		TO-15	Total/NA
n-Butane	127	E	1.19	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	70.3		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.99		1.12	0.43	ug/m3	1		TO-15	Total/NA
Acetone	136	E	11.9	4.51	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	18.0		12.3	5.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	8.54	B	1.56	0.56	ug/m3	1		TO-15	Total/NA
Methylene Chloride	13.4		1.74	0.66	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	33.6		15.2	4.85	ug/m3	1		TO-15	Total/NA
n-Hexane	33.8		1.76	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	21.6		1.47	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	63.6		0.98	0.29	ug/m3	1		TO-15	Total/NA
1,1,1-Trichloroethane	1.22		1.09	0.40	ug/m3	1		TO-15	Total/NA
Cyclohexane	4.46		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.38		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	4.78		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	24.4		0.64	0.16	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-3 (Continued)

Lab Sample ID: 460-329019-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
n-Heptane	21.6		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	2.35		0.20	0.16	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	2.64		2.05	0.53	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.76		2.05	0.78	ug/m3	1		TO-15	Total/NA
Toluene	85.0		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	196		1.36	0.24	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.81	J	2.05	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	23.1		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	89.9		2.17	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	33.1		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	1.20		0.85	0.24	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	6.76		0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	10.1		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	8.02		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	21.5		0.98	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	5.87		1.10	0.43	ug/m3	1		TO-15	Total/NA
n-Butane - DL	115		5.94	3.68	ug/m3	5		TO-15	Total/NA
1,3-Butadiene - DL	61.3		2.21	0.44	ug/m3	5		TO-15	Total/NA
Acetone - DL	130		59.4	22.6	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	11.4	B	7.79	2.80	ug/m3	5		TO-15	Total/NA
Methylene Chloride - DL	13.5		8.68	3.30	ug/m3	5		TO-15	Total/NA
tert-Butyl alcohol - DL	31.2	J	75.8	24.3	ug/m3	5		TO-15	Total/NA
n-Hexane - DL	32.0		8.81	2.82	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	20.8		7.37	2.06	ug/m3	5		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	1.41		1.00	0.63	ug/m3	5		TO-15	Total/NA
Chloroform - DL	61.5		4.88	1.44	ug/m3	5		TO-15	Total/NA
Cyclohexane - DL	4.18		3.44	0.89	ug/m3	5		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	4.52	J	4.67	1.66	ug/m3	5		TO-15	Total/NA
Benzene - DL	24.6		3.19	0.81	ug/m3	5		TO-15	Total/NA
n-Heptane - DL	18.4		4.10	1.76	ug/m3	5		TO-15	Total/NA
Trichloroethene - DL	1.85		1.00	0.78	ug/m3	5		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone) - DL	4.00	J	10.2	3.89	ug/m3	5		TO-15	Total/NA
Toluene - DL	80.6		3.77	1.02	ug/m3	5		TO-15	Total/NA
Tetrachloroethene - DL	193		6.78	1.22	ug/m3	5		TO-15	Total/NA
Ethylbenzene - DL	20.6		4.34	1.11	ug/m3	5		TO-15	Total/NA
m,p-Xylene - DL	81.3		10.9	0.30	ug/m3	5		TO-15	Total/NA
o-Xylene - DL	28.4		4.34	1.50	ug/m3	5		TO-15	Total/NA
n-Propylbenzene - DL	5.95		4.92	1.52	ug/m3	5		TO-15	Total/NA
4-Ethyltoluene - DL	8.95		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	7.37		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	19.4		4.92	2.02	ug/m3	5		TO-15	Total/NA
4-Isopropyltoluene - DL	5.37	J	5.49	2.14	ug/m3	5		TO-15	Total/NA

Client Sample ID: SV-4

Lab Sample ID: 460-329019-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	2.94		2.47	1.09	ug/m3	1		TO-15	Total/NA
n-Butane	79.1		1.19	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	53.6		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	1.94		1.12	0.43	ug/m3	1		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-4 (Continued)

Lab Sample ID: 460-329019-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	189	E	11.9	4.51	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	30.9		12.3	5.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	5.65	B	1.56	0.56	ug/m3	1		TO-15	Total/NA
Methylene Chloride	0.94	J	1.74	0.66	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	46.8		15.2	4.85	ug/m3	1		TO-15	Total/NA
n-Hexane	23.6		1.76	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	31.3		1.47	0.41	ug/m3	1		TO-15	Total/NA
cis-1,2-Dichloroethene	18.1		0.20	0.13	ug/m3	1		TO-15	Total/NA
Chloroform	227	E	0.98	0.29	ug/m3	1		TO-15	Total/NA
Cyclohexane	5.16		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.26		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	6.72		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	22.7		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	21.0		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	42.4		0.20	0.16	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.65		2.05	0.78	ug/m3	1		TO-15	Total/NA
Toluene	110		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	852	E	1.36	0.24	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	2.10		2.05	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	24.3		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	79.8		2.17	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	24.9		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	0.77	J	0.85	0.24	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	3.26		0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	4.11		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	2.35		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	5.28		0.98	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	2.65		1.10	0.43	ug/m3	1		TO-15	Total/NA
n-Butane - DL	69.0		9.51	5.90	ug/m3	8		TO-15	Total/NA
1,3-Butadiene - DL	45.7		3.54	0.71	ug/m3	8		TO-15	Total/NA
Acetone - DL	168		95.0	36.1	ug/m3	8		TO-15	Total/NA
Carbon disulfide - DL	11.0	J B	12.5	4.48	ug/m3	8		TO-15	Total/NA
tert-Butyl alcohol - DL	40.8	J	121	38.8	ug/m3	8		TO-15	Total/NA
n-Hexane - DL	21.5		14.1	4.51	ug/m3	8		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	25.7		11.8	3.30	ug/m3	8		TO-15	Total/NA
cis-1,2-Dichloroethene - DL	17.3		1.60	1.01	ug/m3	8		TO-15	Total/NA
Chloroform - DL	216		7.81	2.30	ug/m3	8		TO-15	Total/NA
Cyclohexane - DL	4.20	J	5.51	1.43	ug/m3	8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	5.74	J	7.48	2.65	ug/m3	8		TO-15	Total/NA
Benzene - DL	20.2		5.11	1.30	ug/m3	8		TO-15	Total/NA
n-Heptane - DL	17.8		6.56	2.82	ug/m3	8		TO-15	Total/NA
Trichloroethene - DL	37.3		1.60	1.25	ug/m3	8		TO-15	Total/NA
Toluene - DL	98.8		6.03	1.63	ug/m3	8		TO-15	Total/NA
Tetrachloroethene - DL	1150		10.9	1.95	ug/m3	8		TO-15	Total/NA
Ethylbenzene - DL	19.7		6.95	1.77	ug/m3	8		TO-15	Total/NA
m,p-Xylene - DL	65.1		17.4	0.49	ug/m3	8		TO-15	Total/NA
o-Xylene - DL	17.9		6.95	2.40	ug/m3	8		TO-15	Total/NA
n-Propylbenzene - DL	2.66	J	7.87	2.44	ug/m3	8		TO-15	Total/NA
4-Ethyltoluene - DL	3.48	J	7.87	2.67	ug/m3	8		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	3.87	J	7.87	3.22	ug/m3	8		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-5

Lab Sample ID: 460-329019-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.13		2.47	1.09	ug/m3	1		TO-15	Total/NA
n-Butane	140	E	1.19	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	76.1		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.07		1.12	0.43	ug/m3	1		TO-15	Total/NA
1,1,2-Trichlorotrifluoroethane	0.60	J	1.53	0.44	ug/m3	1		TO-15	Total/NA
Acetone	176	E	11.9	4.51	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	32.9		12.3	5.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	6.48	B	1.56	0.56	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	47.8		15.2	4.85	ug/m3	1		TO-15	Total/NA
n-Hexane	38.1		1.76	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	24.9		1.47	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	14.1		0.98	0.29	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	17.0		14.7	5.01	ug/m3	1		TO-15	Total/NA
Cyclohexane	6.87		0.69	0.18	ug/m3	1		TO-15	Total/NA
Carbon tetrachloride	0.28		0.22	0.15	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	8.22		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	26.9		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	29.0		0.82	0.35	ug/m3	1		TO-15	Total/NA
Trichloroethene	0.34		0.20	0.16	ug/m3	1		TO-15	Total/NA
Toluene	127		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	217		1.36	0.24	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.31	J	2.05	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	31.0		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	113		2.17	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	40.1		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	1.82		0.85	0.24	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	6.22		0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	7.90		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	5.13		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	15.3		0.98	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	1.87		1.10	0.43	ug/m3	1		TO-15	Total/NA
n-Butane - DL	125		9.51	5.90	ug/m3	8		TO-15	Total/NA
1,3-Butadiene - DL	65.2		3.54	0.71	ug/m3	8		TO-15	Total/NA
Acetone - DL	156		95.0	36.1	ug/m3	8		TO-15	Total/NA
Carbon disulfide - DL	10.9	J B	12.5	4.48	ug/m3	8		TO-15	Total/NA
tert-Butyl alcohol - DL	44.0	J	121	38.8	ug/m3	8		TO-15	Total/NA
n-Hexane - DL	34.4		14.1	4.51	ug/m3	8		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	21.8		11.8	3.30	ug/m3	8		TO-15	Total/NA
Chloroform - DL	13.4		7.81	2.30	ug/m3	8		TO-15	Total/NA
Cyclohexane - DL	6.24		5.51	1.43	ug/m3	8		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	7.87		7.48	2.65	ug/m3	8		TO-15	Total/NA
Benzene - DL	24.8		5.11	1.30	ug/m3	8		TO-15	Total/NA
n-Heptane - DL	23.5		6.56	2.82	ug/m3	8		TO-15	Total/NA
Toluene - DL	126		6.03	1.63	ug/m3	8		TO-15	Total/NA
Tetrachloroethene - DL	216		10.9	1.95	ug/m3	8		TO-15	Total/NA
Ethylbenzene - DL	27.3		6.95	1.77	ug/m3	8		TO-15	Total/NA
m,p-Xylene - DL	98.6		17.4	0.49	ug/m3	8		TO-15	Total/NA
o-Xylene - DL	33.9		6.95	2.40	ug/m3	8		TO-15	Total/NA
Cumene - DL	5.60	J	7.87	2.83	ug/m3	8		TO-15	Total/NA
n-Propylbenzene - DL	5.69	J	7.87	2.44	ug/m3	8		TO-15	Total/NA
4-Ethyltoluene - DL	7.56	J	7.87	2.67	ug/m3	8		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-5 (Continued)

Lab Sample ID: 460-329019-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,3,5-Trimethylbenzene - DL	5.40	J	7.87	2.67	ug/m3	8		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	13.2		7.87	3.22	ug/m3	8		TO-15	Total/NA

Client Sample ID: SV-6

Lab Sample ID: 460-329019-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Dichlorodifluoromethane	3.18		2.47	1.09	ug/m3	1		TO-15	Total/NA
n-Butane	132	E	1.19	0.74	ug/m3	1		TO-15	Total/NA
1,3-Butadiene	78.4		0.44	0.088	ug/m3	1		TO-15	Total/NA
Trichlorofluoromethane	2.50		1.12	0.43	ug/m3	1		TO-15	Total/NA
Acetone	166	E	11.9	4.51	ug/m3	1		TO-15	Total/NA
Isopropyl alcohol	50.5		12.3	5.41	ug/m3	1		TO-15	Total/NA
Carbon disulfide	4.53	B	1.56	0.56	ug/m3	1		TO-15	Total/NA
tert-Butyl alcohol	76.0		15.2	4.85	ug/m3	1		TO-15	Total/NA
n-Hexane	42.1		1.76	0.56	ug/m3	1		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone)	27.1		1.47	0.41	ug/m3	1		TO-15	Total/NA
Chloroform	0.76	J	0.98	0.29	ug/m3	1		TO-15	Total/NA
Tetrahydrofuran	22.3		14.7	5.01	ug/m3	1		TO-15	Total/NA
Cyclohexane	7.15		0.69	0.18	ug/m3	1		TO-15	Total/NA
2,2,4-Trimethylpentane	9.26		0.93	0.33	ug/m3	1		TO-15	Total/NA
Benzene	30.5		0.64	0.16	ug/m3	1		TO-15	Total/NA
n-Heptane	30.9		0.82	0.35	ug/m3	1		TO-15	Total/NA
Methyl methacrylate	1.62	J	2.05	0.53	ug/m3	1		TO-15	Total/NA
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.47		2.05	0.78	ug/m3	1		TO-15	Total/NA
Toluene	125		0.75	0.20	ug/m3	1		TO-15	Total/NA
Tetrachloroethene	199		1.36	0.24	ug/m3	1		TO-15	Total/NA
Methyl Butyl Ketone (2-Hexanone)	1.64	J	2.05	0.82	ug/m3	1		TO-15	Total/NA
Ethylbenzene	33.8		0.87	0.22	ug/m3	1		TO-15	Total/NA
m,p-Xylene	124		2.17	0.061	ug/m3	1		TO-15	Total/NA
o-Xylene	45.9		0.87	0.30	ug/m3	1		TO-15	Total/NA
Styrene	1.64		0.85	0.24	ug/m3	1		TO-15	Total/NA
n-Propylbenzene	9.09		0.98	0.30	ug/m3	1		TO-15	Total/NA
4-Ethyltoluene	14.6		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,3,5-Trimethylbenzene	12.1		0.98	0.33	ug/m3	1		TO-15	Total/NA
1,2,4-Trimethylbenzene	41.5		0.98	0.40	ug/m3	1		TO-15	Total/NA
4-Isopropyltoluene	2.87		1.10	0.43	ug/m3	1		TO-15	Total/NA
Naphthalene	1.22	J	2.00	0.58	ug/m3	1		TO-15	Total/NA
n-Butane - DL	137		5.94	3.68	ug/m3	5		TO-15	Total/NA
1,3-Butadiene - DL	77.2		2.21	0.44	ug/m3	5		TO-15	Total/NA
Trichlorofluoromethane - DL	2.47	J	5.62	2.16	ug/m3	5		TO-15	Total/NA
Acetone - DL	160		59.4	22.6	ug/m3	5		TO-15	Total/NA
Isopropyl alcohol - DL	50.1	J	61.5	27.0	ug/m3	5		TO-15	Total/NA
Carbon disulfide - DL	7.41	J B	7.79	2.80	ug/m3	5		TO-15	Total/NA
tert-Butyl alcohol - DL	76.8		75.8	24.3	ug/m3	5		TO-15	Total/NA
n-Hexane - DL	40.6		8.81	2.82	ug/m3	5		TO-15	Total/NA
Methyl Ethyl Ketone (2-Butanone) - DL	25.1		7.37	2.06	ug/m3	5		TO-15	Total/NA
Cyclohexane - DL	6.83		3.44	0.89	ug/m3	5		TO-15	Total/NA
2,2,4-Trimethylpentane - DL	8.84		4.67	1.66	ug/m3	5		TO-15	Total/NA
Benzene - DL	29.6		3.19	0.81	ug/m3	5		TO-15	Total/NA
n-Heptane - DL	29.1		4.10	1.76	ug/m3	5		TO-15	Total/NA
Toluene - DL	120		3.77	1.02	ug/m3	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Detection Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-6 (Continued)

Lab Sample ID: 460-329019-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Tetrachloroethene - DL	196		6.78	1.22	ug/m3	5		TO-15	Total/NA
Ethylbenzene - DL	31.2		4.34	1.11	ug/m3	5		TO-15	Total/NA
m,p-Xylene - DL	117		10.9	0.30	ug/m3	5		TO-15	Total/NA
o-Xylene - DL	41.1		4.34	1.50	ug/m3	5		TO-15	Total/NA
Styrene - DL	1.50	J	4.26	1.19	ug/m3	5		TO-15	Total/NA
n-Propylbenzene - DL	8.48		4.92	1.52	ug/m3	5		TO-15	Total/NA
4-Ethyltoluene - DL	13.8		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,3,5-Trimethylbenzene - DL	11.9		4.92	1.67	ug/m3	5		TO-15	Total/NA
1,2,4-Trimethylbenzene - DL	38.3		4.92	2.02	ug/m3	5		TO-15	Total/NA
4-Isopropyltoluene - DL	3.18	J	5.49	2.14	ug/m3	5		TO-15	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Lab Sample ID: 460-329019-1

Date Collected: 06/16/25 12:31

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	94.0	U	94.0	41.3	ug/m3			06/23/25 18:06	38
Chlorodifluoromethane	67.2	U	67.2	48.4	ug/m3			06/23/25 18:06	38
1,2-Dichlorotetrafluoroethane	53.1	U	53.1	20.2	ug/m3			06/23/25 18:06	38
Chloromethane	39.2	U	39.2	25.9	ug/m3			06/23/25 18:06	38
n-Butane	45.2	U	45.2	28.0	ug/m3			06/23/25 18:06	38
Vinyl chloride	22.6		7.60	2.82	ug/m3			06/23/25 18:06	38
1,3-Butadiene	16.8	U	16.8	3.36	ug/m3			06/23/25 18:06	38
Bromomethane	29.5	U	29.5	9.15	ug/m3			06/23/25 18:06	38
Chloroethane	50.1	U	50.1	16.0	ug/m3			06/23/25 18:06	38
Bromoethene(Vinyl Bromide)	33.2	U	33.2	7.98	ug/m3			06/23/25 18:06	38
Trichlorofluoromethane	42.7	U	42.7	16.4	ug/m3			06/23/25 18:06	38
1,1,2-Trichlorotrifluoroethane	58.2	U	58.2	16.6	ug/m3			06/23/25 18:06	38
1,1-Dichloroethene	7.60	U	7.60	5.27	ug/m3			06/23/25 18:06	38
Acetone	451	U	451	172	ug/m3			06/23/25 18:06	38
Isopropyl alcohol	467	U	467	205	ug/m3			06/23/25 18:06	38
Carbon disulfide	39.5	J B	59.2	21.3	ug/m3			06/23/25 18:06	38
3-Chloropropene	59.5	U	59.5	9.63	ug/m3			06/23/25 18:06	38
Methylene Chloride	66.0	U	66.0	25.1	ug/m3			06/23/25 18:06	38
tert-Butyl alcohol	576	U	576	184	ug/m3			06/23/25 18:06	38
Methyl tert-butyl ether	27.4	U	27.4	9.04	ug/m3			06/23/25 18:06	38
trans-1,2-Dichloroethene	638		30.1	3.01	ug/m3			06/23/25 18:06	38
n-Hexane	67.0	U	67.0	21.4	ug/m3			06/23/25 18:06	38
1,1-Dichloroethane	30.8	U	30.8	2.77	ug/m3			06/23/25 18:06	38
Methyl Ethyl Ketone (2-Butanone)	56.0	U	56.0	15.7	ug/m3			06/23/25 18:06	38
cis-1,2-Dichloroethene	8390	E	7.60	4.82	ug/m3			06/23/25 18:06	38
Chloroform	27.3	J	37.1	10.9	ug/m3			06/23/25 18:06	38
Tetrahydrofuran	560	U	560	191	ug/m3			06/23/25 18:06	38
1,1,1-Trichloroethane	41.5	U	41.5	15.1	ug/m3			06/23/25 18:06	38
Cyclohexane	26.2	U	26.2	6.80	ug/m3			06/23/25 18:06	38
Carbon tetrachloride	8.36	U	8.36	5.74	ug/m3			06/23/25 18:06	38
2,2,4-Trimethylpentane	35.5	U	35.5	12.6	ug/m3			06/23/25 18:06	38
Benzene	24.3	U	24.3	6.19	ug/m3			06/23/25 18:06	38
1,2-Dichloroethane	30.8	U	30.8	11.4	ug/m3			06/23/25 18:06	38
n-Heptane	31.1	U	31.1	13.4	ug/m3			06/23/25 18:06	38
Trichloroethene	9450	E	7.60	5.92	ug/m3			06/23/25 18:06	38
Methyl methacrylate	77.8	U	77.8	20.2	ug/m3			06/23/25 18:06	38
1,2-Dichloropropane	35.1	U	35.1	9.66	ug/m3			06/23/25 18:06	38
1,4-Dioxane	685	U	685	26.0	ug/m3			06/23/25 18:06	38
Bromodichloromethane	50.9	U	50.9	14.8	ug/m3			06/23/25 18:06	38
cis-1,3-Dichloropropene	34.5	U	34.5	9.66	ug/m3			06/23/25 18:06	38
4-Methyl-2-pentanone (Methyl isobutyl ketone)	77.8	U	77.8	29.6	ug/m3			06/23/25 18:06	38
Toluene	25.9	J	28.6	7.73	ug/m3			06/23/25 18:06	38
trans-1,3-Dichloropropene	34.5	U	34.5	10.7	ug/m3			06/23/25 18:06	38
1,1,2-Trichloroethane	41.5	U	41.5	11.0	ug/m3			06/23/25 18:06	38
Tetrachloroethene	24000	E	51.5	9.28	ug/m3			06/23/25 18:06	38
Methyl Butyl Ketone (2-Hexanone)	77.9	U	77.9	31.1	ug/m3			06/23/25 18:06	38
Dibromochloromethane	64.7	U	64.7	17.2	ug/m3			06/23/25 18:06	38
1,2-Dibromoethane	58.4	U	58.4	13.1	ug/m3			06/23/25 18:06	38

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Lab Sample ID: 460-329019-1

Date Collected: 06/16/25 12:31

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	35.0	U	35.0	8.22	ug/m3			06/23/25 18:06	38
Ethylbenzene	11.2	J	33.0	8.42	ug/m3			06/23/25 18:06	38
m,p-Xylene	39.4	J	82.5	2.31	ug/m3			06/23/25 18:06	38
o-Xylene	12.3	J	33.0	11.4	ug/m3			06/23/25 18:06	38
Styrene	32.4	U	32.4	9.06	ug/m3			06/23/25 18:06	38
Bromoform	78.6	U	78.6	22.8	ug/m3			06/23/25 18:06	38
Cumene	37.4	U	37.4	13.4	ug/m3			06/23/25 18:06	38
1,1,2,2-Tetrachloroethane	52.2	U	52.2	15.9	ug/m3			06/23/25 18:06	38
n-Propylbenzene	37.4	U	37.4	11.6	ug/m3			06/23/25 18:06	38
4-Ethyltoluene	37.4	U	37.4	12.7	ug/m3			06/23/25 18:06	38
1,3,5-Trimethylbenzene	37.4	U	37.4	12.7	ug/m3			06/23/25 18:06	38
2-Chlorotoluene	39.3	U	39.3	11.4	ug/m3			06/23/25 18:06	38
tert-Butylbenzene	41.7	U	41.7	14.6	ug/m3			06/23/25 18:06	38
1,2,4-Trimethylbenzene	16.4	J	37.4	15.3	ug/m3			06/23/25 18:06	38
sec-Butylbenzene	41.7	U	41.7	15.0	ug/m3			06/23/25 18:06	38
4-Isopropyltoluene	41.7	U	41.7	16.3	ug/m3			06/23/25 18:06	38
1,3-Dichlorobenzene	45.7	U	45.7	14.4	ug/m3			06/23/25 18:06	38
1,4-Dichlorobenzene	45.7	U	45.7	16.0	ug/m3			06/23/25 18:06	38
Benzyl chloride	39.3	U	39.3	14.6	ug/m3			06/23/25 18:06	38
n-Butylbenzene	41.7	U	41.7	14.6	ug/m3			06/23/25 18:06	38
1,2-Dichlorobenzene	45.7	U	45.7	15.1	ug/m3			06/23/25 18:06	38
1,2,4-Trichlorobenzene	141	U	141	84.6	ug/m3			06/23/25 18:06	38
Hexachlorobutadiene	81.1	U	81.1	31.6	ug/m3			06/23/25 18:06	38
Naphthalene	76.0	U	76.0	21.9	ug/m3			06/23/25 18:06	38

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	504	U	504	222	ug/m3			06/23/25 19:04	204
Chlorodifluoromethane	361	U	361	260	ug/m3			06/23/25 19:04	204
1,2-Dichlorotetrafluoroethane	285	U	285	108	ug/m3			06/23/25 19:04	204
Chloromethane	211	U	211	139	ug/m3			06/23/25 19:04	204
n-Butane	242	U	242	150	ug/m3			06/23/25 19:04	204
Vinyl chloride	40.8	U	40.8	15.1	ug/m3			06/23/25 19:04	204
1,3-Butadiene	90.3	U	90.3	18.1	ug/m3			06/23/25 19:04	204
Bromomethane	158	U	158	49.1	ug/m3			06/23/25 19:04	204
Chloroethane	269	U	269	86.1	ug/m3			06/23/25 19:04	204
Bromoethene(Vinyl Bromide)	178	U	178	42.8	ug/m3			06/23/25 19:04	204
Trichlorofluoromethane	229	U	229	88.3	ug/m3			06/23/25 19:04	204
1,1,2-Trichlorotrifluoroethane	313	U	313	89.1	ug/m3			06/23/25 19:04	204
1,1-Dichloroethene	40.8	U	40.8	28.3	ug/m3			06/23/25 19:04	204
Acetone	2420	U	2420	921	ug/m3			06/23/25 19:04	204
Isopropyl alcohol	2510	U	2510	1100	ug/m3			06/23/25 19:04	204
Carbon disulfide	196	J B	318	114	ug/m3			06/23/25 19:04	204
3-Chloropropene	319	U	319	51.7	ug/m3			06/23/25 19:04	204
Methylene Chloride	354	U	354	135	ug/m3			06/23/25 19:04	204
tert-Butyl alcohol	3090	U	3090	989	ug/m3			06/23/25 19:04	204
Methyl tert-butyl ether	147	U	147	48.5	ug/m3			06/23/25 19:04	204
trans-1,2-Dichloroethene	556		162	16.2	ug/m3			06/23/25 19:04	204
n-Hexane	359	U	359	115	ug/m3			06/23/25 19:04	204

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Lab Sample ID: 460-329019-1

Date Collected: 06/16/25 12:31

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	165	U	165	14.9	ug/m3			06/23/25 19:04	204
Methyl Ethyl Ketone (2-Butanone)	301	U	301	84.2	ug/m3			06/23/25 19:04	204
cis-1,2-Dichloroethene	7440		40.8	25.9	ug/m3			06/23/25 19:04	204
Chloroform	199	U	199	58.8	ug/m3			06/23/25 19:04	204
Tetrahydrofuran	3010	U	3010	1020	ug/m3			06/23/25 19:04	204
1,1,1-Trichloroethane	223	U	223	81.3	ug/m3			06/23/25 19:04	204
Cyclohexane	140	U	140	36.5	ug/m3			06/23/25 19:04	204
Carbon tetrachloride	44.9	U	44.9	30.8	ug/m3			06/23/25 19:04	204
2,2,4-Trimethylpentane	191	U	191	67.7	ug/m3			06/23/25 19:04	204
Benzene	130	U	130	33.2	ug/m3			06/23/25 19:04	204
1,2-Dichloroethane	165	U	165	61.1	ug/m3			06/23/25 19:04	204
n-Heptane	167	U	167	71.9	ug/m3			06/23/25 19:04	204
Trichloroethene	8520		40.8	31.8	ug/m3			06/23/25 19:04	204
Methyl methacrylate	418	U	418	109	ug/m3			06/23/25 19:04	204
1,2-Dichloropropane	189	U	189	51.9	ug/m3			06/23/25 19:04	204
1,4-Dioxane	3680	U	3680	140	ug/m3			06/23/25 19:04	204
Bromodichloromethane	273	U	273	79.3	ug/m3			06/23/25 19:04	204
cis-1,3-Dichloropropene	185	U	185	51.8	ug/m3			06/23/25 19:04	204
4-Methyl-2-pentanone (Methyl isobutyl ketone)	418	U	418	159	ug/m3			06/23/25 19:04	204
Toluene	154	U	154	41.5	ug/m3			06/23/25 19:04	204
trans-1,3-Dichloropropene	185	U	185	57.4	ug/m3			06/23/25 19:04	204
1,1,2-Trichloroethane	223	U	223	59.0	ug/m3			06/23/25 19:04	204
Tetrachloroethene	23800		277	49.8	ug/m3			06/23/25 19:04	204
Methyl Butyl Ketone (2-Hexanone)	418	U	418	167	ug/m3			06/23/25 19:04	204
Dibromochloromethane	348	U	348	92.1	ug/m3			06/23/25 19:04	204
1,2-Dibromoethane	314	U	314	70.5	ug/m3			06/23/25 19:04	204
Chlorobenzene	188	U	188	44.1	ug/m3			06/23/25 19:04	204
Ethylbenzene	177	U	177	45.2	ug/m3			06/23/25 19:04	204
m,p-Xylene	26.3 J		443	12.4	ug/m3			06/23/25 19:04	204
o-Xylene	177	U	177	61.1	ug/m3			06/23/25 19:04	204
Styrene	174	U	174	48.7	ug/m3			06/23/25 19:04	204
Bromoform	422	U	422	122	ug/m3			06/23/25 19:04	204
Cumene	201	U	201	72.2	ug/m3			06/23/25 19:04	204
1,1,2,2-Tetrachloroethane	280	U	280	85.4	ug/m3			06/23/25 19:04	204
n-Propylbenzene	201	U	201	62.2	ug/m3			06/23/25 19:04	204
4-Ethyltoluene	201	U	201	68.2	ug/m3			06/23/25 19:04	204
1,3,5-Trimethylbenzene	201	U	201	68.2	ug/m3			06/23/25 19:04	204
2-Chlorotoluene	211	U	211	61.3	ug/m3			06/23/25 19:04	204
tert-Butylbenzene	224	U	224	78.4	ug/m3			06/23/25 19:04	204
1,2,4-Trimethylbenzene	201	U	201	82.2	ug/m3			06/23/25 19:04	204
sec-Butylbenzene	224	U	224	80.6	ug/m3			06/23/25 19:04	204
4-Isopropyltoluene	224	U	224	87.4	ug/m3			06/23/25 19:04	204
1,3-Dichlorobenzene	245	U	245	77.3	ug/m3			06/23/25 19:04	204
1,4-Dichlorobenzene	245	U	245	85.9	ug/m3			06/23/25 19:04	204
Benzyl chloride	211	U	211	78.2	ug/m3			06/23/25 19:04	204
n-Butylbenzene	224	U	224	78.4	ug/m3			06/23/25 19:04	204
1,2-Dichlorobenzene	245	U	245	80.9	ug/m3			06/23/25 19:04	204
1,2,4-Trichlorobenzene	757	U	757	454	ug/m3			06/23/25 19:04	204

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Lab Sample ID: 460-329019-1

Date Collected: 06/16/25 12:31

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	435	U	435	170	ug/m3			06/23/25 19:04	204
Naphthalene	408	U	408	118	ug/m3			06/23/25 19:04	204

Client Sample ID: SV-2

Lab Sample ID: 460-329019-2

Date Collected: 06/16/25 12:32

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.55		2.47	1.09	ug/m3			06/23/25 20:04	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/23/25 20:04	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/23/25 20:04	1
Chloromethane	2.18		1.03	0.68	ug/m3			06/23/25 20:04	1
n-Butane	53.8		1.19	0.74	ug/m3			06/23/25 20:04	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/23/25 20:04	1
1,3-Butadiene	33.4		0.44	0.088	ug/m3			06/23/25 20:04	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/23/25 20:04	1
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/23/25 20:04	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/23/25 20:04	1
Trichlorofluoromethane	1.93		1.12	0.43	ug/m3			06/23/25 20:04	1
1,1,2-Trichlorotrifluoroethane	0.59	J	1.53	0.44	ug/m3			06/23/25 20:04	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/23/25 20:04	1
Acetone	232	E	11.9	4.51	ug/m3			06/23/25 20:04	1
Isopropyl alcohol	23.6		12.3	5.41	ug/m3			06/23/25 20:04	1
Carbon disulfide	6.63	B	1.56	0.56	ug/m3			06/23/25 20:04	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/23/25 20:04	1
Methylene Chloride	1.74	U	1.74	0.66	ug/m3			06/23/25 20:04	1
tert-Butyl alcohol	51.5		15.2	4.85	ug/m3			06/23/25 20:04	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/23/25 20:04	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/23/25 20:04	1
n-Hexane	20.7		1.76	0.56	ug/m3			06/23/25 20:04	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/23/25 20:04	1
Methyl Ethyl Ketone (2-Butanone)	29.5		1.47	0.41	ug/m3			06/23/25 20:04	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/23/25 20:04	1
Chloroform	9.24		0.98	0.29	ug/m3			06/23/25 20:04	1
Tetrahydrofuran	14.7	U	14.7	5.01	ug/m3			06/23/25 20:04	1
1,1,1-Trichloroethane	1.09	U	1.09	0.40	ug/m3			06/23/25 20:04	1
Cyclohexane	4.16		0.69	0.18	ug/m3			06/23/25 20:04	1
Carbon tetrachloride	0.32		0.22	0.15	ug/m3			06/23/25 20:04	1
2,2,4-Trimethylpentane	5.70		0.93	0.33	ug/m3			06/23/25 20:04	1
Benzene	19.5		0.64	0.16	ug/m3			06/23/25 20:04	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/23/25 20:04	1
n-Heptane	21.2		0.82	0.35	ug/m3			06/23/25 20:04	1
Trichloroethene	8.99		0.20	0.16	ug/m3			06/23/25 20:04	1
Methyl methacrylate	2.05		2.05	0.53	ug/m3			06/23/25 20:04	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/23/25 20:04	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/23/25 20:04	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/23/25 20:04	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-2

Lab Sample ID: 460-329019-2

Date Collected: 06/16/25 12:32

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/23/25 20:04	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.19		2.05	0.78	ug/m3			06/23/25 20:04	1
Toluene	116		0.75	0.20	ug/m3			06/23/25 20:04	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/23/25 20:04	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/23/25 20:04	1
Tetrachloroethene	424	E	1.36	0.24	ug/m3			06/23/25 20:04	1
Methyl Butyl Ketone (2-Hexanone)	1.51	J	2.05	0.82	ug/m3			06/23/25 20:04	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/23/25 20:04	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/23/25 20:04	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/23/25 20:04	1
Ethylbenzene	26.3		0.87	0.22	ug/m3			06/23/25 20:04	1
m,p-Xylene	101		2.17	0.061	ug/m3			06/23/25 20:04	1
o-Xylene	34.6		0.87	0.30	ug/m3			06/23/25 20:04	1
Styrene	2.20		0.85	0.24	ug/m3			06/23/25 20:04	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/23/25 20:04	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/23/25 20:04	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/23/25 20:04	1
n-Propylbenzene	6.56		0.98	0.30	ug/m3			06/23/25 20:04	1
4-Ethyltoluene	10.0		0.98	0.33	ug/m3			06/23/25 20:04	1
1,3,5-Trimethylbenzene	7.58		0.98	0.33	ug/m3			06/23/25 20:04	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/23/25 20:04	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 20:04	1
1,2,4-Trimethylbenzene	25.4		0.98	0.40	ug/m3			06/23/25 20:04	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/23/25 20:04	1
4-Isopropyltoluene	2.10		1.10	0.43	ug/m3			06/23/25 20:04	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/23/25 20:04	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/23/25 20:04	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/23/25 20:04	1
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 20:04	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/23/25 20:04	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/23/25 20:04	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/23/25 20:04	1
Naphthalene	0.97	J	2.00	0.58	ug/m3			06/23/25 20:04	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12.4	U	12.4	5.44	ug/m3			06/23/25 21:00	5
Chlorodifluoromethane	8.84	U	8.84	6.37	ug/m3			06/23/25 21:00	5
1,2-Dichlorotetrafluoroethane	6.99	U	6.99	2.66	ug/m3			06/23/25 21:00	5
Chloromethane	5.16	U	5.16	3.41	ug/m3			06/23/25 21:00	5
n-Butane	43.1		5.94	3.68	ug/m3			06/23/25 21:00	5
Vinyl chloride	1.00	U	1.00	0.37	ug/m3			06/23/25 21:00	5
1,3-Butadiene	27.7		2.21	0.44	ug/m3			06/23/25 21:00	5
Bromomethane	3.88	U	3.88	1.20	ug/m3			06/23/25 21:00	5
Chloroethane	6.60	U	6.60	2.11	ug/m3			06/23/25 21:00	5
Bromoethene(Vinyl Bromide)	4.37	U	4.37	1.05	ug/m3			06/23/25 21:00	5
Trichlorofluoromethane	5.62	U	5.62	2.16	ug/m3			06/23/25 21:00	5
1,1,2-Trichlorotrifluoroethane	7.66	U	7.66	2.18	ug/m3			06/23/25 21:00	5

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-2

Lab Sample ID: 460-329019-2

Date Collected: 06/16/25 12:32

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	1.00	U	1.00	0.69	ug/m3			06/23/25 21:00	5
Acetone	188		59.4	22.6	ug/m3			06/23/25 21:00	5
Isopropyl alcohol	61.5	U	61.5	27.0	ug/m3			06/23/25 21:00	5
Carbon disulfide	9.64	B	7.79	2.80	ug/m3			06/23/25 21:00	5
3-Chloropropene	7.83	U	7.83	1.27	ug/m3			06/23/25 21:00	5
Methylene Chloride	8.68	U	8.68	3.30	ug/m3			06/23/25 21:00	5
tert-Butyl alcohol	45.1	J	75.8	24.3	ug/m3			06/23/25 21:00	5
Methyl tert-butyl ether	3.61	U	3.61	1.19	ug/m3			06/23/25 21:00	5
trans-1,2-Dichloroethene	3.96	U	3.96	0.40	ug/m3			06/23/25 21:00	5
n-Hexane	16.8		8.81	2.82	ug/m3			06/23/25 21:00	5
1,1-Dichloroethane	4.05	U	4.05	0.36	ug/m3			06/23/25 21:00	5
Methyl Ethyl Ketone (2-Butanone)	25.3		7.37	2.06	ug/m3			06/23/25 21:00	5
cis-1,2-Dichloroethene	1.64		1.00	0.63	ug/m3			06/23/25 21:00	5
Chloroform	8.77		4.88	1.44	ug/m3			06/23/25 21:00	5
Tetrahydrofuran	73.7	U	73.7	25.1	ug/m3			06/23/25 21:00	5
1,1,1-Trichloroethane	5.46	U	5.46	1.99	ug/m3			06/23/25 21:00	5
Cyclohexane	3.81		3.44	0.89	ug/m3			06/23/25 21:00	5
Carbon tetrachloride	1.10	U	1.10	0.75	ug/m3			06/23/25 21:00	5
2,2,4-Trimethylpentane	4.63	J	4.67	1.66	ug/m3			06/23/25 21:00	5
Benzene	17.9		3.19	0.81	ug/m3			06/23/25 21:00	5
1,2-Dichloroethane	4.05	U	4.05	1.50	ug/m3			06/23/25 21:00	5
n-Heptane	17.0		4.10	1.76	ug/m3			06/23/25 21:00	5
Trichloroethene	8.78		1.00	0.78	ug/m3			06/23/25 21:00	5
Methyl methacrylate	10.2	U	10.2	2.66	ug/m3			06/23/25 21:00	5
1,2-Dichloropropane	4.62	U	4.62	1.27	ug/m3			06/23/25 21:00	5
1,4-Dioxane	90.1	U	90.1	3.42	ug/m3			06/23/25 21:00	5
Bromodichloromethane	6.70	U	6.70	1.94	ug/m3			06/23/25 21:00	5
cis-1,3-Dichloropropene	4.54	U	4.54	1.27	ug/m3			06/23/25 21:00	5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.2	U	10.2	3.89	ug/m3			06/23/25 21:00	5
Toluene	120		3.77	1.02	ug/m3			06/23/25 21:00	5
trans-1,3-Dichloropropene	4.54	U	4.54	1.41	ug/m3			06/23/25 21:00	5
1,1,2-Trichloroethane	5.46	U	5.46	1.45	ug/m3			06/23/25 21:00	5
Tetrachloroethene	480		6.78	1.22	ug/m3			06/23/25 21:00	5
Methyl Butyl Ketone (2-Hexanone)	10.2	U	10.2	4.10	ug/m3			06/23/25 21:00	5
Dibromochloromethane	8.52	U	8.52	2.26	ug/m3			06/23/25 21:00	5
1,2-Dibromoethane	7.68	U	7.68	1.73	ug/m3			06/23/25 21:00	5
Chlorobenzene	4.60	U	4.60	1.08	ug/m3			06/23/25 21:00	5
Ethylbenzene	25.4		4.34	1.11	ug/m3			06/23/25 21:00	5
m,p-Xylene	99.1		10.9	0.30	ug/m3			06/23/25 21:00	5
o-Xylene	31.7		4.34	1.50	ug/m3			06/23/25 21:00	5
Styrene	4.26	U	4.26	1.19	ug/m3			06/23/25 21:00	5
Bromoform	10.3	U	10.3	3.00	ug/m3			06/23/25 21:00	5
Cumene	4.92	U	4.92	1.77	ug/m3			06/23/25 21:00	5
1,1,2,2-Tetrachloroethane	6.87	U	6.87	2.09	ug/m3			06/23/25 21:00	5
n-Propylbenzene	6.63		4.92	1.52	ug/m3			06/23/25 21:00	5
4-Ethyltoluene	10.1		4.92	1.67	ug/m3			06/23/25 21:00	5
1,3,5-Trimethylbenzene	7.98		4.92	1.67	ug/m3			06/23/25 21:00	5
2-Chlorotoluene	5.18	U	5.18	1.50	ug/m3			06/23/25 21:00	5

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-2

Lab Sample ID: 460-329019-2

Date Collected: 06/16/25 12:32

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
tert-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/23/25 21:00	5
1,2,4-Trimethylbenzene	25.3		4.92	2.02	ug/m3			06/23/25 21:00	5
sec-Butylbenzene	5.49	U	5.49	1.98	ug/m3			06/23/25 21:00	5
4-Isopropyltoluene	2.43	J	5.49	2.14	ug/m3			06/23/25 21:00	5
1,3-Dichlorobenzene	6.01	U	6.01	1.89	ug/m3			06/23/25 21:00	5
1,4-Dichlorobenzene	6.01	U	6.01	2.10	ug/m3			06/23/25 21:00	5
Benzyl chloride	5.18	U	5.18	1.92	ug/m3			06/23/25 21:00	5
n-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/23/25 21:00	5
1,2-Dichlorobenzene	6.01	U	6.01	1.98	ug/m3			06/23/25 21:00	5
1,2,4-Trichlorobenzene	18.6	U	18.6	11.1	ug/m3			06/23/25 21:00	5
Hexachlorobutadiene	10.7	U	10.7	4.16	ug/m3			06/23/25 21:00	5
Naphthalene	10.0	U	10.0	2.88	ug/m3			06/23/25 21:00	5

Client Sample ID: SV-3

Lab Sample ID: 460-329019-3

Date Collected: 06/16/25 12:34

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.70		2.47	1.09	ug/m3			06/23/25 21:59	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/23/25 21:59	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/23/25 21:59	1
Chloromethane	0.82	J	1.03	0.68	ug/m3			06/23/25 21:59	1
n-Butane	127	E	1.19	0.74	ug/m3			06/23/25 21:59	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/23/25 21:59	1
1,3-Butadiene	70.3		0.44	0.088	ug/m3			06/23/25 21:59	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/23/25 21:59	1
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/23/25 21:59	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/23/25 21:59	1
Trichlorofluoromethane	1.99		1.12	0.43	ug/m3			06/23/25 21:59	1
1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	0.44	ug/m3			06/23/25 21:59	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/23/25 21:59	1
Acetone	136	E	11.9	4.51	ug/m3			06/23/25 21:59	1
Isopropyl alcohol	18.0		12.3	5.41	ug/m3			06/23/25 21:59	1
Carbon disulfide	8.54	B	1.56	0.56	ug/m3			06/23/25 21:59	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/23/25 21:59	1
Methylene Chloride	13.4		1.74	0.66	ug/m3			06/23/25 21:59	1
tert-Butyl alcohol	33.6		15.2	4.85	ug/m3			06/23/25 21:59	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/23/25 21:59	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/23/25 21:59	1
n-Hexane	33.8		1.76	0.56	ug/m3			06/23/25 21:59	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/23/25 21:59	1
Methyl Ethyl Ketone (2-Butanone)	21.6		1.47	0.41	ug/m3			06/23/25 21:59	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/23/25 21:59	1
Chloroform	63.6		0.98	0.29	ug/m3			06/23/25 21:59	1
Tetrahydrofuran	14.7	U	14.7	5.01	ug/m3			06/23/25 21:59	1
1,1,1-Trichloroethane	1.22		1.09	0.40	ug/m3			06/23/25 21:59	1
Cyclohexane	4.46		0.69	0.18	ug/m3			06/23/25 21:59	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-3

Lab Sample ID: 460-329019-3

Date Collected: 06/16/25 12:34

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Carbon tetrachloride	0.38		0.22	0.15	ug/m3			06/23/25 21:59	1
2,2,4-Trimethylpentane	4.78		0.93	0.33	ug/m3			06/23/25 21:59	1
Benzene	24.4		0.64	0.16	ug/m3			06/23/25 21:59	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/23/25 21:59	1
n-Heptane	21.6		0.82	0.35	ug/m3			06/23/25 21:59	1
Trichloroethene	2.35		0.20	0.16	ug/m3			06/23/25 21:59	1
Methyl methacrylate	2.64		2.05	0.53	ug/m3			06/23/25 21:59	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/23/25 21:59	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/23/25 21:59	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/23/25 21:59	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/23/25 21:59	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.76		2.05	0.78	ug/m3			06/23/25 21:59	1
Toluene	85.0		0.75	0.20	ug/m3			06/23/25 21:59	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/23/25 21:59	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/23/25 21:59	1
Tetrachloroethene	196		1.36	0.24	ug/m3			06/23/25 21:59	1
Methyl Butyl Ketone (2-Hexanone)	1.81	J	2.05	0.82	ug/m3			06/23/25 21:59	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/23/25 21:59	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/23/25 21:59	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/23/25 21:59	1
Ethylbenzene	23.1		0.87	0.22	ug/m3			06/23/25 21:59	1
m,p-Xylene	89.9		2.17	0.061	ug/m3			06/23/25 21:59	1
o-Xylene	33.1		0.87	0.30	ug/m3			06/23/25 21:59	1
Styrene	1.20		0.85	0.24	ug/m3			06/23/25 21:59	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/23/25 21:59	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/23/25 21:59	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/23/25 21:59	1
n-Propylbenzene	6.76		0.98	0.30	ug/m3			06/23/25 21:59	1
4-Ethyltoluene	10.1		0.98	0.33	ug/m3			06/23/25 21:59	1
1,3,5-Trimethylbenzene	8.02		0.98	0.33	ug/m3			06/23/25 21:59	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/23/25 21:59	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 21:59	1
1,2,4-Trimethylbenzene	21.5		0.98	0.40	ug/m3			06/23/25 21:59	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/23/25 21:59	1
4-Isopropyltoluene	5.87		1.10	0.43	ug/m3			06/23/25 21:59	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/23/25 21:59	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/23/25 21:59	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/23/25 21:59	1
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 21:59	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/23/25 21:59	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/23/25 21:59	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/23/25 21:59	1
Naphthalene	2.00	U	2.00	0.58	ug/m3			06/23/25 21:59	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12.4	U	12.4	5.44	ug/m3			06/23/25 22:55	5
Chlorodifluoromethane	8.84	U	8.84	6.37	ug/m3			06/23/25 22:55	5

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-3

Lab Sample ID: 460-329019-3

Date Collected: 06/16/25 12:34

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorotetrafluoroethane	6.99	U	6.99	2.66	ug/m3			06/23/25 22:55	5
Chloromethane	5.16	U	5.16	3.41	ug/m3			06/23/25 22:55	5
n-Butane	115		5.94	3.68	ug/m3			06/23/25 22:55	5
Vinyl chloride	1.00	U	1.00	0.37	ug/m3			06/23/25 22:55	5
1,3-Butadiene	61.3		2.21	0.44	ug/m3			06/23/25 22:55	5
Bromomethane	3.88	U	3.88	1.20	ug/m3			06/23/25 22:55	5
Chloroethane	6.60	U	6.60	2.11	ug/m3			06/23/25 22:55	5
Bromoethene(Vinyl Bromide)	4.37	U	4.37	1.05	ug/m3			06/23/25 22:55	5
Trichlorofluoromethane	5.62	U	5.62	2.16	ug/m3			06/23/25 22:55	5
1,1,2-Trichlorotrifluoroethane	7.66	U	7.66	2.18	ug/m3			06/23/25 22:55	5
1,1-Dichloroethene	1.00	U	1.00	0.69	ug/m3			06/23/25 22:55	5
Acetone	130		59.4	22.6	ug/m3			06/23/25 22:55	5
Isopropyl alcohol	61.5	U	61.5	27.0	ug/m3			06/23/25 22:55	5
Carbon disulfide	11.4	B	7.79	2.80	ug/m3			06/23/25 22:55	5
3-Chloropropene	7.83	U	7.83	1.27	ug/m3			06/23/25 22:55	5
Methylene Chloride	13.5		8.68	3.30	ug/m3			06/23/25 22:55	5
tert-Butyl alcohol	31.2	J	75.8	24.3	ug/m3			06/23/25 22:55	5
Methyl tert-butyl ether	3.61	U	3.61	1.19	ug/m3			06/23/25 22:55	5
trans-1,2-Dichloroethene	3.96	U	3.96	0.40	ug/m3			06/23/25 22:55	5
n-Hexane	32.0		8.81	2.82	ug/m3			06/23/25 22:55	5
1,1-Dichloroethane	4.05	U	4.05	0.36	ug/m3			06/23/25 22:55	5
Methyl Ethyl Ketone (2-Butanone)	20.8		7.37	2.06	ug/m3			06/23/25 22:55	5
cis-1,2-Dichloroethene	1.41		1.00	0.63	ug/m3			06/23/25 22:55	5
Chloroform	61.5		4.88	1.44	ug/m3			06/23/25 22:55	5
Tetrahydrofuran	73.7	U	73.7	25.1	ug/m3			06/23/25 22:55	5
1,1,1-Trichloroethane	5.46	U	5.46	1.99	ug/m3			06/23/25 22:55	5
Cyclohexane	4.18		3.44	0.89	ug/m3			06/23/25 22:55	5
Carbon tetrachloride	1.10	U	1.10	0.75	ug/m3			06/23/25 22:55	5
2,2,4-Trimethylpentane	4.52	J	4.67	1.66	ug/m3			06/23/25 22:55	5
Benzene	24.6		3.19	0.81	ug/m3			06/23/25 22:55	5
1,2-Dichloroethane	4.05	U	4.05	1.50	ug/m3			06/23/25 22:55	5
n-Heptane	18.4		4.10	1.76	ug/m3			06/23/25 22:55	5
Trichloroethene	1.85		1.00	0.78	ug/m3			06/23/25 22:55	5
Methyl methacrylate	10.2	U	10.2	2.66	ug/m3			06/23/25 22:55	5
1,2-Dichloropropane	4.62	U	4.62	1.27	ug/m3			06/23/25 22:55	5
1,4-Dioxane	90.1	U	90.1	3.42	ug/m3			06/23/25 22:55	5
Bromodichloromethane	6.70	U	6.70	1.94	ug/m3			06/23/25 22:55	5
cis-1,3-Dichloropropene	4.54	U	4.54	1.27	ug/m3			06/23/25 22:55	5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	4.00	J	10.2	3.89	ug/m3			06/23/25 22:55	5
Toluene	80.6		3.77	1.02	ug/m3			06/23/25 22:55	5
trans-1,3-Dichloropropene	4.54	U	4.54	1.41	ug/m3			06/23/25 22:55	5
1,1,2-Trichloroethane	5.46	U	5.46	1.45	ug/m3			06/23/25 22:55	5
Tetrachloroethene	193		6.78	1.22	ug/m3			06/23/25 22:55	5
Methyl Butyl Ketone (2-Hexanone)	10.2	U	10.2	4.10	ug/m3			06/23/25 22:55	5
Dibromochloromethane	8.52	U	8.52	2.26	ug/m3			06/23/25 22:55	5
1,2-Dibromoethane	7.68	U	7.68	1.73	ug/m3			06/23/25 22:55	5
Chlorobenzene	4.60	U	4.60	1.08	ug/m3			06/23/25 22:55	5
Ethylbenzene	20.6		4.34	1.11	ug/m3			06/23/25 22:55	5

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-3

Lab Sample ID: 460-329019-3

Date Collected: 06/16/25 12:34

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylene	81.3		10.9	0.30	ug/m3			06/23/25 22:55	5
o-Xylene	28.4		4.34	1.50	ug/m3			06/23/25 22:55	5
Styrene	4.26	U	4.26	1.19	ug/m3			06/23/25 22:55	5
Bromoform	10.3	U	10.3	3.00	ug/m3			06/23/25 22:55	5
Cumene	4.92	U	4.92	1.77	ug/m3			06/23/25 22:55	5
1,1,2,2-Tetrachloroethane	6.87	U	6.87	2.09	ug/m3			06/23/25 22:55	5
n-Propylbenzene	5.95		4.92	1.52	ug/m3			06/23/25 22:55	5
4-Ethyltoluene	8.95		4.92	1.67	ug/m3			06/23/25 22:55	5
1,3,5-Trimethylbenzene	7.37		4.92	1.67	ug/m3			06/23/25 22:55	5
2-Chlorotoluene	5.18	U	5.18	1.50	ug/m3			06/23/25 22:55	5
tert-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/23/25 22:55	5
1,2,4-Trimethylbenzene	19.4		4.92	2.02	ug/m3			06/23/25 22:55	5
sec-Butylbenzene	5.49	U	5.49	1.98	ug/m3			06/23/25 22:55	5
4-Isopropyltoluene	5.37	J	5.49	2.14	ug/m3			06/23/25 22:55	5
1,3-Dichlorobenzene	6.01	U	6.01	1.89	ug/m3			06/23/25 22:55	5
1,4-Dichlorobenzene	6.01	U	6.01	2.10	ug/m3			06/23/25 22:55	5
Benzyl chloride	5.18	U	5.18	1.92	ug/m3			06/23/25 22:55	5
n-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/23/25 22:55	5
1,2-Dichlorobenzene	6.01	U	6.01	1.98	ug/m3			06/23/25 22:55	5
1,2,4-Trichlorobenzene	18.6	U	18.6	11.1	ug/m3			06/23/25 22:55	5
Hexachlorobutadiene	10.7	U	10.7	4.16	ug/m3			06/23/25 22:55	5
Naphthalene	10.0	U	10.0	2.88	ug/m3			06/23/25 22:55	5

Client Sample ID: SV-4

Lab Sample ID: 460-329019-4

Date Collected: 06/16/25 12:35

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.94		2.47	1.09	ug/m3			06/23/25 23:54	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/23/25 23:54	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/23/25 23:54	1
Chloromethane	1.03	U	1.03	0.68	ug/m3			06/23/25 23:54	1
n-Butane	79.1		1.19	0.74	ug/m3			06/23/25 23:54	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/23/25 23:54	1
1,3-Butadiene	53.6		0.44	0.088	ug/m3			06/23/25 23:54	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/23/25 23:54	1
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/23/25 23:54	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/23/25 23:54	1
Trichlorofluoromethane	1.94		1.12	0.43	ug/m3			06/23/25 23:54	1
1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	0.44	ug/m3			06/23/25 23:54	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/23/25 23:54	1
Acetone	189	E	11.9	4.51	ug/m3			06/23/25 23:54	1
Isopropyl alcohol	30.9		12.3	5.41	ug/m3			06/23/25 23:54	1
Carbon disulfide	5.65	B	1.56	0.56	ug/m3			06/23/25 23:54	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/23/25 23:54	1
Methylene Chloride	0.94	J	1.74	0.66	ug/m3			06/23/25 23:54	1
tert-Butyl alcohol	46.8		15.2	4.85	ug/m3			06/23/25 23:54	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-4

Lab Sample ID: 460-329019-4

Date Collected: 06/16/25 12:35

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/23/25 23:54	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/23/25 23:54	1
n-Hexane	23.6		1.76	0.56	ug/m3			06/23/25 23:54	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/23/25 23:54	1
Methyl Ethyl Ketone (2-Butanone)	31.3		1.47	0.41	ug/m3			06/23/25 23:54	1
cis-1,2-Dichloroethene	18.1		0.20	0.13	ug/m3			06/23/25 23:54	1
Chloroform	227 E		0.98	0.29	ug/m3			06/23/25 23:54	1
Tetrahydrofuran	14.7	U	14.7	5.01	ug/m3			06/23/25 23:54	1
1,1,1-Trichloroethane	1.09	U	1.09	0.40	ug/m3			06/23/25 23:54	1
Cyclohexane	5.16		0.69	0.18	ug/m3			06/23/25 23:54	1
Carbon tetrachloride	0.26		0.22	0.15	ug/m3			06/23/25 23:54	1
2,2,4-Trimethylpentane	6.72		0.93	0.33	ug/m3			06/23/25 23:54	1
Benzene	22.7		0.64	0.16	ug/m3			06/23/25 23:54	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/23/25 23:54	1
n-Heptane	21.0		0.82	0.35	ug/m3			06/23/25 23:54	1
Trichloroethene	42.4		0.20	0.16	ug/m3			06/23/25 23:54	1
Methyl methacrylate	2.05	U	2.05	0.53	ug/m3			06/23/25 23:54	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/23/25 23:54	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/23/25 23:54	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/23/25 23:54	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/23/25 23:54	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.65		2.05	0.78	ug/m3			06/23/25 23:54	1
Toluene	110		0.75	0.20	ug/m3			06/23/25 23:54	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/23/25 23:54	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/23/25 23:54	1
Tetrachloroethene	852 E		1.36	0.24	ug/m3			06/23/25 23:54	1
Methyl Butyl Ketone (2-Hexanone)	2.10		2.05	0.82	ug/m3			06/23/25 23:54	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/23/25 23:54	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/23/25 23:54	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/23/25 23:54	1
Ethylbenzene	24.3		0.87	0.22	ug/m3			06/23/25 23:54	1
m,p-Xylene	79.8		2.17	0.061	ug/m3			06/23/25 23:54	1
o-Xylene	24.9		0.87	0.30	ug/m3			06/23/25 23:54	1
Styrene	0.77 J		0.85	0.24	ug/m3			06/23/25 23:54	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/23/25 23:54	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/23/25 23:54	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/23/25 23:54	1
n-Propylbenzene	3.26		0.98	0.30	ug/m3			06/23/25 23:54	1
4-Ethyltoluene	4.11		0.98	0.33	ug/m3			06/23/25 23:54	1
1,3,5-Trimethylbenzene	2.35		0.98	0.33	ug/m3			06/23/25 23:54	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/23/25 23:54	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 23:54	1
1,2,4-Trimethylbenzene	5.28		0.98	0.40	ug/m3			06/23/25 23:54	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/23/25 23:54	1
4-Isopropyltoluene	2.65		1.10	0.43	ug/m3			06/23/25 23:54	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/23/25 23:54	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/23/25 23:54	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/23/25 23:54	1

Eurofins Edison

Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-4

Lab Sample ID: 460-329019-4

Date Collected: 06/16/25 12:35

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 23:54	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/23/25 23:54	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/23/25 23:54	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/23/25 23:54	1
Naphthalene	2.00	U	2.00	0.58	ug/m3			06/23/25 23:54	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	19.8	U	19.8	8.70	ug/m3			06/24/25 00:52	8
Chlorodifluoromethane	14.1	U	14.1	10.2	ug/m3			06/24/25 00:52	8
1,2-Dichlorotetrafluoroethane	11.2	U	11.2	4.25	ug/m3			06/24/25 00:52	8
Chloromethane	8.26	U	8.26	5.45	ug/m3			06/24/25 00:52	8
n-Butane	69.0		9.51	5.90	ug/m3			06/24/25 00:52	8
Vinyl chloride	1.60	U	1.60	0.59	ug/m3			06/24/25 00:52	8
1,3-Butadiene	45.7		3.54	0.71	ug/m3			06/24/25 00:52	8
Bromomethane	6.21	U	6.21	1.93	ug/m3			06/24/25 00:52	8
Chloroethane	10.6	U	10.6	3.38	ug/m3			06/24/25 00:52	8
Bromoethene(Vinyl Bromide)	7.00	U	7.00	1.68	ug/m3			06/24/25 00:52	8
Trichlorofluoromethane	8.99	U	8.99	3.46	ug/m3			06/24/25 00:52	8
1,1,2-Trichlorotrifluoroethane	12.3	U	12.3	3.49	ug/m3			06/24/25 00:52	8
1,1-Dichloroethene	1.60	U	1.60	1.11	ug/m3			06/24/25 00:52	8
Acetone	168		95.0	36.1	ug/m3			06/24/25 00:52	8
Isopropyl alcohol	98.3	U	98.3	43.3	ug/m3			06/24/25 00:52	8
Carbon disulfide	11.0	J B	12.5	4.48	ug/m3			06/24/25 00:52	8
3-Chloropropene	12.5	U	12.5	2.03	ug/m3			06/24/25 00:52	8
Methylene Chloride	13.9	U	13.9	5.28	ug/m3			06/24/25 00:52	8
tert-Butyl alcohol	40.8	J	121	38.8	ug/m3			06/24/25 00:52	8
Methyl tert-butyl ether	5.77	U	5.77	1.90	ug/m3			06/24/25 00:52	8
trans-1,2-Dichloroethene	6.34	U	6.34	0.63	ug/m3			06/24/25 00:52	8
n-Hexane	21.5		14.1	4.51	ug/m3			06/24/25 00:52	8
1,1-Dichloroethane	6.48	U	6.48	0.58	ug/m3			06/24/25 00:52	8
Methyl Ethyl Ketone (2-Butanone)	25.7		11.8	3.30	ug/m3			06/24/25 00:52	8
cis-1,2-Dichloroethene	17.3		1.60	1.01	ug/m3			06/24/25 00:52	8
Chloroform	216		7.81	2.30	ug/m3			06/24/25 00:52	8
Tetrahydrofuran	118	U	118	40.1	ug/m3			06/24/25 00:52	8
1,1,1-Trichloroethane	8.73	U	8.73	3.19	ug/m3			06/24/25 00:52	8
Cyclohexane	4.20	J	5.51	1.43	ug/m3			06/24/25 00:52	8
Carbon tetrachloride	1.76	U	1.76	1.21	ug/m3			06/24/25 00:52	8
2,2,4-Trimethylpentane	5.74	J	7.48	2.65	ug/m3			06/24/25 00:52	8
Benzene	20.2		5.11	1.30	ug/m3			06/24/25 00:52	8
1,2-Dichloroethane	6.48	U	6.48	2.40	ug/m3			06/24/25 00:52	8
n-Heptane	17.8		6.56	2.82	ug/m3			06/24/25 00:52	8
Trichloroethene	37.3		1.60	1.25	ug/m3			06/24/25 00:52	8
Methyl methacrylate	16.4	U	16.4	4.26	ug/m3			06/24/25 00:52	8
1,2-Dichloropropane	7.39	U	7.39	2.03	ug/m3			06/24/25 00:52	8
1,4-Dioxane	144	U	144	5.48	ug/m3			06/24/25 00:52	8
Bromodichloromethane	10.7	U	10.7	3.11	ug/m3			06/24/25 00:52	8
cis-1,3-Dichloropropene	7.26	U	7.26	2.03	ug/m3			06/24/25 00:52	8

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-4

Lab Sample ID: 460-329019-4

Date Collected: 06/16/25 12:35

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.4	U	16.4	6.23	ug/m3			06/24/25 00:52	8
Toluene	98.8		6.03	1.63	ug/m3			06/24/25 00:52	8
trans-1,3-Dichloropropene	7.26	U	7.26	2.25	ug/m3			06/24/25 00:52	8
1,1,2-Trichloroethane	8.73	U	8.73	2.31	ug/m3			06/24/25 00:52	8
Tetrachloroethene	1150		10.9	1.95	ug/m3			06/24/25 00:52	8
Methyl Butyl Ketone (2-Hexanone)	16.4	U	16.4	6.56	ug/m3			06/24/25 00:52	8
Dibromochloromethane	13.6	U	13.6	3.61	ug/m3			06/24/25 00:52	8
1,2-Dibromoethane	12.3	U	12.3	2.77	ug/m3			06/24/25 00:52	8
Chlorobenzene	7.37	U	7.37	1.73	ug/m3			06/24/25 00:52	8
Ethylbenzene	19.7		6.95	1.77	ug/m3			06/24/25 00:52	8
m,p-Xylene	65.1		17.4	0.49	ug/m3			06/24/25 00:52	8
o-Xylene	17.9		6.95	2.40	ug/m3			06/24/25 00:52	8
Styrene	6.82	U	6.82	1.91	ug/m3			06/24/25 00:52	8
Bromoform	16.5	U	16.5	4.80	ug/m3			06/24/25 00:52	8
Cumene	7.87	U	7.87	2.83	ug/m3			06/24/25 00:52	8
1,1,2,2-Tetrachloroethane	11.0	U	11.0	3.35	ug/m3			06/24/25 00:52	8
n-Propylbenzene	2.66	J	7.87	2.44	ug/m3			06/24/25 00:52	8
4-Ethyltoluene	3.48	J	7.87	2.67	ug/m3			06/24/25 00:52	8
1,3,5-Trimethylbenzene	7.87	U	7.87	2.67	ug/m3			06/24/25 00:52	8
2-Chlorotoluene	8.28	U	8.28	2.40	ug/m3			06/24/25 00:52	8
tert-Butylbenzene	8.78	U	8.78	3.07	ug/m3			06/24/25 00:52	8
1,2,4-Trimethylbenzene	3.87	J	7.87	3.22	ug/m3			06/24/25 00:52	8
sec-Butylbenzene	8.78	U	8.78	3.16	ug/m3			06/24/25 00:52	8
4-Isopropyltoluene	8.78	U	8.78	3.43	ug/m3			06/24/25 00:52	8
1,3-Dichlorobenzene	9.62	U	9.62	3.03	ug/m3			06/24/25 00:52	8
1,4-Dichlorobenzene	9.62	U	9.62	3.37	ug/m3			06/24/25 00:52	8
Benzyl chloride	8.28	U	8.28	3.06	ug/m3			06/24/25 00:52	8
n-Butylbenzene	8.78	U	8.78	3.07	ug/m3			06/24/25 00:52	8
1,2-Dichlorobenzene	9.62	U	9.62	3.17	ug/m3			06/24/25 00:52	8
1,2,4-Trichlorobenzene	29.7	U	29.7	17.8	ug/m3			06/24/25 00:52	8
Hexachlorobutadiene	17.1	U	17.1	6.65	ug/m3			06/24/25 00:52	8
Naphthalene	16.0	U	16.0	4.61	ug/m3			06/24/25 00:52	8

Client Sample ID: SV-5

Lab Sample ID: 460-329019-5

Date Collected: 06/16/25 12:36

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	3.13		2.47	1.09	ug/m3			06/24/25 01:52	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/24/25 01:52	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/24/25 01:52	1
Chloromethane	1.03	U	1.03	0.68	ug/m3			06/24/25 01:52	1
n-Butane	140	E	1.19	0.74	ug/m3			06/24/25 01:52	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/24/25 01:52	1
1,3-Butadiene	76.1		0.44	0.088	ug/m3			06/24/25 01:52	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/24/25 01:52	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-5

Lab Sample ID: 460-329019-5

Date Collected: 06/16/25 12:36

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/24/25 01:52	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/24/25 01:52	1
Trichlorofluoromethane	2.07		1.12	0.43	ug/m3			06/24/25 01:52	1
1,1,2-Trichlorotrifluoroethane	0.60	J	1.53	0.44	ug/m3			06/24/25 01:52	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/24/25 01:52	1
Acetone	176	E	11.9	4.51	ug/m3			06/24/25 01:52	1
Isopropyl alcohol	32.9		12.3	5.41	ug/m3			06/24/25 01:52	1
Carbon disulfide	6.48	B	1.56	0.56	ug/m3			06/24/25 01:52	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/24/25 01:52	1
Methylene Chloride	1.74	U	1.74	0.66	ug/m3			06/24/25 01:52	1
tert-Butyl alcohol	47.8		15.2	4.85	ug/m3			06/24/25 01:52	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/24/25 01:52	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/24/25 01:52	1
n-Hexane	38.1		1.76	0.56	ug/m3			06/24/25 01:52	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/24/25 01:52	1
Methyl Ethyl Ketone (2-Butanone)	24.9		1.47	0.41	ug/m3			06/24/25 01:52	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/24/25 01:52	1
Chloroform	14.1		0.98	0.29	ug/m3			06/24/25 01:52	1
Tetrahydrofuran	17.0		14.7	5.01	ug/m3			06/24/25 01:52	1
1,1,1-Trichloroethane	1.09	U	1.09	0.40	ug/m3			06/24/25 01:52	1
Cyclohexane	6.87		0.69	0.18	ug/m3			06/24/25 01:52	1
Carbon tetrachloride	0.28		0.22	0.15	ug/m3			06/24/25 01:52	1
2,2,4-Trimethylpentane	8.22		0.93	0.33	ug/m3			06/24/25 01:52	1
Benzene	26.9		0.64	0.16	ug/m3			06/24/25 01:52	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/24/25 01:52	1
n-Heptane	29.0		0.82	0.35	ug/m3			06/24/25 01:52	1
Trichloroethene	0.34		0.20	0.16	ug/m3			06/24/25 01:52	1
Methyl methacrylate	2.05	U	2.05	0.53	ug/m3			06/24/25 01:52	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/24/25 01:52	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/24/25 01:52	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/24/25 01:52	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/24/25 01:52	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.05	U	2.05	0.78	ug/m3			06/24/25 01:52	1
Toluene	127		0.75	0.20	ug/m3			06/24/25 01:52	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/24/25 01:52	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/24/25 01:52	1
Tetrachloroethene	217		1.36	0.24	ug/m3			06/24/25 01:52	1
Methyl Butyl Ketone (2-Hexanone)	1.31	J	2.05	0.82	ug/m3			06/24/25 01:52	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/24/25 01:52	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/24/25 01:52	1
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/24/25 01:52	1
Ethylbenzene	31.0		0.87	0.22	ug/m3			06/24/25 01:52	1
m,p-Xylene	113		2.17	0.061	ug/m3			06/24/25 01:52	1
o-Xylene	40.1		0.87	0.30	ug/m3			06/24/25 01:52	1
Styrene	1.82		0.85	0.24	ug/m3			06/24/25 01:52	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/24/25 01:52	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/24/25 01:52	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/24/25 01:52	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-5

Lab Sample ID: 460-329019-5

Date Collected: 06/16/25 12:36

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
n-Propylbenzene	6.22		0.98	0.30	ug/m3			06/24/25 01:52	1
4-Ethyltoluene	7.90		0.98	0.33	ug/m3			06/24/25 01:52	1
1,3,5-Trimethylbenzene	5.13		0.98	0.33	ug/m3			06/24/25 01:52	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/24/25 01:52	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/24/25 01:52	1
1,2,4-Trimethylbenzene	15.3		0.98	0.40	ug/m3			06/24/25 01:52	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/24/25 01:52	1
4-Isopropyltoluene	1.87		1.10	0.43	ug/m3			06/24/25 01:52	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/24/25 01:52	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/24/25 01:52	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/24/25 01:52	1
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/24/25 01:52	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/24/25 01:52	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/24/25 01:52	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/24/25 01:52	1
Naphthalene	2.00	U	2.00	0.58	ug/m3			06/24/25 01:52	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	19.8	U	19.8	8.70	ug/m3			06/24/25 02:49	8
Chlorodifluoromethane	14.1	U	14.1	10.2	ug/m3			06/24/25 02:49	8
1,2-Dichlorotetrafluoroethane	11.2	U	11.2	4.25	ug/m3			06/24/25 02:49	8
Chloromethane	8.26	U	8.26	5.45	ug/m3			06/24/25 02:49	8
n-Butane	125		9.51	5.90	ug/m3			06/24/25 02:49	8
Vinyl chloride	1.60	U	1.60	0.59	ug/m3			06/24/25 02:49	8
1,3-Butadiene	65.2		3.54	0.71	ug/m3			06/24/25 02:49	8
Bromomethane	6.21	U	6.21	1.93	ug/m3			06/24/25 02:49	8
Chloroethane	10.6	U	10.6	3.38	ug/m3			06/24/25 02:49	8
Bromoethene(Vinyl Bromide)	7.00	U	7.00	1.68	ug/m3			06/24/25 02:49	8
Trichlorofluoromethane	8.99	U	8.99	3.46	ug/m3			06/24/25 02:49	8
1,1,2-Trichlorotrifluoroethane	12.3	U	12.3	3.49	ug/m3			06/24/25 02:49	8
1,1-Dichloroethene	1.60	U	1.60	1.11	ug/m3			06/24/25 02:49	8
Acetone	156		95.0	36.1	ug/m3			06/24/25 02:49	8
Isopropyl alcohol	98.3	U	98.3	43.3	ug/m3			06/24/25 02:49	8
Carbon disulfide	10.9	J B	12.5	4.48	ug/m3			06/24/25 02:49	8
3-Chloropropene	12.5	U	12.5	2.03	ug/m3			06/24/25 02:49	8
Methylene Chloride	13.9	U	13.9	5.28	ug/m3			06/24/25 02:49	8
tert-Butyl alcohol	44.0	J	121	38.8	ug/m3			06/24/25 02:49	8
Methyl tert-butyl ether	5.77	U	5.77	1.90	ug/m3			06/24/25 02:49	8
trans-1,2-Dichloroethene	6.34	U	6.34	0.63	ug/m3			06/24/25 02:49	8
n-Hexane	34.4		14.1	4.51	ug/m3			06/24/25 02:49	8
1,1-Dichloroethane	6.48	U	6.48	0.58	ug/m3			06/24/25 02:49	8
Methyl Ethyl Ketone (2-Butanone)	21.8		11.8	3.30	ug/m3			06/24/25 02:49	8
cis-1,2-Dichloroethene	1.60	U	1.60	1.01	ug/m3			06/24/25 02:49	8
Chloroform	13.4		7.81	2.30	ug/m3			06/24/25 02:49	8
Tetrahydrofuran	118	U	118	40.1	ug/m3			06/24/25 02:49	8
1,1,1-Trichloroethane	8.73	U	8.73	3.19	ug/m3			06/24/25 02:49	8
Cyclohexane	6.24		5.51	1.43	ug/m3			06/24/25 02:49	8
Carbon tetrachloride	1.76	U	1.76	1.21	ug/m3			06/24/25 02:49	8

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-5

Lab Sample ID: 460-329019-5

Date Collected: 06/16/25 12:36

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,2,4-Trimethylpentane	7.87		7.48	2.65	ug/m3			06/24/25 02:49	8
Benzene	24.8		5.11	1.30	ug/m3			06/24/25 02:49	8
1,2-Dichloroethane	6.48	U	6.48	2.40	ug/m3			06/24/25 02:49	8
n-Heptane	23.5		6.56	2.82	ug/m3			06/24/25 02:49	8
Trichloroethene	1.60	U	1.60	1.25	ug/m3			06/24/25 02:49	8
Methyl methacrylate	16.4	U	16.4	4.26	ug/m3			06/24/25 02:49	8
1,2-Dichloropropane	7.39	U	7.39	2.03	ug/m3			06/24/25 02:49	8
1,4-Dioxane	144	U	144	5.48	ug/m3			06/24/25 02:49	8
Bromodichloromethane	10.7	U	10.7	3.11	ug/m3			06/24/25 02:49	8
cis-1,3-Dichloropropene	7.26	U	7.26	2.03	ug/m3			06/24/25 02:49	8
4-Methyl-2-pentanone (Methyl isobutyl ketone)	16.4	U	16.4	6.23	ug/m3			06/24/25 02:49	8
Toluene	126		6.03	1.63	ug/m3			06/24/25 02:49	8
trans-1,3-Dichloropropene	7.26	U	7.26	2.25	ug/m3			06/24/25 02:49	8
1,1,2-Trichloroethane	8.73	U	8.73	2.31	ug/m3			06/24/25 02:49	8
Tetrachloroethene	216		10.9	1.95	ug/m3			06/24/25 02:49	8
Methyl Butyl Ketone (2-Hexanone)	16.4	U	16.4	6.56	ug/m3			06/24/25 02:49	8
Dibromochloromethane	13.6	U	13.6	3.61	ug/m3			06/24/25 02:49	8
1,2-Dibromoethane	12.3	U	12.3	2.77	ug/m3			06/24/25 02:49	8
Chlorobenzene	7.37	U	7.37	1.73	ug/m3			06/24/25 02:49	8
Ethylbenzene	27.3		6.95	1.77	ug/m3			06/24/25 02:49	8
m,p-Xylene	98.6		17.4	0.49	ug/m3			06/24/25 02:49	8
o-Xylene	33.9		6.95	2.40	ug/m3			06/24/25 02:49	8
Styrene	6.82	U	6.82	1.91	ug/m3			06/24/25 02:49	8
Bromoform	16.5	U	16.5	4.80	ug/m3			06/24/25 02:49	8
Cumene	5.60	J	7.87	2.83	ug/m3			06/24/25 02:49	8
1,1,2,2-Tetrachloroethane	11.0	U	11.0	3.35	ug/m3			06/24/25 02:49	8
n-Propylbenzene	5.69	J	7.87	2.44	ug/m3			06/24/25 02:49	8
4-Ethyltoluene	7.56	J	7.87	2.67	ug/m3			06/24/25 02:49	8
1,3,5-Trimethylbenzene	5.40	J	7.87	2.67	ug/m3			06/24/25 02:49	8
2-Chlorotoluene	8.28	U	8.28	2.40	ug/m3			06/24/25 02:49	8
tert-Butylbenzene	8.78	U	8.78	3.07	ug/m3			06/24/25 02:49	8
1,2,4-Trimethylbenzene	13.2		7.87	3.22	ug/m3			06/24/25 02:49	8
sec-Butylbenzene	8.78	U	8.78	3.16	ug/m3			06/24/25 02:49	8
4-Isopropyltoluene	8.78	U	8.78	3.43	ug/m3			06/24/25 02:49	8
1,3-Dichlorobenzene	9.62	U	9.62	3.03	ug/m3			06/24/25 02:49	8
1,4-Dichlorobenzene	9.62	U	9.62	3.37	ug/m3			06/24/25 02:49	8
Benzyl chloride	8.28	U	8.28	3.06	ug/m3			06/24/25 02:49	8
n-Butylbenzene	8.78	U	8.78	3.07	ug/m3			06/24/25 02:49	8
1,2-Dichlorobenzene	9.62	U	9.62	3.17	ug/m3			06/24/25 02:49	8
1,2,4-Trichlorobenzene	29.7	U	29.7	17.8	ug/m3			06/24/25 02:49	8
Hexachlorobutadiene	17.1	U	17.1	6.65	ug/m3			06/24/25 02:49	8
Naphthalene	16.0	U	16.0	4.61	ug/m3			06/24/25 02:49	8

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-6

Lab Sample ID: 460-329019-6

Date Collected: 06/16/25 12:37

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	3.18		2.47	1.09	ug/m3			06/24/25 03:49	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/24/25 03:49	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/24/25 03:49	1
Chloromethane	1.03	U	1.03	0.68	ug/m3			06/24/25 03:49	1
n-Butane	132	E	1.19	0.74	ug/m3			06/24/25 03:49	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/24/25 03:49	1
1,3-Butadiene	78.4		0.44	0.088	ug/m3			06/24/25 03:49	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/24/25 03:49	1
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/24/25 03:49	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/24/25 03:49	1
Trichlorofluoromethane	2.50		1.12	0.43	ug/m3			06/24/25 03:49	1
1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	0.44	ug/m3			06/24/25 03:49	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/24/25 03:49	1
Acetone	166	E	11.9	4.51	ug/m3			06/24/25 03:49	1
Isopropyl alcohol	50.5		12.3	5.41	ug/m3			06/24/25 03:49	1
Carbon disulfide	4.53	B	1.56	0.56	ug/m3			06/24/25 03:49	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/24/25 03:49	1
Methylene Chloride	1.74	U	1.74	0.66	ug/m3			06/24/25 03:49	1
tert-Butyl alcohol	76.0		15.2	4.85	ug/m3			06/24/25 03:49	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/24/25 03:49	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/24/25 03:49	1
n-Hexane	42.1		1.76	0.56	ug/m3			06/24/25 03:49	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/24/25 03:49	1
Methyl Ethyl Ketone (2-Butanone)	27.1		1.47	0.41	ug/m3			06/24/25 03:49	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/24/25 03:49	1
Chloroform	0.76	J	0.98	0.29	ug/m3			06/24/25 03:49	1
Tetrahydrofuran	22.3		14.7	5.01	ug/m3			06/24/25 03:49	1
1,1,1-Trichloroethane	1.09	U	1.09	0.40	ug/m3			06/24/25 03:49	1
Cyclohexane	7.15		0.69	0.18	ug/m3			06/24/25 03:49	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/24/25 03:49	1
2,2,4-Trimethylpentane	9.26		0.93	0.33	ug/m3			06/24/25 03:49	1
Benzene	30.5		0.64	0.16	ug/m3			06/24/25 03:49	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/24/25 03:49	1
n-Heptane	30.9		0.82	0.35	ug/m3			06/24/25 03:49	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/24/25 03:49	1
Methyl methacrylate	1.62	J	2.05	0.53	ug/m3			06/24/25 03:49	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/24/25 03:49	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/24/25 03:49	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/24/25 03:49	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/24/25 03:49	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.47		2.05	0.78	ug/m3			06/24/25 03:49	1
Toluene	125		0.75	0.20	ug/m3			06/24/25 03:49	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/24/25 03:49	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/24/25 03:49	1
Tetrachloroethene	199		1.36	0.24	ug/m3			06/24/25 03:49	1
Methyl Butyl Ketone (2-Hexanone)	1.64	J	2.05	0.82	ug/m3			06/24/25 03:49	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/24/25 03:49	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/24/25 03:49	1

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-6

Lab Sample ID: 460-329019-6

Date Collected: 06/16/25 12:37

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/24/25 03:49	1
Ethylbenzene	33.8		0.87	0.22	ug/m3			06/24/25 03:49	1
m,p-Xylene	124		2.17	0.061	ug/m3			06/24/25 03:49	1
o-Xylene	45.9		0.87	0.30	ug/m3			06/24/25 03:49	1
Styrene	1.64		0.85	0.24	ug/m3			06/24/25 03:49	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/24/25 03:49	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/24/25 03:49	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/24/25 03:49	1
n-Propylbenzene	9.09		0.98	0.30	ug/m3			06/24/25 03:49	1
4-Ethyltoluene	14.6		0.98	0.33	ug/m3			06/24/25 03:49	1
1,3,5-Trimethylbenzene	12.1		0.98	0.33	ug/m3			06/24/25 03:49	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/24/25 03:49	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/24/25 03:49	1
1,2,4-Trimethylbenzene	41.5		0.98	0.40	ug/m3			06/24/25 03:49	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/24/25 03:49	1
4-Isopropyltoluene	2.87		1.10	0.43	ug/m3			06/24/25 03:49	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/24/25 03:49	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/24/25 03:49	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/24/25 03:49	1
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/24/25 03:49	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/24/25 03:49	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/24/25 03:49	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/24/25 03:49	1
Naphthalene	1.22	J	2.00	0.58	ug/m3			06/24/25 03:49	1

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	12.4	U	12.4	5.44	ug/m3			06/24/25 04:45	5
Chlorodifluoromethane	8.84	U	8.84	6.37	ug/m3			06/24/25 04:45	5
1,2-Dichlorotetrafluoroethane	6.99	U	6.99	2.66	ug/m3			06/24/25 04:45	5
Chloromethane	5.16	U	5.16	3.41	ug/m3			06/24/25 04:45	5
n-Butane	137		5.94	3.68	ug/m3			06/24/25 04:45	5
Vinyl chloride	1.00	U	1.00	0.37	ug/m3			06/24/25 04:45	5
1,3-Butadiene	77.2		2.21	0.44	ug/m3			06/24/25 04:45	5
Bromomethane	3.88	U	3.88	1.20	ug/m3			06/24/25 04:45	5
Chloroethane	6.60	U	6.60	2.11	ug/m3			06/24/25 04:45	5
Bromoethene(Vinyl Bromide)	4.37	U	4.37	1.05	ug/m3			06/24/25 04:45	5
Trichlorofluoromethane	2.47	J	5.62	2.16	ug/m3			06/24/25 04:45	5
1,1,2-Trichlorotrifluoroethane	7.66	U	7.66	2.18	ug/m3			06/24/25 04:45	5
1,1-Dichloroethene	1.00	U	1.00	0.69	ug/m3			06/24/25 04:45	5
Acetone	160		59.4	22.6	ug/m3			06/24/25 04:45	5
Isopropyl alcohol	50.1	J	61.5	27.0	ug/m3			06/24/25 04:45	5
Carbon disulfide	7.41	J B	7.79	2.80	ug/m3			06/24/25 04:45	5
3-Chloropropene	7.83	U	7.83	1.27	ug/m3			06/24/25 04:45	5
Methylene Chloride	8.68	U	8.68	3.30	ug/m3			06/24/25 04:45	5
tert-Butyl alcohol	76.8		75.8	24.3	ug/m3			06/24/25 04:45	5
Methyl tert-butyl ether	3.61	U	3.61	1.19	ug/m3			06/24/25 04:45	5
trans-1,2-Dichloroethene	3.96	U	3.96	0.40	ug/m3			06/24/25 04:45	5
n-Hexane	40.6		8.81	2.82	ug/m3			06/24/25 04:45	5

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-6

Lab Sample ID: 460-329019-6

Date Collected: 06/16/25 12:37

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethane	4.05	U	4.05	0.36	ug/m3			06/24/25 04:45	5
Methyl Ethyl Ketone (2-Butanone)	25.1		7.37	2.06	ug/m3			06/24/25 04:45	5
cis-1,2-Dichloroethene	1.00	U	1.00	0.63	ug/m3			06/24/25 04:45	5
Chloroform	4.88	U	4.88	1.44	ug/m3			06/24/25 04:45	5
Tetrahydrofuran	73.7	U	73.7	25.1	ug/m3			06/24/25 04:45	5
1,1,1-Trichloroethane	5.46	U	5.46	1.99	ug/m3			06/24/25 04:45	5
Cyclohexane	6.83		3.44	0.89	ug/m3			06/24/25 04:45	5
Carbon tetrachloride	1.10	U	1.10	0.75	ug/m3			06/24/25 04:45	5
2,2,4-Trimethylpentane	8.84		4.67	1.66	ug/m3			06/24/25 04:45	5
Benzene	29.6		3.19	0.81	ug/m3			06/24/25 04:45	5
1,2-Dichloroethane	4.05	U	4.05	1.50	ug/m3			06/24/25 04:45	5
n-Heptane	29.1		4.10	1.76	ug/m3			06/24/25 04:45	5
Trichloroethene	1.00	U	1.00	0.78	ug/m3			06/24/25 04:45	5
Methyl methacrylate	10.2	U	10.2	2.66	ug/m3			06/24/25 04:45	5
1,2-Dichloropropane	4.62	U	4.62	1.27	ug/m3			06/24/25 04:45	5
1,4-Dioxane	90.1	U	90.1	3.42	ug/m3			06/24/25 04:45	5
Bromodichloromethane	6.70	U	6.70	1.94	ug/m3			06/24/25 04:45	5
cis-1,3-Dichloropropene	4.54	U	4.54	1.27	ug/m3			06/24/25 04:45	5
4-Methyl-2-pentanone (Methyl isobutyl ketone)	10.2	U	10.2	3.89	ug/m3			06/24/25 04:45	5
Toluene	120		3.77	1.02	ug/m3			06/24/25 04:45	5
trans-1,3-Dichloropropene	4.54	U	4.54	1.41	ug/m3			06/24/25 04:45	5
1,1,2-Trichloroethane	5.46	U	5.46	1.45	ug/m3			06/24/25 04:45	5
Tetrachloroethene	196		6.78	1.22	ug/m3			06/24/25 04:45	5
Methyl Butyl Ketone (2-Hexanone)	10.2	U	10.2	4.10	ug/m3			06/24/25 04:45	5
Dibromochloromethane	8.52	U	8.52	2.26	ug/m3			06/24/25 04:45	5
1,2-Dibromoethane	7.68	U	7.68	1.73	ug/m3			06/24/25 04:45	5
Chlorobenzene	4.60	U	4.60	1.08	ug/m3			06/24/25 04:45	5
Ethylbenzene	31.2		4.34	1.11	ug/m3			06/24/25 04:45	5
m,p-Xylene	117		10.9	0.30	ug/m3			06/24/25 04:45	5
o-Xylene	41.1		4.34	1.50	ug/m3			06/24/25 04:45	5
Styrene	1.50	J	4.26	1.19	ug/m3			06/24/25 04:45	5
Bromoform	10.3	U	10.3	3.00	ug/m3			06/24/25 04:45	5
Cumene	4.92	U	4.92	1.77	ug/m3			06/24/25 04:45	5
1,1,2,2-Tetrachloroethane	6.87	U	6.87	2.09	ug/m3			06/24/25 04:45	5
n-Propylbenzene	8.48		4.92	1.52	ug/m3			06/24/25 04:45	5
4-Ethyltoluene	13.8		4.92	1.67	ug/m3			06/24/25 04:45	5
1,3,5-Trimethylbenzene	11.9		4.92	1.67	ug/m3			06/24/25 04:45	5
2-Chlorotoluene	5.18	U	5.18	1.50	ug/m3			06/24/25 04:45	5
tert-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/24/25 04:45	5
1,2,4-Trimethylbenzene	38.3		4.92	2.02	ug/m3			06/24/25 04:45	5
sec-Butylbenzene	5.49	U	5.49	1.98	ug/m3			06/24/25 04:45	5
4-Isopropyltoluene	3.18	J	5.49	2.14	ug/m3			06/24/25 04:45	5
1,3-Dichlorobenzene	6.01	U	6.01	1.89	ug/m3			06/24/25 04:45	5
1,4-Dichlorobenzene	6.01	U	6.01	2.10	ug/m3			06/24/25 04:45	5
Benzyl chloride	5.18	U	5.18	1.92	ug/m3			06/24/25 04:45	5
n-Butylbenzene	5.49	U	5.49	1.92	ug/m3			06/24/25 04:45	5
1,2-Dichlorobenzene	6.01	U	6.01	1.98	ug/m3			06/24/25 04:45	5
1,2,4-Trichlorobenzene	18.6	U	18.6	11.1	ug/m3			06/24/25 04:45	5

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Client Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-6

Lab Sample ID: 460-329019-6

Date Collected: 06/16/25 12:37

Matrix: Air

Date Received: 06/21/25 10:30

Sample Container: Summa Canister 6L

Method: EPA TO-15 - Volatile Organic Compounds in Ambient Air - DL (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	10.7	U	10.7	4.16	ug/m3			06/24/25 04:45	5
Naphthalene	10.0	U	10.0	2.88	ug/m3			06/24/25 04:45	5

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air

Lab Sample ID: MB 200-217722/6

Matrix: Air

Analysis Batch: 217722

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dichlorodifluoromethane	2.47	U	2.47	1.09	ug/m3			06/23/25 11:42	1
Chlorodifluoromethane	1.77	U	1.77	1.27	ug/m3			06/23/25 11:42	1
1,2-Dichlorotetrafluoroethane	1.40	U	1.40	0.53	ug/m3			06/23/25 11:42	1
Chloromethane	1.03	U	1.03	0.68	ug/m3			06/23/25 11:42	1
n-Butane	1.19	U	1.19	0.74	ug/m3			06/23/25 11:42	1
Vinyl chloride	0.20	U	0.20	0.074	ug/m3			06/23/25 11:42	1
1,3-Butadiene	0.44	U	0.44	0.088	ug/m3			06/23/25 11:42	1
Bromomethane	0.78	U	0.78	0.24	ug/m3			06/23/25 11:42	1
Chloroethane	1.32	U	1.32	0.42	ug/m3			06/23/25 11:42	1
Bromoethene(Vinyl Bromide)	0.87	U	0.87	0.21	ug/m3			06/23/25 11:42	1
Trichlorofluoromethane	1.12	U	1.12	0.43	ug/m3			06/23/25 11:42	1
1,1,2-Trichlorotrifluoroethane	1.53	U	1.53	0.44	ug/m3			06/23/25 11:42	1
1,1-Dichloroethene	0.20	U	0.20	0.14	ug/m3			06/23/25 11:42	1
Acetone	11.9	U	11.9	4.51	ug/m3			06/23/25 11:42	1
Isopropyl alcohol	12.3	U	12.3	5.41	ug/m3			06/23/25 11:42	1
Carbon disulfide	1.072	J	1.56	0.56	ug/m3			06/23/25 11:42	1
3-Chloropropene	1.57	U	1.57	0.25	ug/m3			06/23/25 11:42	1
Methylene Chloride	1.74	U	1.74	0.66	ug/m3			06/23/25 11:42	1
tert-Butyl alcohol	15.2	U	15.2	4.85	ug/m3			06/23/25 11:42	1
Methyl tert-butyl ether	0.72	U	0.72	0.24	ug/m3			06/23/25 11:42	1
trans-1,2-Dichloroethene	0.79	U	0.79	0.079	ug/m3			06/23/25 11:42	1
n-Hexane	1.76	U	1.76	0.56	ug/m3			06/23/25 11:42	1
1,1-Dichloroethane	0.81	U	0.81	0.073	ug/m3			06/23/25 11:42	1
Methyl Ethyl Ketone (2-Butanone)	1.47	U	1.47	0.41	ug/m3			06/23/25 11:42	1
cis-1,2-Dichloroethene	0.20	U	0.20	0.13	ug/m3			06/23/25 11:42	1
Chloroform	0.98	U	0.98	0.29	ug/m3			06/23/25 11:42	1
Tetrahydrofuran	14.7	U	14.7	5.01	ug/m3			06/23/25 11:42	1
1,1,1-Trichloroethane	1.09	U	1.09	0.40	ug/m3			06/23/25 11:42	1
Cyclohexane	0.69	U	0.69	0.18	ug/m3			06/23/25 11:42	1
Carbon tetrachloride	0.22	U	0.22	0.15	ug/m3			06/23/25 11:42	1
2,2,4-Trimethylpentane	0.93	U	0.93	0.33	ug/m3			06/23/25 11:42	1
Benzene	0.64	U	0.64	0.16	ug/m3			06/23/25 11:42	1
1,2-Dichloroethane	0.81	U	0.81	0.30	ug/m3			06/23/25 11:42	1
n-Heptane	0.82	U	0.82	0.35	ug/m3			06/23/25 11:42	1
Trichloroethene	0.20	U	0.20	0.16	ug/m3			06/23/25 11:42	1
Methyl methacrylate	2.05	U	2.05	0.53	ug/m3			06/23/25 11:42	1
1,2-Dichloropropane	0.92	U	0.92	0.25	ug/m3			06/23/25 11:42	1
1,4-Dioxane	18.0	U	18.0	0.68	ug/m3			06/23/25 11:42	1
Bromodichloromethane	1.34	U	1.34	0.39	ug/m3			06/23/25 11:42	1
cis-1,3-Dichloropropene	0.91	U	0.91	0.25	ug/m3			06/23/25 11:42	1
4-Methyl-2-pentanone (Methyl isobutyl ketone)	2.05	U	2.05	0.78	ug/m3			06/23/25 11:42	1
Toluene	0.75	U	0.75	0.20	ug/m3			06/23/25 11:42	1
trans-1,3-Dichloropropene	0.91	U	0.91	0.28	ug/m3			06/23/25 11:42	1
1,1,2-Trichloroethane	1.09	U	1.09	0.29	ug/m3			06/23/25 11:42	1
Tetrachloroethene	1.36	U	1.36	0.24	ug/m3			06/23/25 11:42	1
Methyl Butyl Ketone (2-Hexanone)	2.05	U	2.05	0.82	ug/m3			06/23/25 11:42	1
Dibromochloromethane	1.70	U	1.70	0.45	ug/m3			06/23/25 11:42	1
1,2-Dibromoethane	1.54	U	1.54	0.35	ug/m3			06/23/25 11:42	1

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: MB 200-217722/6

Matrix: Air

Analysis Batch: 217722

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlorobenzene	0.92	U	0.92	0.22	ug/m3			06/23/25 11:42	1
Ethylbenzene	0.87	U	0.87	0.22	ug/m3			06/23/25 11:42	1
m,p-Xylene	2.17	U	2.17	0.061	ug/m3			06/23/25 11:42	1
o-Xylene	0.87	U	0.87	0.30	ug/m3			06/23/25 11:42	1
Styrene	0.85	U	0.85	0.24	ug/m3			06/23/25 11:42	1
Bromoform	2.07	U	2.07	0.60	ug/m3			06/23/25 11:42	1
Cumene	0.98	U	0.98	0.35	ug/m3			06/23/25 11:42	1
1,1,2,2-Tetrachloroethane	1.37	U	1.37	0.42	ug/m3			06/23/25 11:42	1
n-Propylbenzene	0.98	U	0.98	0.30	ug/m3			06/23/25 11:42	1
4-Ethyltoluene	0.98	U	0.98	0.33	ug/m3			06/23/25 11:42	1
1,3,5-Trimethylbenzene	0.98	U	0.98	0.33	ug/m3			06/23/25 11:42	1
2-Chlorotoluene	1.04	U	1.04	0.30	ug/m3			06/23/25 11:42	1
tert-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 11:42	1
1,2,4-Trimethylbenzene	0.98	U	0.98	0.40	ug/m3			06/23/25 11:42	1
sec-Butylbenzene	1.10	U	1.10	0.40	ug/m3			06/23/25 11:42	1
4-Isopropyltoluene	1.10	U	1.10	0.43	ug/m3			06/23/25 11:42	1
1,3-Dichlorobenzene	1.20	U	1.20	0.38	ug/m3			06/23/25 11:42	1
1,4-Dichlorobenzene	1.20	U	1.20	0.42	ug/m3			06/23/25 11:42	1
Benzyl chloride	1.04	U	1.04	0.38	ug/m3			06/23/25 11:42	1
n-Butylbenzene	1.10	U	1.10	0.38	ug/m3			06/23/25 11:42	1
1,2-Dichlorobenzene	1.20	U	1.20	0.40	ug/m3			06/23/25 11:42	1
1,2,4-Trichlorobenzene	3.71	U	3.71	2.23	ug/m3			06/23/25 11:42	1
Hexachlorobutadiene	2.13	U	2.13	0.83	ug/m3			06/23/25 11:42	1
Naphthalene	2.00	U	2.00	0.58	ug/m3			06/23/25 11:42	1

Lab Sample ID: LCS 200-217722/4

Matrix: Air

Analysis Batch: 217722

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Dichlorodifluoromethane	49.4	55.61		ug/m3		112	61 - 142
Chlorodifluoromethane	35.4	40.47		ug/m3		114	60 - 147
1,2-Dichlorotetrafluoroethane	69.9	76.51		ug/m3		109	71 - 141
Chloromethane	20.6	23.21		ug/m3		112	56 - 141
n-Butane	23.8	26.50		ug/m3		112	53 - 151
Vinyl chloride	25.6	28.64		ug/m3		112	61 - 135
1,3-Butadiene	22.1	24.49		ug/m3		111	58 - 139
Bromomethane	38.8	40.46		ug/m3		104	72 - 124
Chloroethane	26.4	24.76		ug/m3		94	68 - 130
Bromoethene(Vinyl Bromide)	43.7	44.29		ug/m3		101	75 - 125
Trichlorofluoromethane	56.2	57.21		ug/m3		102	70 - 129
1,1,2-Trichlorotrifluoroethane	76.6	72.71		ug/m3		95	70 - 121
1,1-Dichloroethene	39.6	38.32		ug/m3		97	68 - 120
Acetone	23.7	26.50		ug/m3		112	54 - 154
Isopropyl alcohol	24.6	29.27		ug/m3		119	53 - 142
Carbon disulfide	31.1	29.72		ug/m3		95	71 - 138
3-Chloropropene	31.3	29.60		ug/m3		95	50 - 150
Methylene Chloride	34.7	35.00		ug/m3		101	59 - 137
tert-Butyl alcohol	30.3	34.59		ug/m3		114	66 - 132

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QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-217722/4

Matrix: Air

Analysis Batch: 217722

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Methyl tert-butyl ether	36.0	40.94		ug/m3		114	70 - 127
trans-1,2-Dichloroethene	39.6	41.88		ug/m3		106	69 - 137
n-Hexane	35.2	38.30		ug/m3		109	63 - 138
1,1-Dichloroethane	40.5	40.61		ug/m3		100	66 - 130
Methyl Ethyl Ketone (2-Butanone)	29.5	30.61		ug/m3		104	72 - 124
cis-1,2-Dichloroethene	39.6	39.42		ug/m3		99	72 - 121
Chloroform	48.8	48.21		ug/m3		99	73 - 124
Tetrahydrofuran	29.5	31.98		ug/m3		108	60 - 149
1,1,1-Trichloroethane	54.6	55.25		ug/m3		101	72 - 127
Cyclohexane	34.4	35.85		ug/m3		104	76 - 124
Carbon tetrachloride	62.9	65.48		ug/m3		104	71 - 133
2,2,4-Trimethylpentane	46.7	49.89		ug/m3		107	68 - 131
Benzene	31.9	31.54		ug/m3		99	73 - 119
1,2-Dichloroethane	40.5	41.44		ug/m3		102	68 - 135
n-Heptane	41.0	46.39		ug/m3		113	60 - 142
Trichloroethene	53.7	53.02		ug/m3		99	73 - 122
Methyl methacrylate	40.9	44.80		ug/m3		109	73 - 129
1,2-Dichloropropane	46.2	46.69		ug/m3		101	69 - 128
1,4-Dioxane	36.0	40.58		ug/m3		113	66 - 129
Bromodichloromethane	67.0	67.03		ug/m3		100	75 - 127
cis-1,3-Dichloropropene	45.4	46.81		ug/m3		103	74 - 125
4-Methyl-2-pentanone (Methyl isobutyl ketone)	41.0	48.25		ug/m3		118	58 - 144
Toluene	37.7	38.79		ug/m3		103	75 - 122
trans-1,3-Dichloropropene	45.4	52.27		ug/m3		115	74 - 128
1,1,2-Trichloroethane	54.6	53.94		ug/m3		99	75 - 126
Tetrachloroethene	67.8	65.37		ug/m3		96	70 - 125
Methyl Butyl Ketone (2-Hexanone)	41.0	49.56		ug/m3		121	57 - 143
Dibromochloromethane	85.2	83.97		ug/m3		99	73 - 125
1,2-Dibromoethane	76.8	75.74		ug/m3		99	78 - 122
Chlorobenzene	46.0	45.11		ug/m3		98	76 - 119
Ethylbenzene	43.4	46.44		ug/m3		107	74 - 122
m,p-Xylene	86.8	96.75		ug/m3		111	76 - 121
o-Xylene	43.4	49.50		ug/m3		114	73 - 123
Styrene	42.6	50.05		ug/m3		118	74 - 125
Bromoform	103	101.8		ug/m3		99	53 - 149
Cumene	49.1	57.56		ug/m3		117	73 - 123
1,1,2,2-Tetrachloroethane	68.6	73.65		ug/m3		107	74 - 126
n-Propylbenzene	49.1	57.00		ug/m3		116	73 - 127
4-Ethyltoluene	49.2	57.40		ug/m3		117	75 - 129
1,3,5-Trimethylbenzene	49.2	55.60		ug/m3		113	72 - 126
2-Chlorotoluene	51.8	56.96		ug/m3		110	74 - 126
tert-Butylbenzene	54.9	61.64		ug/m3		112	71 - 125
1,2,4-Trimethylbenzene	49.2	56.03		ug/m3		114	71 - 129
sec-Butylbenzene	54.9	62.28		ug/m3		113	70 - 128
4-Isopropyltoluene	54.9	64.61		ug/m3		118	68 - 130
1,3-Dichlorobenzene	60.1	65.92		ug/m3		110	69 - 131

Eurofins Edison

QC Sample Results

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Method: TO-15 - Volatile Organic Compounds in Ambient Air (Continued)

Lab Sample ID: LCS 200-217722/4

Matrix: Air

Analysis Batch: 217722

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,4-Dichlorobenzene	60.1	67.40		ug/m3		112	67 - 132
Benzyl chloride	51.8	57.39		ug/m3		111	60 - 136
n-Butylbenzene	54.9	66.20		ug/m3		121	65 - 137
1,2-Dichlorobenzene	60.1	65.26		ug/m3		109	68 - 129
1,2,4-Trichlorobenzene	74.2	83.00		ug/m3		112	50 - 150
Hexachlorobutadiene	107	129.5		ug/m3		121	58 - 130
Naphthalene	52.4	47.27		ug/m3		90	50 - 150

QC Association Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Air - GC/MS VOA

Analysis Batch: 217722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
460-329019-1	SV-1	Total/NA	Air	TO-15	
460-329019-1 - DL	SV-1	Total/NA	Air	TO-15	
460-329019-2	SV-2	Total/NA	Air	TO-15	
460-329019-2 - DL	SV-2	Total/NA	Air	TO-15	
460-329019-3	SV-3	Total/NA	Air	TO-15	
460-329019-3 - DL	SV-3	Total/NA	Air	TO-15	
460-329019-4	SV-4	Total/NA	Air	TO-15	
460-329019-4 - DL	SV-4	Total/NA	Air	TO-15	
460-329019-5	SV-5	Total/NA	Air	TO-15	
460-329019-5 - DL	SV-5	Total/NA	Air	TO-15	
460-329019-6	SV-6	Total/NA	Air	TO-15	
460-329019-6 - DL	SV-6	Total/NA	Air	TO-15	
MB 200-217722/6	Method Blank	Total/NA	Air	TO-15	
LCS 200-217722/4	Lab Control Sample	Total/NA	Air	TO-15	

Lab Chronicle

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Client Sample ID: SV-1

Date Collected: 06/16/25 12:31

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-1

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		38	217722	K1P	EET BUR	06/23/25 18:06
Total/NA	Analysis	TO-15	DL	204	217722	K1P	EET BUR	06/23/25 19:04

Client Sample ID: SV-2

Date Collected: 06/16/25 12:32

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-2

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217722	K1P	EET BUR	06/23/25 20:04
Total/NA	Analysis	TO-15	DL	5	217722	K1P	EET BUR	06/23/25 21:00

Client Sample ID: SV-3

Date Collected: 06/16/25 12:34

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-3

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217722	K1P	EET BUR	06/23/25 21:59
Total/NA	Analysis	TO-15	DL	5	217722	K1P	EET BUR	06/23/25 22:55

Client Sample ID: SV-4

Date Collected: 06/16/25 12:35

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-4

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217722	K1P	EET BUR	06/23/25 23:54
Total/NA	Analysis	TO-15	DL	8	217722	K1P	EET BUR	06/24/25 00:52

Client Sample ID: SV-5

Date Collected: 06/16/25 12:36

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-5

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217722	K1P	EET BUR	06/24/25 01:52
Total/NA	Analysis	TO-15	DL	8	217722	K1P	EET BUR	06/24/25 02:49

Client Sample ID: SV-6

Date Collected: 06/16/25 12:37

Date Received: 06/21/25 10:30

Lab Sample ID: 460-329019-6

Matrix: Air

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	TO-15		1	217722	K1P	EET BUR	06/24/25 03:49
Total/NA	Analysis	TO-15	DL	5	217722	K1P	EET BUR	06/24/25 04:45

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

Eurofins Edison

Accreditation/Certification Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Laboratory: Eurofins Burlington

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
ANAB	Dept. of Defense ELAP	L2336	02-25-26
Connecticut	State	PH-0751	09-30-25
DE Haz. Subst. Cleanup Act (HSCA)	State	N/A	05-20-26
Florida	NELAP	E87467	06-30-25
Minnesota	NELAP	050-999-436	12-31-25
New Hampshire	NELAP	2006	12-18-25
New Jersey	NELAP	VT972	06-30-25
New York	NELAP	10391	03-31-26
Pennsylvania	NELAP	68-00489	04-30-26
US Fish & Wildlife	US Federal Programs	058448	07-31-25
USDA	US Federal Programs	525-23-353-27750	12-19-26
Virginia	NELAP	460209	12-14-25
Wisconsin	State	399140830	08-31-25

Method Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

Method	Method Description	Protocol	Laboratory
TO-15	Volatile Organic Compounds in Ambient Air	EPA	EET BUR

Protocol References:

EPA = US Environmental Protection Agency

Laboratory References:

EET BUR = Eurofins Burlington, 530 Community Drive, Suite 11, South Burlington, VT 05403, TEL (802)660-1990

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Sample Summary

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job ID: 460-329019-1

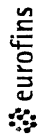
Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-329019-1	SV-1	Air	06/16/25 12:31	06/21/25 10:30	Air Canister (6-Liter) #2883
460-329019-2	SV-2	Air	06/16/25 12:32	06/21/25 10:30	Air Canister (6-Liter) #3563
460-329019-3	SV-3	Air	06/16/25 12:34	06/21/25 10:30	Air Canister (6-Liter) #5047
460-329019-4	SV-4	Air	06/16/25 12:35	06/21/25 10:30	Air Canister (6-Liter) #5022
460-329019-5	SV-5	Air	06/16/25 12:36	06/21/25 10:30	Air Canister (6-Liter) #5085
460-329019-6	SV-6	Air	06/16/25 12:37	06/21/25 10:30	Air Canister (6-Liter) #2898

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Eurofins TestAmerica, Burlington
530 Community Drive
Suite 11
South Burlington, VT 05403-6809
phone 802.860.1990 fax 802.860.1919

Canister Samples Chain of Custody Record

TestAmerica Laboratories, Inc. assumes no liability with respect to the collection and shipment of these samples



Environment Testing
America

Client Contact Information				Client Project Manager: <u>Rich F</u>				Samples Collected By: <u>Lee R</u>				COC No. <u>1</u> of <u>1</u> COCs																			
Company Name: <u>GET Consultants</u>				Phone: <u>802-860-1990</u>				TALS Project #: <u> </u>				For Lab Use Only:																			
Address: <u>1000 New York Ave</u>				Email: <u>frank@getconsultants.com</u>				Other (Please specify in notes section)				Walk-in Client: <u> </u>																			
City/State/Zip: <u> </u>				Site Contact: <u>Lee R</u>				Landfill Gas				Lab Sampling: <u> </u>																			
Phone: <u> </u>				Tel/Fax: <u> </u>				Soil Vapor Extraction (SVE)				Job / SDG No.: <u> </u>																			
FAX: <u> </u>				Analysis Turnaround Time				Soil Gas				(See below for Add'l Items)																			
Project Name: <u>20140 Resurrection Ave</u>				Standard (Specify): <u> </u>				Sub-Slab				Sample Specific Notes:																			
Site/Location: <u> </u>				Rush (Specify): <u> </u>				Indoor Air/Ambient Air																							
P.O.# <u>2503378</u>								Other (Please specify in notes section)																							
Sample Identification	Sample Start Date	Time Start	Sample End Date	Time Stop	Canister Vacuum In Field, "Hg (Start)	Canister Vacuum In Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15 SIM	EPA 3C	EPA 25C	ASTM D-1946	EPA 15/16	Other (Please specify in notes section)	Sample Specific Notes:																
SU-1	6/16	1030	1231	6/16	-36	-7	2885	2939	X																						
SU-2	6/16	1031	1232	6/16	-5	-7	3553	5188	X																						
SU-3	6/16	1032	1234	6/16	-7	-7	5047	3133	X																						
SU-4	6/16	1033	1235	6/16	-7	-7	5022	2995	X																						
SU-5	6/16	1034	1236	6/16	-7	-7	50205	4043	X																						
SU-6	6/16	1035	1237	6/16	-5	-5	2898	3961	X																						
 460-329019 Chain of Custody																															
Special Instructions/QC Requirements & Comments:																															
Samples Shipped by: <u>LEE</u> Date / Time: <u>6/18/25</u> Samples Received by: <u> </u>																															
Samples Relinquished by: <u> </u> Date / Time: <u> </u> Received by: <u> </u>																															
Relinquished by: <u> </u> Date / Time: <u>6/18/25</u> 1910 Received by: <u> </u>																															
LAB USE ONLY: <u> </u> Shipper Name: <u> </u> Condition: <u> </u>																															

Form No. CA-C-WI-003, Rev. 2.28, dated 1/8/2021

6/19/25 1900

EEF

EEF

ORIGIN ID FRGA (631) 275-4865
LEIF ROBERTSON
GEI
1000 NEW YORK AVENUE

SHIP DATE: 11 JUN25
ACTWGT: 40.00 LB
CAD: 112977992/INET4820

HUNTINGTON STATION, NY 11746
UNITED STATES US

TO **SAMPLE RECEIVING**
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

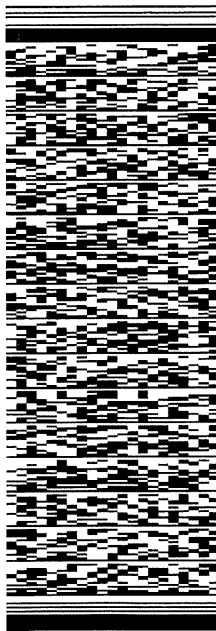
(802) 660-1990
INV
PO

REF

DEPT

58GJ5J0ET7459F2

RMA:



J252025040801uv

RETURNS MON-SAT

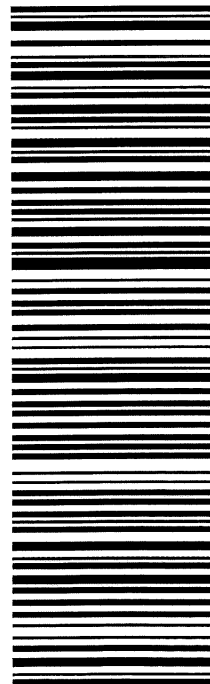
PRIORITY OVERNIGHT

TRK# 7918 0059 5628

0221

05403

VT-US



1. Select the 'Print' button to print 1 copy of each label.
2. The Return Shipment instructions, which provide your recipient with information on the returns process, will be printed with the label(s).
3. After printing, select your next step by clicking one of the displayed buttons.
Note: To review or print individual labels, select the Label button under each label image above.
Use of this system constitutes your agreement to the service conditions in the current FedEx Service Guide, available on fedex.com. FedEx will not be responsible for any claim in excess of \$100 per package, whether the result of loss, damage, delay, non-delivery, misdelivery, or misinformation, unless you declare a higher value, pay an additional charge, document your actual loss and file a timely claim. Limitations found in the current FedEx Service Guide apply. Your right to recover from FedEx for any loss, including intrinsic value of the package, loss of sales, income interest, profit, attorney's fees, costs, and other forms of damage whether direct, incidental, consequential, or special is limited to the greater of \$100 or the authorized declared value. Recovery cannot exceed actual documented loss. Maximum for items of extraordinary value is \$500, e.g. jewelry, precious metals, negotiable instruments and other items listed in our Service Guide. Written claims must be filed within strict time limits, see current FedEx Service Guide.

ORIGIN ID FRGA (631) 275-4865
LEIF ROBERTSON
GEI
1000 NEW YORK AVENUE
HUNTINGTON STATION, NY 11746
UNITED STATES US

SHIP DATE 11JUN25
ACTWGT 10.00 LB
CAD: 112977992JINET4820

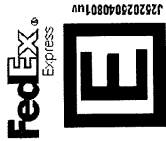
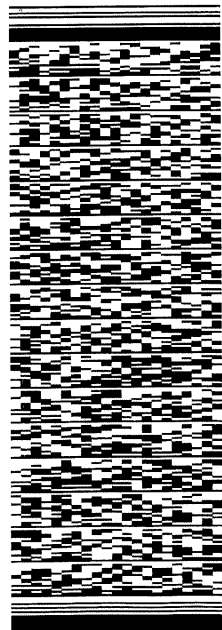
TO **SAMPLE RECEIVING**
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990
INV
PO

REF

DEPT

RMA:



J252025040801uv

RETURNS MON-SAT

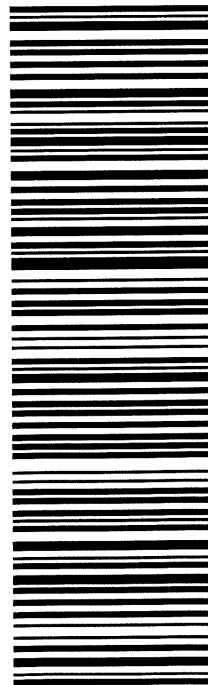
PRIORITY OVERNIGHT

TRK# 7918 0059 5742

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ORIGIN ID:FRGA (631) 275-4865
LEIF ROBERTSON
GEI
1000 NEW YORK AVENUE
HUNTINGTON STATION, NY 11746
UNITED STATES US

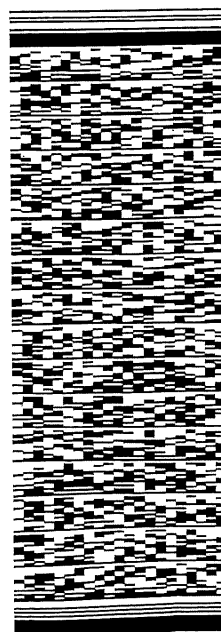
SHIP DATE: 11 JUN 24
ACTWGT: 10.00 LB
CAD: 112977992/INET4820

TO **SAMPLE RECEIVING**
EUROFINS BURLINGTON
530 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403

(802) 660-1990 REF
INV
PO DEPT

58GJ50E7459F2

RMA:



FedEx
Express



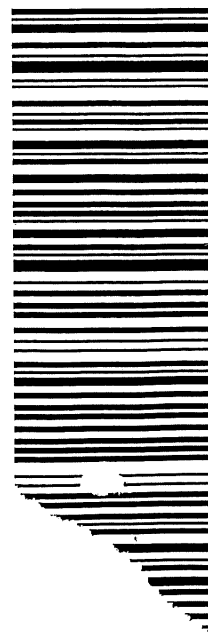
RETURNS MON-SAT
PRIORITY OVERNIGHT

TRK# 7918 (059 5672

0221

05403

VT-US



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Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-329019-1

Login Number: 329019

List Source: Eurofins Edison

List Number: 1

Creator: Khudaier, Zahraa

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	2446103, 6104, 6105
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	Refer to Job Narrative for details.
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	N/A	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GEI Consultants Inc

Job Number: 460-329019-1

Login Number: 329019

List Number: 2

Creator: Khudaier, Zahraa

List Source: Eurofins Burlington

List Creation: 06/21/25 11:37 AM

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Summa Canister Dilution Worksheet

Client: GEI Consultants Inc
Project/Site: 20/40 Jerusalem Avenue

Job No.: 460-329019-1

Lab Sample ID	Canister Volume (L)	Preadjusted Pressure ("Hg)	Preadjusted Pressure (atm)	Preadjusted Volume (L)	Adjusted Pressure (psig)	Adjusted Pressure (atm)	Adjusted Volume (L)	Initial Volume (mL)	Dilution Factor	Final Dilution Factor	Pressure Gauge ID	Date	Analyst Initials
460-329019-1	6	-6.1	0.80	4.78	37.3	3.54	21.22		4.44	4.44	G43	06/23/25 11:53	TPB
460-329019-1	6	0	1.00	6.00	49.4	4.36	26.16		4.36	19.38	G43	06/23/25 11:53	TPB

Formulae:

Preadjusted Volume (L) = ((Preadjusted Pressure ("Hg) + 29.92 "Hg) * Vol L) / 29.92 "Hg

Adjusted Volume (L) = ((Adjusted Pressure (psig) + 14.7 psig) * Vol L) / 14.7 psig

Dilution Factor = Adjusted Volume (L) / Preadjusted Volume (L)

Where:

29.92 "Hg = Standard atmospheric pressure in inches of Mercury ("Hg)

14.7 psig = Standard atmospheric pressure in pounds per square inch gauge (psig)

Canister Cleaning & Pre-Shipment Leak Test

4081
Location: Air-Storage
Bottle: Summa Canister 6L
Sampled: 5/16/2025 12:00 AM -200-2003322

Air-Storage

Inventory Level 1: Individual Canister Certification (TO15LL 0.01).
Inventory Level 2: Individual or Batch Certification (TO15 0.04 ppbv).
Inventory Level 3: Individual or Batch Certification (TO15 0.2 ppbv).
Inventory Level Limited: Canisters may only be used for certain projects.
Dup Tees/Vac gauges (enter IDs if included):

TestAmerica Burlington

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-78047-1</u>
SDG No.: _____	
Client Sample ID: <u>4081</u>	Lab Sample ID: <u>200-78047-9</u>
Matrix: <u>Air</u>	Lab File ID: <u>65203-25.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>05/16/2025 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>05/21/2025 05:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>216346</u>	Units: <u>ppb v/v</u>
Preparation Batch No.: _____	Instrument ID: <u>CHW.i</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
100-41-4	Ethylbenzene	0.040	U	0.040	0.010
100-42-5	Styrene	0.040	U	0.040	0.011
10061-01-5	1,3-Dichloropropene, cis-	0.040	U	0.040	0.011
10061-02-6	1,3-Dichloropropene, trans-	0.040	U	0.040	0.012
106-46-7	1,4-Dichlorobenzene	0.040	U	0.040	0.014
106-93-4	1,2-Dibromoethane	0.040	U	0.040	0.0090
106-99-0	1,3-Butadiene	0.040	U	0.040	0.0080
107-05-1	Allyl chloride	0.10	U	0.10	0.016
107-06-2	1,2-Dichloroethane	0.040	U	0.040	0.015
108-10-1	Methyl isobutyl ketone (MIBK)	0.10	U	0.10	0.038
108-67-8	1,3,5-Trimethylbenzene	0.040	U	0.040	0.014
108-88-3	Toluene	0.040	U	0.040	0.011
108-90-7	Chlorobenzene	0.040	U	0.040	0.0094
109-99-9	Tetrahydrofuran	1.0	U	1.0	0.34
110-54-3	Hexane	0.10	U	0.10	0.032
110-82-7	Cyclohexane	0.040	U	0.040	0.010
120-82-1	1,2,4-Trichlorobenzene	0.10	U	0.10	0.060
123-91-1	1,4-Dioxane	0.040	U	0.040	0.038
124-48-1	Dibromochloromethane	0.040	U	0.040	0.011
127-18-4	Tetrachloroethene	0.040	U	0.040	0.0072
142-82-5	n-Heptane	0.040	U	0.040	0.017
156-59-2	1,2-Dichloroethene, cis-	0.028	U	0.028	0.0064
156-60-5	1,2-Dichloroethene, trans-	0.040	U	0.040	0.0040
1634-04-4	Methyl tert-butyl ether	0.040	U	0.040	0.013
179601-23-1	m,p-Xylene	0.10	U	0.10	0.0028
540-84-1	2,2,4-Trimethylpentane	0.040	U	0.040	0.014
541-73-1	1,3-Dichlorobenzene	0.040	U	0.040	0.013
56-23-5	Carbon tetrachloride	0.028	U	0.028	0.0048
593-60-2	Vinyl bromide	0.040	U	0.040	0.0096
622-96-8	4-Ethyltoluene	0.040	U	0.040	0.014
64-17-5	Ethanol	1.0	U	1.0	0.50
67-63-0	Isopropanol	1.0	U	1.0	0.44

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: <u>Eurofins Burlington</u>	Job No.: <u>200-78047-1</u>
SDG No.: _____	
Client Sample ID: <u>4081</u>	Lab Sample ID: <u>200-78047-9</u>
Matrix: <u>Air</u>	Lab File ID: <u>65203-25.d</u>
Analysis Method: <u>TO-15</u>	Date Collected: <u>05/16/2025 00:00</u>
Sample wt/vol: <u>1000 (mL)</u>	Date Analyzed: <u>05/21/2025 05:09</u>
Soil Aliquot Vol: _____	Dilution Factor: <u>0.2</u>
Soil Extract Vol.: _____	GC Column: <u>RTX-624</u> ID: <u>0.32 (mm)</u>
Purge Volume: _____	Heated Purge: (Y/N) _____ pH: _____
% Moisture: _____ % Solids: _____	Level: (low/med) <u>Low</u>
Analysis Batch No.: <u>216346</u>	Units: <u>ppb v/v</u>
Preparation Batch No.: _____	Instrument ID: <u>CHW.i</u>

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
67-64-1	Acetone	1.0	U	1.0	0.38
67-66-3	Chloroform	0.040	U	0.040	0.012
71-43-2	Benzene	0.040	U	0.040	0.010
71-55-6	1,1,1-Trichloroethane	0.040	U	0.040	0.015
74-83-9	Bromomethane	0.040	U	0.040	0.012
74-87-3	Chloromethane	0.10	U	0.10	0.066
75-00-3	Chloroethane	0.10	U	0.10	0.032
75-01-4	Vinyl chloride	0.028	U	0.028	0.0058
75-09-2	Methylene Chloride	0.10	U	0.10	0.038
75-15-0	Carbon disulfide	0.10	U	0.10	0.036
75-25-2	Bromoform	0.040	U	0.040	0.012
75-27-4	Bromodichloromethane	0.040	U	0.040	0.012
75-34-3	1,1-Dichloroethane	0.040	U	0.040	0.0036
75-35-4	1,1-Dichloroethene	0.028	U	0.028	0.0070
75-65-0	tert-Butyl alcohol	1.0	U	1.0	0.32
75-69-4	Trichlorofluoromethane	0.040	U	0.040	0.015
75-71-8	Dichlorodifluoromethane	0.10	U	0.10	0.044
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.040	U	0.040	0.011
76-14-2	1,2-Dichlorotetrafluoroethane	0.040	U	0.040	0.015
78-87-5	1,2-Dichloropropane	0.040	U	0.040	0.011
78-93-3	Methyl ethyl ketone (MEK)	0.10	U	0.10	0.028
79-00-5	1,1,2-Trichloroethane	0.040	U	0.040	0.011
79-01-6	Trichloroethene	0.028	U	0.028	0.0058
79-34-5	1,1,2,2-Tetrachloroethane	0.040	U	0.040	0.012
80-62-6	Methyl methacrylate	0.10	U	0.10	0.026
87-68-3	Hexachlorobutadiene	0.040	U	0.040	0.016
91-20-3	Naphthalene	0.10	U **	0.10	0.022
95-47-6	Xylene, o-	0.040	U	0.040	0.014
95-49-8	2-Chlorotoluene	0.040	U	0.040	0.012
95-50-1	1,2-Dichlorobenzene	0.040	U	0.040	0.013
95-63-6	1,2,4-Trimethylbenzene	0.040	U	0.040	0.016
591-78-6	2-Hexanone	0.10	U	0.10	0.040

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: Eurofins Burlington Job No.: 200-78047-1
 SDG No.: _____
 Client Sample ID: 4081 Lab Sample ID: 200-78047-9
 Matrix: Air Lab File ID: 65203-25.d
 Analysis Method: TO-15 Date Collected: 05/16/2025 00:00
 Sample wt/vol: 1000 (mL) Date Analyzed: 05/21/2025 05:09
 Soil Aliquot Vol: _____ Dilution Factor: 0.2
 Soil Extract Vol.: _____ GC Column: RTX-624 ID: 0.32 (mm)
 Purge Volume: _____ Heated Purge: (Y/N) _____ pH: _____
 % Moisture: _____ % Solids: _____ Level: (low/med) Low
 Analysis Batch No.: 216346 Units: ppb v/v
 Preparation Batch No.: _____ Instrument ID: CHW.i

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
115-07-1	Propene	1.0	U	1.0	0.92
75-45-6	Chlorodifluoromethane	0.10	U	0.10	0.072
106-97-8	Butane	0.10	U	0.10	0.062
108-05-4	Vinyl acetate	1.0	U	1.0	0.42
141-78-6	Ethyl acetate	1.0	U	1.0	0.26
98-82-8	Isopropylbenzene	0.040	U	0.040	0.014
103-65-1	N-Propylbenzene	0.040	U	0.040	0.012
98-06-6	tert-Butylbenzene	0.040	U	0.040	0.014
135-98-8	sec-Butylbenzene	0.040	U	0.040	0.014
99-87-6	4-Isopropyltoluene	0.040	U	0.040	0.016
100-44-7	Benzyl chloride	0.040	U	0.040	0.015
104-51-8	n-Butylbenzene	0.040	U	0.040	0.014

Eurofins Burlington
Target Compound Quantitation Report

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-25.d
 Lims ID: 200-78047-A-9
 Client ID: 4081
 Sample Type: Client
 Inject. Date: 21-May-2025 05:09:30 ALS Bottle#: 24 Worklist Smp#: 25
 Purge Vol: 200.000 mL Dil. Factor: 0.2000
 Sample Info: 200-0065203-025
 Operator ID: vtp Instrument ID: CHW.i
 Method: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\TO15_TO3_MasterMethod_W.m
 Limit Group: AI_TO15_ICAL
 Last Update: 21-May-2025 03:50:58 Calib Date: 11-Apr-2025 02:50:30
 Integrator: RTE ID Type: Deconvolution ID
 Quant Method: Internal Standard Quant By: Initial Calibration
 Last ICal File: \\chromfs\Burlington\ChromData\CHW.i\20250410-64660.b\64660-15.d
 Column 1 : RTX-624 (0.32 mm) Det: MS SCAN
 Process Host: CTX1691

First Level Reviewer: BKZ7

Date:

21-May-2025 09:48:15

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
1 Propene	41		4.110				ND	
2 Dichlorodifluoromethane	85		4.201				ND	
3 Chlorodifluoromethane	51		4.238				ND	
4 1,2-Dichloro-1,1,2,2-tetrafluoro	85		4.538				ND	
5 Chloromethane	50		4.655				ND	7
6 Vinyl chloride	62		4.949				ND	
7 Butane	43		4.955				ND	
8 Butadiene	54		5.062				ND	
9 Bromomethane	94		5.805				ND	
10 Chloroethane	64		6.100				ND	
13 Vinyl bromide	106		6.570				ND	
14 Trichlorofluoromethane	101		6.758				ND	
16 Ethanol	45		7.164				ND	
20 1,1-Dichloroethene	96		7.983				ND	
21 1,1,2-Trichloro-1,2,2-trifluoro	101		8.036				ND	
22 Acetone	43		8.058				ND	
23 Isopropyl alcohol	45		8.405				ND	
24 Carbon disulfide	76	8.491	8.482	0.016	1	1458	0.0157	
26 3-Chloro-1-propene	41		8.812				ND	
27 Methylene Chloride	49		9.090				ND	7
28 2-Methyl-2-propanol	59		9.315				ND	
31 Methyl tert-butyl ether	73		9.689				ND	
30 trans-1,2-Dichloroethene	61		9.695				ND	
32 Hexane	57		10.299				ND	
33 1,1-Dichloroethane	63		10.588				ND	
34 Vinyl acetate	43		10.593				ND	
36 2-Butanone (MEK)	72		11.679				ND	
37 cis-1,2-Dichloroethene	96		11.722				ND	
38 Ethyl acetate	88		11.776				ND	
* 39 Chlorobromomethane	128	12.193	12.182	0.011	80	202485	10.0	
40 Tetrahydrofuran	42		12.236				ND	
41 Chloroform	83		12.380				ND	

Compound	Sig	RT (min.)	Adj RT (min.)	Dlt RT (min.)	Q	Response	OnCol Amt ppb v/v	Flags
42 1,1,1-Trichloroethane	97		12.723				ND	
43 Cyclohexane	84		12.888				ND	
44 Carbon tetrachloride	117		13.038				ND	
45 Benzene	78		13.407				ND	7
46 1,2-Dichloroethane	62		13.482				ND	
47 Isooctane	57		13.643				ND	
48 n-Heptane	43		13.969				ND	7
* 49 1,4-Difluorobenzene	114	14.194	14.194	0.000	93	946466	10.0	
51 Trichloroethene	95		14.659				ND	7
53 1,2-Dichloropropane	63		15.141				ND	
54 Methyl methacrylate	69		15.210				ND	
55 1,4-Dioxane	88		15.269				ND	
58 Dichlorobromomethane	83		15.627				ND	
59 cis-1,3-Dichloropropene	75		16.467				ND	
61 4-Methyl-2-pentanone (MIBK)	43		16.713				ND	
62 Toluene	92		17.141				ND	
66 trans-1,3-Dichloropropene	75		17.553				ND	
67 1,1,2-Trichloroethane	83		17.944				ND	
68 Tetrachloroethene	166		18.174				ND	
69 2-Hexanone	43		18.340				ND	
70 Chlorodibromomethane	129		18.720				ND	
71 Ethylene Dibromide	107		18.971				ND	
* 73 Chlorobenzene-d5	117	19.907	19.902	0.005	84	869550	10.0	
74 Chlorobenzene	112		19.961				ND	
75 Ethylbenzene	91		20.148				ND	7
76 m-Xylene & p-Xylene	106		20.399				ND	
78 o-Xylene	106		21.111				ND	
79 Styrene	104		21.138				ND	
81 Bromoform	173		21.459				ND	
82 Isopropylbenzene	105		21.726				ND	
83 1,1,2,2-Tetrachloroethane	83		22.186				ND	7
85 N-Propylbenzene	91		22.384				ND	
86 2-Chlorotoluene	91		22.534				ND	
87 4-Ethyltoluene	105		22.566				ND	
88 1,3,5-Trimethylbenzene	105		22.652				ND	
91 tert-Butylbenzene	119		23.112				ND	
92 1,2,4-Trimethylbenzene	105		23.197				ND	
93 sec-Butylbenzene	105		23.433				ND	
94 1,3-Dichlorobenzene	146		23.625				ND	
95 4-Isopropyltoluene	119		23.647				ND	
96 1,4-Dichlorobenzene	146		23.775				ND	
97 Benzyl chloride	91		23.920				ND	
98 n-Butylbenzene	91		24.246				ND	
99 1,2-Dichlorobenzene	146		24.310				ND	
102 1,2,4-Trichlorobenzene	180		27.022				ND	
103 Hexachlorobutadiene	225		27.295				ND	
104 Naphthalene	128		27.573				ND	

QC Flag Legend

Processing Flags

7 - Failed Limit of Detection

Reagents:

ATTO15WISs_00010	Amount Added: 20.00	Units: mL	Run Reagent
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Eurofins Burlington

Data File: \\chromfs\Burlington\ChromData\CHW.i\20250520-65203.b\65203-25.d

Injection Date: 21-May-2025 05:09:30

Instrument ID: CHW.i

Operator ID: vtp

Lims ID: 200-78047-A-9

Lab Sample ID: 200-78047-9

Worklist Smp#: 25

Client ID: 4081

Purge Vol: 200.000 mL

Dil. Factor: 0.2000

ALS Bottle#: 24

Method: TO15_TO3_MasterMethod_W

Limit Group: AI_TO15_ICAL

Column: RTX-624 (0.32 mm)

Y Scaling: Method Defined: Scale to the Nth Largest Target: 1

