



ENVIRONMENTAL
ECOLOGICAL
SURVEY
CIVIL

May 27, 2026
Coneco Project No. 13763.001

Massachusetts Department of Environmental Protection
Western Regional Office
Bureau of Waste Site Cleanup
436 Dwight Street
Springfield, Massachusetts 01103

RE: **Summary of Assessment Activities**
Commercial Property
284 Main Street
Great Barrington, Massachusetts
Release Tracking Number 1-53383

To Whom It May Concern:

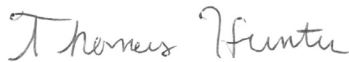
On behalf of Reistan Enterprises, Incorporated (Reistan), Coneco Engineers and Scientists, Incorporated (Coneco) submits this summary letter to inform the Massachusetts Department of Environmental Protection (MassDEP) of assessment activities which have occurred at the above-referenced property. Coneco has been retained to provide Licensed Site Professional (LSP) services for the above-referenced property under Release Tracking Number (RTN) 1-53383. The following serves as a summary of assessment activities performed to date at the commercial property identified as 284 Main Street in Great Barrington, Massachusetts, hereinafter referred to as the "Subject Property." This summary letter is being prepared in accordance with the Notice of Responsibility for the Subject Property issued by MassDEP on May 6, 2026.

In late 2025, AEI Consultants (AEI), an environmental consultant of Reistan, performed a Phase I Environmental Site Assessment (ESA) at the Subject Property. The Phase I ESA identified environmental conditions which may indicate a release of oil and/or hazardous materials (OHM) to the environment, and a Phase II Subsurface Investigation was initiated by AEI in early 2026. Investigation activities performed by AEI include a geophysical survey and site inspection, the advancement of soil borings and collection of soil samples, the installation of groundwater monitoring wells and collection of groundwater samples, the collection of interior and exterior soil gas samples, and the collection of interior and exterior ambient air samples. Laboratory analytical results for groundwater samples collected at the Subject Property indicate concentrations of trichloroethene (TCE) and tetrachloroethene (PCE) in excess of the applicable RCGW-1 MassDEP Reportable Concentrations presented in 310 CMR 40.0000. Laboratory analytical results for soil gas samples collected at the Subject Property indicate concentrations of TCE and PCE in excess of the applicable MassDEP Commercial Soil Gas Screening Values as published in the MassDEP Vapor Intrusion Guidance (Policy #WSC-16-435). The Limited Phase II Subsurface Investigation report prepared by AEI and dated March 6, 2026, is included for reference.

Coneco plans to continue evaluating the extent of the release of TCE and PCE at the Subject Property. Additional response actions will include the collection of sub-slab soil gas samples from the commercial properties located at 14 and 20 Railroad Street, which abut the Subject Property where TCE and PCE concentrations were initially detected in groundwater. Findings of the response actions will be included in future regulatory submittals to MassDEP

If you have any questions regarding the above information, please contact the undersigned.

Sincerely,
Coneco Engineers & Scientists, Incorporated



Thomas R. Hunter
Project Scientist



Brian F. Klingler, PG, LSP
Principal Geologist

TRH:BFK:jw
U:\13753.001 - Assessment Summary Letter

ENCLOSURES: Limited Phase II Subsurface Investigation - AEI Consultants

cc: MADEP-WRO
Reistan Enterprises, Incorporated



Limited Phase II Subsurface Investigation Report

REPORT DATE: March 4, 2026 (revised March 6, 2026)

SUBJECT PROPERTY INFORMATION

284 Main Street
Great Barrington, Massachusetts 01230

PROJECT INFORMATION

AEI Project No. 519671

PREPARED FOR

Lone Park Realty
249 West 76th Street #A
New York, New York 10023

PREPARED BY

AEI Consultants
20 Gibson Place, Suite 310
Freehold, New Jersey 07728

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20 Gibson Place, Suite 310
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March 4, 2026 (revised March 6, 2026)

Andrew Doppelt
Lone Park Realty
249 West 76th Street #A
New York, New York 10023

Subject: Limited Phase II Subsurface Investigation
284 Main Street
Great Barrington, Massachusetts 01230
AEI Project No. 519671

Dear Mr. Doppelt,

This report presents the results of the Limited Phase II Subsurface Investigation conducted by AEI Consultants (AEI) at 284 Main Street, Great Barrington, Massachusetts ("subject property") to assess the recognized environmental conditions identified in the Phase I Environmental Site Assessment report by AEI dated November 24, 2025. The investigation was performed in general accordance with the scope of services outlined in our proposal dated December 3, 2025 (AEI Proposal Number 159680), which was subsequently authorized on January 5, 2026 and AEI's change order number 160698 dated January 29, 2026, authorized by the Client on February 3, 2026.

AEI appreciates the opportunity to support this important project. If you have any questions, please do not hesitate to contact me.

Sincerely,

Karen Hurd
Senior Vice President National Accounts - Boston
khurd@aeiconsultants.com

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1.0 PURPOSE

This report presents the results of the Limited Phase II Subsurface Investigation (Phase II) performed by AEI Consultants (AEI) at 284 Main Street, Great Barrington, Massachusetts (subject property). The investigation was conducted in general accordance with the scope of work presented in AEI's proposal number 159680 dated December 3, 2025, authorized by the Client on January 5, 2026 and AEI's change order number 160698 dated January 29, 2026, authorized by the Client on February 3, 2026.

The general purpose of this Phase II was to evaluate whether the subsurface has been materially impacted by the recognized environmental conditions (RECs) identified in the Phase I Environmental Site Assessment (ESA) prepared by AEI dated November 24, 2025. The subject property descriptions, background, investigation procedures, findings, summary, and conclusions are presented in the following sections.

2.0 SUBJECT PROPERTY DESCRIPTION AND BACKGROUND

Details on the subject property description and background are presented below as referenced in November 24, 2025, Phase I ESA.

2.1 Subject Property Description

The subject property is located in a residential and commercial area of Great Barrington, Massachusetts. The subject property consists of approximately 0.5 acres of land that is improved with a one- to three-story mixed-use building. The building contains multiple different units including retail spaces, professional offices, and multi-family residential units. The remainder of the subject property is an asphalt-paved parking lot.

The subject property appeared to be generally flat, with a topographic gradient toward the east and is situated at an elevation approximately 706 feet above mean sea level. Groundwater flow direction is inferred to follow the topographic gradient, flowing towards the east. The subject property location appears on Figure 1 - Topographic Map.

Refer to Section 4.1 below for additional information on the subject property subsurface conditions encountered during drilling.

2.2 Background

According to the Phase I ESA, the following RECs were identified at the subject property:

- Two gasoline underground storage tanks (UST) are depicted on the 1923 Sanborn map to the west of the subject building in the parking lot. The 1947 Sanborn depicts one potential tank between the buildings. The former tanks were removed from the map; one located in the footprint of the addition of the subject building and another removed from the Sanborn. It is presumed the second gasoline UST was removed during the

building addition; however, the status of these USTs is unknown. AEI observed a UST manhole cover and two monitoring wells during the November 17, 2025 site reconnaissance. The Great Barrington Fire Department (GBFD) reported that there are no records of UST registration or closure documentation for the subject property. The subject property building heating system was converted to natural gas at an undisclosed time. The site contact indicated that a UST was present in the parking lot. It is possible the observed UST is an abandoned heating oil UST. The lack of information regarding the UST status and UST closure documentation for these USTs represents a REC and a potential vapor encroachment condition (VEC) for the subject property.

- A dry cleaner is depicted at the southwestern corner of the subject property on the 1947 Sanborn. The location of this former dry cleaner is currently part of the subject property parking lot. No additional information regarding former on-site dry-cleaning operations is provided in historical sources. The subject property is not identified as a hazardous waste generator; however, the dry cleaner dates back prior to the promulgation of robust environmental regulations. The presence of a former dry cleaner with unknown chemical use and hazardous waste generation management practices represents a REC and a potential vapor encroachment condition (VEC) for the subject property.

3.0 FIELD INVESTIGATION AND OBSERVATIONS

The subsurface investigation efforts included the following:

- Performance of a geophysical survey to identify suspect USTs and clear proposed drilling locations of utilities,
- Inspection of the suspect monitoring wells and collecting a sample, if able,
- Advancement of two soil borings to 10 feet below ground surface (bgs) for the collection of soil samples,
- Conversion of one soil boring to a temporary soil gas point,
- Conversion of the two soil borings to temporary well points (TWP) for the collection of groundwater samples,
- Installation of four temporary sub-slab vapor points for the collection of a soil gas sample beneath the building, and
- Collection of three indoor air and one ambient air sample.

The boring/sample locations appear on Figure 2 - Sample Location Map and investigative activities are summarized below.

3.1 Health and Safety Plan

A health and safety plan was prepared to address potential hazards during the subsurface investigation, reviewed by on-site personnel, and maintained by the field crew for the duration of the investigation.

3.2 Utility Clearance

The public underground utility locator Massachusetts 811 was notified who, in turn, notified subscribing utility companies of the planned investigation work for underground utility locations to be marked along the ground surface around the boundaries of the subject property and proposed boring locations, where accessible. Private utility locating was conducted by Underground Surveying, LLC of Brookfield, Connecticut and by East Coast Geophysics by Bensalem, Pennsylvania, under subcontract to AEI to further identify and locate underground utilities in the areas of proposed drilling which were adjusted accordingly when encountered.

3.3 Geophysical Survey and Surface Feature Inspections

On January 14, 2026, in addition to the utility locating activities, a geophysical survey was conducted by Underground Surveying, LLC of Brookfield, Connecticut. The purpose of the survey was to evaluate underground structures including the presence of USTs, and/or other subsurface features at the known and likely areas of the USTs around the identified areas of concern (manholes, Sanborn map tanks and dry cleaner area). The geophysical survey was conducted using ground-penetrating radar (GPR), magnetometer, and other utility locating equipment. Due to inclement weather conditions, including heavy salting and ice accumulation on the ground, Underground Surveying was unable to perform a comprehensive scan of all utilities at the subject property. The manhole cover that was identified in the REC was opened and inspected during the site investigation. Upon opening, it was discovered that this was a utility manhole rather than an UST cover as may have been initially suspected. The manhole contained electrical wires and utility infrastructure. During the investigation, an adjacent utility manhole was also identified and examined, which was found to contain fiber optic wires. The two apparent monitoring well covers were lifted. One was observed to be a monitoring well while the other was observed to be an apparent UST fill port. A set of apparent UST fill port and vent pipe were also observed at the northwest corner of the building.

The proposed drilling area was found to contain numerous utilities running through it, including fiber optic cables, electrical lines, sewer, and water infrastructure not marked by 811 DigSafe providers. Because Underground Surveying could not obtain a clear and accurate scan of these utilities due to the weather conditions, drilling activities were determined to be unsafe at the time.

On February 12, 2026, AEI returned to the subject property and a second geophysical survey was conducted by East Coast Geophysics, Inc. of Bensalem, Pennsylvania. During the scanning process, subsurface visibility was noted to be up to three feet bgs with shallower visibility under the sidewalk areas. During geophysical scanning, a linear anomaly was traced from the northwest fill port approximately 20 feet to the southwest. It is unknown whether this was a pipe or the edge of a suspect UST. No other anomalies were detected.

The Client should be aware of the inherent limitations of geophysical surveying methods and that utilities and features whether above-ground or in the subsurface (i.e., automobiles, debris piles, tree roots, reinforced concrete, certain soil conditions, etc.), may decrease the effectiveness of the survey equipment. The Client should not conclude that such features are

definitively non-existent, only that they were not detected. Conversely, should the survey indicate that a subsurface obstruction may be present in a proposed boring location, the boring location will be adjusted accordingly.

3.4 Drilling and Soil Sample Collection

On February 12, 2026, two soil borings, designated SB-1 and SB-2, were advanced on the subject property at the locations shown on Figure 2. The borings were advanced by Geosearch Environmental Contractors (Geosearch) of Sterling, Massachusetts using an air knife vacuum truck to 5 feet below ground surface (bgs) to safely uncover any underground utilities and obstructions and then a direct push (DP) track-mounted drill rig from 5 to 10 feet bgs to collect soil and groundwater samples. The locations of the borings are listed below:

- Boring SB-1 was advanced to a total depth of 10 feet bgs to the southeast of the former dry cleaners; and
- Boring SB-2 was advanced to a total depth of 10 feet bgs to the northwest of the fill port and linear anomaly.

The locations of the borings were chosen, in part, based on the features of concern, results of the utility clearance and/or the geophysical survey, as well presumed groundwater flow direction.

The soil borings were evaluated throughout their entire depths for the purposes of lithologic logging, field screening (i.e., headspace testing for the presence of organic vapors), and laboratory analyses. The soil samples from the deep soil borings were obtained using a single-walled coring system approximately 2.25 inches in diameter and 5 feet in length which contained plastic liners. The coring system was connected to a 1.25-inch diameter, flush-jointed drill rod that was hydraulically driven (pushed) by the rig to each target sample depth. Upon retrieval from each sample depth interval, the coring system was opened, and the liners were removed and the soil was cut open for visual inspection of the contents and lithologic logging purposes. Recovered soil samples were examined for soil classification and described on detailed boring logs in general conformance with the Unified Soil Classification System. The boring logs are presented in Appendix A.

Field screening was performed using a photoionization detector (PID) equipped with an electrodeless 10.6-electron volt (eV) ultraviolet lamp capable of detecting the presence of organic vapors in the soil samples collected. The PID was calibrated by the rental company, US Environmental Rental Corporation of Hamilton, New Jersey, prior to delivery to AEI for the project, and calibrated by AEI in the field prior to use. Using a decontaminated, single-use field sampler, a longitudinal score deep enough to expose a porous surface the length of the soil core or very small divots at six-inch intervals were made to expose a porous surface. Simultaneously, the PID probe was placed immediately above the lateral scoring. There was no visual or olfactory evidence of potentially impacted soil observed in the soil cores that were recovered during drilling activities. No elevated PID readings above background conditions of 0.2 parts per million (ppm) were observed in any of the soils screened. The resulting PID measurements were recorded in the boring logs that are presented in Appendix A.

Selected soil samples were collected for potential laboratory analysis from the depth interval immediately above groundwater interface. Samples not used for measuring organic vapors were transferred from the plastic liners and placed into clean, laboratory-supplied containers with preservative, as appropriate. After sealing the sample containers, each sample was appropriately labeled, entered on the chain-of-custody documentation, and placed into an insulated shipping container with ice for transportation to a State of Massachusetts-certified laboratory for analysis.

3.5 Groundwater Sample Collection

On January 14, 2026, AEI conducted groundwater sampling of the existing on-site monitoring well designated as MW-1. The depth to water gauged in the well was 3.89 feet bgs. Prior to the collection of a groundwater sample from the specified location, approximately three well volumes of water were purged from the monitoring well utilizing a peristaltic pump and dedicated tubing.

On February 12, 2026, two temporary groundwater monitoring wells designated as TW-1 and TW-2 were installed at borings SB-1 and SB-2 to facilitate collection of groundwater samples. The temporary well materials consisted of one-inch diameter, polyvinyl chloride (PVC), 0.010-slot well screen and casing that was installed in the borehole to facilitate groundwater infiltration and groundwater sample collection from the boring. The temporary well materials remained in place for approximately 60 minutes to allow groundwater infiltration for sample collection. During this time, a sufficient amount of groundwater infiltrated into the temporary well to collect the groundwater sample.

Prior to the collection of a groundwater sample from the specified location, approximately three well volumes of water were purged from the temporary wells utilizing a peristaltic pump and dedicated tubing.

After purging, the groundwater samples were collected into clean, laboratory-supplied containers with preservatives, as appropriate. After sealing, each sample container was appropriately labeled, recorded on COC documentation, and placed into an insulated shipping container with ice in preparation for transfer to a State of Massachusetts-certified laboratory for analysis.

3.6 Soil Gas Probe Installation and Sample Collection

On February 12, 2026, Geosearch installed one exterior temporary soil gas probe designated as SV-1 in soil boring SB-1. The soil gas probe was constructed of a 1-inch-long stainless-steel implant fitting inserted into a length of 0.25-inch outer diameter Teflon® tubing. The tubing was of sufficient length to set the implant fitting at a depth of 5 feet bgs, with sufficient working length above ground to attach the sampling media.

Prior to placing the probe into the boring, approximately 6-inches of clean filter pack sand was introduced into each boring. The probes were then installed into the borings and an additional 6 inches of sand was added to each boring. The sample probe was sealed in place by introducing

first a layer of dry granular bentonite, followed by hydrated granular bentonite to grade, to seal the boring and prevent “short-circuiting” (i.e., introduction of ambient air into the sample train). Following installation, the vapor probe was allowed to equilibrate in-situ for a minimum of one hour.

Prior to commencing sample collection, a shut-in test was performed on the Summa® canisters and flow controller assemblies to verify that there were no leaks in the sampling equipment. Three volumes of air were purged from each sample point, the initial vacuum readings of the Summa canisters were recorded, and then the flow controllers were opened to allow sample collection to begin. Sample collection was completed when a slight vacuum remained in the Summa® canisters; the final vacuum readings were recorded, and the flow controller was closed. The labels on the Summa® canisters were completed with the appropriate project information: the AEI project number, sample identification, date and final time of sample collection, the sampler’s name, and the initial and final vacuum readings for each canister. This information and additional information such as the laboratory identification of the Summa® canister and flow controller associated with each sample were entered on the laboratory’s chain-of-custody documentation that accompanied the samples to the analytical laboratory.

3.7 Boring Abandonment

Following completion of field activities, and the removal of well construction material and tooling, the boring locations were backfilled with soil cuttings and completed at the surface to match the surrounding conditions.

3.8 Sub-Slab Vapor Sample Collection

On February 12, 2026, Geosearch installed four temporary sub-slab vapor probes designated as SS-1 through SS-5 in the building’s basements in general accordance with the Massachusetts Department of Environmental Protection (MassDEP) Vapor Intrusion Guidance (VIG).

The sub-slab vapor samples were collected from just beneath the concrete slab into a laboratory-supplied Summa® canister after attaching laboratory-calibrated flow controllers with vacuum gauges set at 200 milliliters per minute (mL/min). New disposable polyethylene tubing was inserted into the core space just beneath the building slab and sealed off where the tubing meets the ground surface with beeswax. A water dam was installed around the tubing and slab interface to ensure no “short circuiting” (i.e., introduction of ambient air into the sample train) was occurring.

Prior to collecting the vapor sample, the integrity of the annular seal and sample train (including the connection to the Summa® canister) were confirmed by performing a shut-in test. Three volumes of air were purged from the probe, the initial vacuum reading shown on the gauge and the time were recorded; then the flow controller was opened to allow sample collection to begin. Sample collection was complete when only a slight vacuum remained in the Summa® canister; this final vacuum reading and the time were recorded, and then the flow controller was closed.

The label on the Summa[®] canister was completed with the appropriate project information: the AEI project number, sample identification, date and final time of sample collection, sampler's name, and the initial and final vacuum readings. This information, and sometimes additional information such as the laboratory identification of the Summa[®] canister and flow controller associated with the sample, were entered on the laboratory's chain-of-custody documentation that accompanied the sample to the laboratory.

3.9 Air Sample Collection

On February 12, 2026, AEI collected three indoor air samples and one outdoor/ambient air sample, with the indoor air samples co-located with sub-slab vapor samples SS-1 through SS-3, in general accordance with MassDEP VIG.

The air samples were collected from within the breathing zone, approximately 3 to 5 feet above the ground surface. The indoor air sample was collected near the corresponding sub-slab vapor sample location. Air samples were collected in laboratory-supplied, batch certified, 6-Liter Summa[®] canisters using laboratory-calibrated flow controllers set to collect each sample over a period of 8-hours based on the commercial use of the subject property.

Prior to beginning sample collection, a shut-in test was performed to confirm that the connection between the Summa[®] canister and the flow controller was secure. A successful shut-in test ensures that only air passing through the regulator and filter is admitted into the Summa[®] canister. After the initial vacuum reading, date, and time were recorded, sample collection commenced.

Sample collection was completed shortly before the designated sample time as determined by the calibrated flow controller. The final date, time, and vacuum reading were recorded. Canisters were then sealed with a slight vacuum remaining.

The samples were prepared by completing the tag attached to each Summa[®] canister with the requested information: the sample identification, the final date and time of sample completion, the sampler's name, the initial and final vacuum readings, and if required, the flow controller used with that canister. This information was also entered on the chain-of-custody documentation in preparation of transferring the samples to Pace for analysis.

During sample collection, AEI performed a walkthrough of the building to identify potential background sources of indoor air contamination prior to conducting air sampling. Key components of the building walkthrough include, but are not limited to, the following items: 1) identification of potential background sources of volatile organic compounds (VOCs); 2) assessment of the building construction (e.g., concrete slab, air flow); 3) identification of points of potential vapor intrusion (VI) into the building; and 4) identification of possible sample locations. No significant potential contributors to indoor air quality degradation were noted as part of AEI's walkthrough. An indoor air building survey and sampling form is provided in Appendix B.

3.10 Decontamination Procedures and Investigation-Derived Waste

AEI personnel wore disposable nitrile gloves during sample collection and changed gloves between sample locations. Down-hole equipment including sampling tubes, samplers, and hand tools were decontaminated prior to drilling each boring or were dedicated to a single boring.

No investigation-derived waste requiring regulated disposal or characterization was generated during the field activities.

3.11 Laboratory Analyses

The soil and groundwater samples were labeled and placed into insulated coolers containing ice, then transferred under appropriate chain-of-custody documentation Pace Analytical of Westborough, Massachusetts. Two soil samples and two groundwater sample were collected and analyzed for select dry cleaning-related Chlorinated Volatile Organic Compounds (CVOs) using United States Environmental Protection Agency (USEPA) Testing Method 8260, Volatile Petroleum Hydrocarbons (VPH) ranges and targets using MassDEP Testing Method and Extractable Petroleum Hydrocarbons (EPHs) ranges and targets via MassDEP Testing Method.

The four Summa[®] canisters containing the sub-slab vapor samples were placed into laboratory-supplied cartons with the flow controllers and submitted to Pace where they were analyzed for Volatile Organic Compounds (VOCs) using USEPA Method TO-15. The three indoor air samples and one outdoor/ambient air sample were placed into laboratory-supplied cartons with the flow controllers and submitted to Pace, where they were placed “on hold” at the laboratory pending the results of the sub-slab vapor samples. Due to elevated levels of trichloroethene and tetrachloroethene in sub-slab vapor sample SS-1, air samples IA-1 and AA-1 were analyzed for these compounds only.

No further analyses were conducted as part of this investigation. Laboratory analytical reports with chain-of-custody documentation are provided in Appendix C.

4.0 FINDINGS

The findings of this investigation are summarized below.

4.1 Subsurface Conditions

Subsurface conditions observed during the drilling of the borings indicated that soils underlying the subject property consisted primarily of fine-grained sand, with some gravel and clay to a depth of 10 feet bgs, the maximum depth explored in this investigation. Groundwater was generally encountered at a depth of 7 to 8 feet bgs in TW-1 and TW-2 and at 3.89 feet bgs in MW-1.

4.2 Analytical Results

For the purpose of providing context to the data obtained during this investigation, analytical results are compared to available regulatory screening levels. MassDEP has the responsibility for overseeing soil and groundwater cleanups which are managed under the Massachusetts Contingency Plan (MCP, 310 CMR 40.000). The results of this investigation were evaluated against applicable MCP reportable concentrations (RCs) for soil. RCs are applied to sites to evaluate if a release condition (impact) is present that warrants further investigation or action. RCS-1 are applicable to soil samples collected at all sites that are located at or within 500 feet of sensitive receptors such as residences, schools, or a sensitive environmental area like a wetland. RCS-2 is applied to all soil samples that are not obtained from category RCS-1 areas. RCGW-1 are applied to all groundwater samples obtained within a current or potential drinking water source area. RCGW-2 are applied to all groundwater samples not obtained from a RCGW-1 area. Reporting category RCGW-1 shall be selected whenever and wherever reasonable doubts exist over the selection of the appropriate groundwater Reportable Concentration category. According to the MassGIS Online MassMapper, the subject property is not located in a Non-Potential Drinking Water Source Area (NPDWSA).

Based on the subject property's mixed residential and commercial use, it appears the applicable criteria are RCS-1 for soil and RCGW-1 for groundwater. RCS-2 and RCGW-2 are also included for comparison purposes.

The sub-slab soil vapor and air results of this investigation were compared to applicable MassDEP VIG screening values. Sub-slab soil vapor results were evaluated against the Residential Sub-Slab Soil Gas Screening Values (MA-RSSGV) and Sub-Slab Soil Gas Screening Values (MA-CISSGV). Air results were evaluated against the Residential Threshold Values (MA-RTV) and Commercial/Industrial Threshold Values (MA-CITV).

Copies of the Laboratory analytical reports with chain-of-custody documentation are presented in Appendix C.

4.2.1 Soil Sample Analytical Results

Table 1 presents a summary of the soil sample analytical results and comparison levels. The analytical results can be summarized as follows:

- No VOCs, VPHs ranges and targets or EPHs ranges and targets were detected above their respective most stringent RCs in the soil samples collected and analyzed.

4.2.2 Groundwater Sample Analytical Results

Table 2 presents a summary of the groundwater sample results and comparison levels. The analytical results can be summarized as follows:

- Tetrachloroethene was detected in groundwater sample TW-1 at a concentration of 10 micrograms per liter ($\mu\text{g/L}$), which is above the RCGW-1 of 5 $\mu\text{g/L}$ but below the RCGW-2 of 20 $\mu\text{g/L}$. Tetrachloroethene was also detected in TW-2 at a concentration below its respective RCGW-1 and RCGW-2.

- Trichloroethene was detected in groundwater sample TW-1 at a concentration of 7.9 µg/L, which is above the RCGW-1 and RCGW-2 of 5 µg/L.
- No additional VOCs, VPHs ranges and targets or EPHs ranges and targets were detected above their respective most stringent RCs in the groundwater sample collected and analyzed.

4.2.3 Soil Gas Sample Analytical Results

Table 3 presents a summary of the soil gas and sub-slab vapor sample analytical results and comparison levels. The analytical results can be summarized as follows:

- Trichloroethene was detected in sub-slab vapor sample SS-1 at a concentration of 68.3 micrograms per cubic meter (µg/m³), which exceeds the MA-RSSGV of 28 µg/m³ but is below the MA-CISSGV of 120 µg/m³. Trichloroethene was also detected in SV-1, SS-2 and SS-3 at concentrations below its MA-RSSGV and MA-CISSGV
- Tetrachloroethene was detected in sub-slab vapor sample SS-1 at a concentration of 313 µg/m³, which exceeds the MA-RSSGV of 98 µg/m³ and MA-CISSGV of 290 µg/m³. Tetrachloroethene was also detected in SV-1, SS-2, SS-3 and SS-4 at concentrations below its MA-RSSGV and MA-CISSGV.
- Additional VOCs were detected in the sub-slab vapor samples, all at concentrations below their respective MA-RSSGV and MA-CISSGV.

4.2.4 Air Sample Analytical Reports

Table 3 presents a summary of the analytical results for the one indoor air and one ambient/outdoor samples, along with their respective regulatory comparison levels, where applicable. A summary of the analytical results is presented below:

- Trichloroethene and Tetrachloroethene were not detected in air samples IA-1 and AA-1 above the laboratory method detection limits (MDLs).

5.0 SUMMARY AND CONCLUSIONS

AEI completed a Phase II at the subject property to evaluate whether the subsurface has been adversely impacted by the former UST and former dry cleaning operations identified as RECs. Investigation efforts included the performance of a geophysical survey to locate possible USTs, sampling of one existing monitoring well, advancement of two soil borings to 10 feet bgs for the collection of soil samples, conversion of one soil boring to a temporary soil gas point, conversion of the two soil borings to TWP's for the collection of groundwater samples, installation of four temporary sub-slab vapor points for the collection of a soil gas sample beneath the building, and collection of three indoor air and one ambient air sample at the subject property. The investigation results can be summarized as follows:

- AEI conducted two separate geophysical surveys and inspections of surface features to identify USTs and subsurface utilities at the subject property. During these surveys, two manholes were inspected and found to contain electrical wires and fiber optic cables rather than UST access points. Numerous utilities were observed to be present

throughout the parking lot area. The two apparent monitoring well covers were lifted. One was observed to be a monitoring well while the other was observed to be an apparent UST fill port. A set of apparent UST fill port and vent pipe were also observed at the northwest corner of the building. A linear anomaly was traced from the northwest fill port approximately 20 feet to the southwest. It is unknown whether this was a pipe or the edge of a suspect UST. No other anomalies were detected.

- Tetrachloroethene and trichloroethene were detected in groundwater sample TW-1 above the RCGW-1. Trichloroethene was also detected above RCGW-2.
- Tetrachloroethene and trichloroethene were detected in sub-slab vapor sample SS-1 above the MA-RSSGV. Trichloroethene was also detected above MA-CISSGV.
- Tetrachloroethene and trichloroethene were not detected in the two air samples analyzed above the method detection limits.

The apparent UST fill ports with a linear geophysical anomaly identified between them indicates that at least one UST may be present at the subject property which likely correlates to the known UST that the site contact indicated was present. Therefore, AEI recommends consulting a Massachusetts Licensed Site Professional and properly closing the UST in accordance with all applicable regulations.

If groundwater monitoring is not required in the future, the existing permanent monitoring well should be properly closed in accordance with all applicable regulations. AEI recommends the permanent monitoring well remain in place until a resolution of the above-mentioned geophysical anomaly/UST concern has been addressed.

The elevated detections of tetrachloroethene and trichloroethene in groundwater sample TW-1 and sub-slab vapor sample SS-1, which were located near the former dry cleaner, likely indicates that the former dry cleaner has resulted in a release. The contamination appears localized; however, the exceedance constitutes a reportable release under the Massachusetts Contingency Plan. Based on these results, AEI recommends following local and State reporting protocols to include consultation with a Massachusetts Licensed Site Professional to evaluate notification requirements.

Based on the lack of tetrachloroethene and trichloroethene concentrations detected in the indoor air sample, it appears that the concrete slab is acting as an engineering control to vapor intrusion, and a complete vapor intrusion (VI) pathway does not currently exist at the areas sampled. As a best management practice (BMP), periodic inspection and maintenance of the floor slab should be performed to minimize the potential for future VI, and periodic indoor air testing should be conducted to verify the absence of a complete VI pathway. It should be noted that if redevelopment activities or other subsurface work is performed in the future, additional characterization and management of subsurface soil may be warranted.

6.0 REFERENCES

AEI, 2025, *Phase I Environmental Site Assessment, 284 Main Street, Great Barrington, Massachusetts 01230*, dated November 24.

MassDEP, 2024, *Massachusetts Contingency Plan 310 CMR 40.0000*, dated March 1.

MassDEP, 2016, *VAPOR INTRUSION GUIDANCE: SITE ASSESSMENT, MITIGATION AND CLOSURE*
dated October 14.

7.0 REPORT LIMITATIONS AND RELIANCE

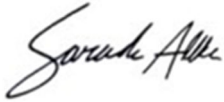
This report presents a summary of work completed by AEI Consultants. The completed work includes observations and descriptions of conditions encountered. Where appropriate, it includes analytical results for samples taken during the course of the work. The number and location of samples are chosen to provide the requested information, subject to scope of work for which AEI was retained and limitations inherent in this type of work, but it cannot be assumed that they are representative of areas not sampled. This report should not be regarded as a guarantee that no further contamination beyond that which could have been detected within the scope of this investigation is present beneath the subject property. Undocumented, unauthorized releases of hazardous material, the remains of which are not readily identifiable by visual inspection and are of different chemical constituents, are difficult and often impossible to detect within the scope of a chemical specific investigation.

Any conclusions and/or recommendations are based on these analyses and observations, and the governing regulations. Conclusions beyond those stated and reported herein should not be inferred from this document. These services were performed in accordance with generally accepted practices, in the environmental engineering and construction field, which existed at the time and location of the work. No other warranty, either expressed or implied, has been made.

This investigation was prepared for the sole use and benefit of Lone Park Realty. Both verbal and written, whether in draft or final, are for the benefit of Lone Park Realty. This report has no other purpose and may not be relied upon by any other person or entity without the written consent of AEI. Either verbally or in writing, third parties may come into possession of this report or all or part of the information generated as a result of this work. In the absence of a written agreement with AEI granting such rights, no third parties shall have rights of recourse or recovery whatsoever under any course of action against AEI, its officers, employees, vendors, successors or assigns. Reliance is provided in accordance with AEI's Proposal and Standard Terms & Conditions executed by Lone Park Realty. The limitation of liability defined in the Terms and Conditions is the aggregate limit of AEI's liability to the client and all relying parties.

8.0 SIGNATURES

This document was prepared by, or under the direction of, the undersigned.

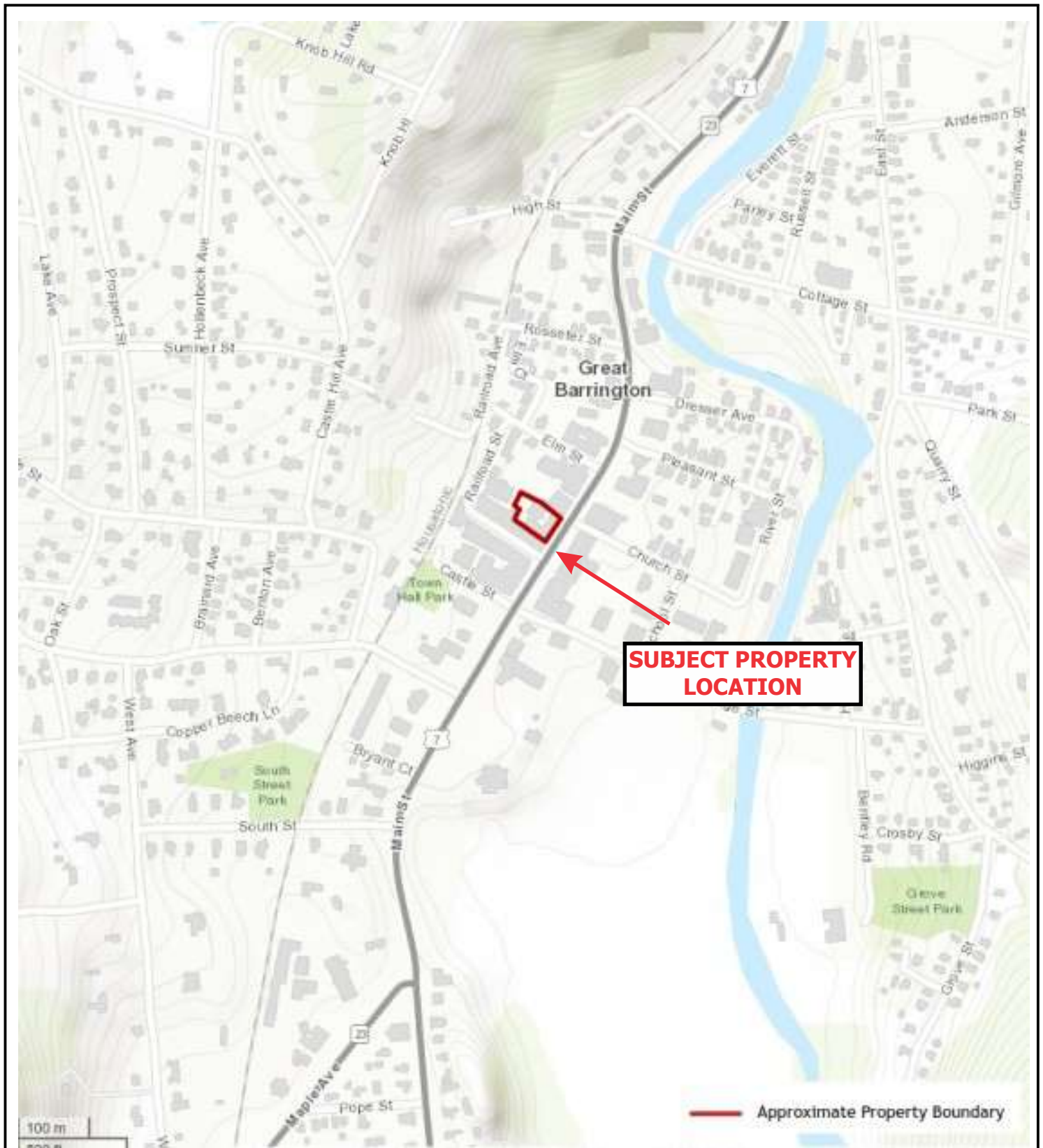


Saranda Alka
Project Manager



Ben Friedman
Senior Author

FIGURES



LEGEND

Approximate Subject Property Location

Source: USGS



TOPOGRAPHIC MAP



284 Main Street
Great Barrington, MA 01230

FIGURE 1
Project No. 519671



LEGEND

*Not a survey, all locations are approximate

- | | |
|------------------------------|------------------------------|
| — Approximate Site Boundary | — Assumed UST(s) Location |
| --- Former Dry Cleaner | --- 811 Utility Markouts |
| ○ Sanborn Map Gas Tank | ○ Utility Manhole |
| ⊕ Monitoring Well | ▢ Pad-Mounted Transformer |
| ● Apparent UST Fill Port | ⊕ Soil Boring/TW Location |
| ➡ Estimated Groundwater Flow | ⊕ Soil Boring/TW/SG Location |
| ⊕ Air Sample Location | ⊕ Sub-Slab Vapor Location |

SAMPLE LOCATION MAP



284 Main Street
Great Barrington, MA 01230

FIGURE 2
Project No. 519671

TABLES

TABLE 1
SOIL DATA SUMMARY
February 12, 2025
284 Main Street
Great Barrington, MA 01230
AEI Project Number 519671

SAMPLE ID:	RCS-1-24	RCS-2-24	SB-1	SB-2
COLLECTION DATE:			2/12/2026	2/12/2026
SAMPLE DEPTH (ft bgs):			6.0-7.0	6.0-7.0
Analyte	MCP Comparison Criteria (mg/kg)		Results (mg/kg)	
Select CVOCs via by US EPA Method 8260				
Tetrachloroethene	1	4	0.00043 J	0.0012
Remaining select CVOCs	Various	Various	ND	ND
VPHs Ranges and Targets via MassDEP				
All VPHs Ranges and Targets	Various	Various	ND	ND
EPHs Ranges and Targets via MassDEP				
C19-C36 Aliphatics	3000	5000	22.4	ND
C11-C22 Aromatics	-	-	9.73	ND
C11-C22 Aromatics, Adjusted	1000	3000	9.73	ND
Remaining EPHs and Ranges and Targets	Various	Various	ND	ND

Notes:

All values presented are in units of milligram per kilogram (mg/kg).

VPHs	Volatile Petroleum Hydrocarbons
EPHs	Extractable Petroleum Hydrocarbons
CVOC	Chlorinated volatile organic compounds
ND	Not detected above laboratory method detection limit.
J	Concentration is an estimate
-	No comparison value
MCP	Massachusetts Contingency Plan
RCS-1-24	MCP 2024 RCS-1 Reportable Concentrations Criteria effective March 1, 2024.
RCS-2-24	MCP 2024 RCS-2 Reportable Concentrations Criteria effective March 1, 2024.

TABLE 2
GROUNDWATER DATA SUMMARY
 February 12, 2025
 284 Main Street
 Great Barrington, MA 01230
 AEI Project Number 519671



SAMPLE ID:	RCGW-1-24	RCGW-2-24	TW-1	TW-2	MW-1
COLLECTION DATE:			2/12/2026	2/12/2026	1/14/2026
Analyte	Comparison Criteria (ug/L)		Results (ug/L)		
Select CVOCs via by US EPA Method 8260					
Tetrachloroethene	5	20	10	0.75 J	ND
trans-1,2-Dichloroethene	100	90	0.46 J	ND	ND
Trichloroethene	5	5	7.9	ND	ND
cis-1,2-Dichloroethene	70	20	7.3	ND	ND
1,2-Dichloroethene, Total	-	-	7.8 J	ND	ND
Remaining select CVOCs	Various	Various	ND	ND	110
VPHs Ranges and Targets via MassDEP					
All VPHs Ranges and Targets	Various	Various	ND	ND	ND
EPHs Ranges and Targets via MassDEP					
All EPHs Ranges and Targets	Various	Various	ND	ND	ND

Notes:

All values presented are in units of micrograms per Liter (ug/L).

VPHs	Volatile Petroleum Hydrocarbons
EPHs	Extractable Petroleum Hydrocarbons
CVOCs	Chlorinated volatile organic compounds
ND	Not detected above laboratory method detection limit.
-	No comparison value

Number	Results exceed concentration criteria
--------	---------------------------------------

MCP	Massachusetts Contingency Plan
-----	--------------------------------

RCGW-1-24	MCP 2024 RCGW-1 Reportable Concentrations Criteria effective March 1, 2024.
-----------	---

RCGW-2-24	MCP 2024 RCGW-2 Reportable Concentrations Criteria effective March 1, 2024.
-----------	---

TABLE 3
SOIL GAS AND AIR DATA SUMMARY
February 12, 2025
284 Main Street
Great Barrington, MA 01230
AEI Project Number 519671

SAMPLE ID:	MA-RSSGV	MA-CISSGV	SV-1	SS-1	SS-2	SS-3	SS-4	MA-RTV	MA-CTV	IA-1	AA-1
MATRIX			Soil Gas	Soil Gas	Soil Gas	Soil Gas	Soil Gas			Indoor Air	Ambient Air
COLLECTION DATE:			2/12/2026	2/12/2026	2/12/2026	2/12/2026	2/12/2026			2/12/2026	2/12/2026
Analyte			Results (µg/m3)							Results (µg/m3)	
VOCs by US EPA Method TO-15											
Acetone	6400	50000	96.2	6.87	124	31.6	42.5	NT	NT	NT	NT
trans-1,2-Dichloroethene	56	3700	ND	1.84	ND	ND	ND	NT	NT	NT	NT
2-Butanone	850	310000	11.8	2.25	21.2	10.1	9.67	NT	NT	NT	NT
cis-1,2-Dichloroethene	56	370	ND	18.7	ND	ND	ND	NT	NT	NT	NT
Chloroform	130	210	ND	12.9	14.6	8.74	1.88	NT	NT	NT	NT
Benzene	160	800	7.09	1.39	2.49	10.5	4.76	NT	NT	NT	NT
Bromodichloromethane	9.2	45	ND	ND	ND	2.62	ND	NT	NT	NT	NT
Trichloroethene	28	120	8.12	68.3	2.34	1.3	ND	0.4	1.8	ND	ND
Toluene	3800	310000	25.1	12.4	30.8	81	35.3	NT	NT	NT	NT
Tetrachloroethene	98	290	44.7	313	12.1	51.7	11.8	1.4	4.1	ND	ND
Ethylbenzene	520	62000	5.99	2.81	7.64	16	5.13	NT	NT	NT	NT
p/m-Xylene	-	-	25.4	13	35	59.5	17.9	NT	NT	NT	NT
Xylenes, Total	1400	6200	35	17.9	48.2	83.8	24.3	NT	NT	NT	NT
o-Xylene	-	-	9.64	4.95	13	24.6	6.43	NT	NT	NT	NT
Remaining VOCs	Various	Various	ND	ND	ND	ND	ND	Various	Various	NT	NT

Notes:

VOC	Volatile Organic Compounds
-	No comparison value
Number	Results exceeds screening value
ND	Not detected above laboratory method detection limit.
NT	Analyte not a target for this analysis
MA-RSSGV	Residential Sub-slab Soil Gas Screening Values
MA-CISSGV	Commercial Sub-slab Soil Gas Screening Values
MA-RTV	Residential Threshold Values
MA-CISSGV	Commercial Threshold Values

APPENDIX A

Boring Logs

LOGO

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94596
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER SB-1

PAGE 1 OF 1

CLIENT <u>Lone Park Realty</u>	PROJECT NAME <u>284 Main Street</u>
PROJECT NUMBER <u>519671</u>	PROJECT LOCATION <u>Great Barrington, Massachusetts</u>
DATE STARTED <u>2/12/26</u> COMPLETED <u>2/12/26</u>	GROUND ELEVATION _____ HOLE SIZE <u>2.25 inches</u>
DRILLING CONTRACTOR <u>GeoSearch</u>	GROUND WATER LEVELS:
DRILLING METHOD <u>Vac Truck and Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>S.Alka</u> CHECKED BY <u>B.Friedman</u>	AT END OF DRILLING <u>---</u>
NOTES <u>converted to TW-1 and SV-1</u>	AFTER DRILLING <u>---</u>

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 2/25/26 15:07 - P:\COMPANYWIDE PROJECTS\519000 SERIES\519671 GREAT BARRINGTON, MA\SMIDELIVERABLES\APPENDIX\517217 GREAT BARRINGTON, MA BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						Casing Type: PVC
2.5			PID = 0		SAND, brown to dark brown, with gravel, trace silt	
5.0			PID = 0			
7.5	GB SB-1		PID = 0			
10.0			PID = 0			

Bottom of borehole at 10.0 feet.

LOGO

AEI Consultants
2500 Camino Diablo
Walnut Creek, CA 94596
Telephone: 925-746-6000
Fax: 925-746-6099

BORING NUMBER SB-2

PAGE 1 OF 1

CLIENT <u>Lone Park Realty</u>	PROJECT NAME <u>284 Main Street</u>
PROJECT NUMBER <u>519671</u>	PROJECT LOCATION <u>Great Barrington, Massachusetts</u>
DATE STARTED <u>2/12/26</u> COMPLETED <u>2/12/26</u>	GROUND ELEVATION _____ HOLE SIZE <u>2.25 inches</u>
DRILLING CONTRACTOR _____	GROUND WATER LEVELS:
DRILLING METHOD <u>Vac Truck and Direct Push</u>	AT TIME OF DRILLING <u>---</u>
LOGGED BY <u>S.Alka</u> CHECKED BY <u>B.Friedman</u>	AT END OF DRILLING <u>---</u>
NOTES <u>converted to TW-2</u>	AFTER DRILLING <u>---</u>

ENVIRONMENTAL BH - GINT STD US LAB.GDT - 2/25/26 15:07 - P:\COMPANYWIDE PROJECTS\519000 SERIES\519671 GREAT BARRINGTON, MA\SMIDELIVERABLES\APPENDIX\517217 GREAT BARRINGTON, MA BORING LOGS.GPJ

DEPTH (ft)	SAMPLE TYPE NUMBER	BLOW COUNTS (N VALUE)	ENVIRONMENTAL DATA	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0						
2.5			PID = 0		SAND, brown to dark brown, with gravel, trace silt	
5.0			PID = 0			
7.5	GB SB-2		PID = 0			
10.0			PID = 0			

Bottom of borehole at 10.0 feet.

APPENDIX B

Indoor Air Survey

Indoor Air Quality Building Survey

Date: 2/12/2026

RTN: _____

Address: 284 Main Street, Great Barrington, MA

Building Contact: _____

Phone: Tel: _____

Cell: _____

Work: _____

Current Occupants: Various tenants

INITIALS	AGE	SEX (M/F)

Building Construction Characteristics: (Circle or underline appropriate responses)

Single Family

Multiple Family

School

Commercial

Ranch

2-Family

Raised Ranch

Duplex

Cape

Apartment House

Colonial

of units _____

Split Level

Condominium

Colonial

of units _____

Mobile Home

Other _____

Other _____

General Description of Building Construction Materials:

Wood Brick Stone Metal Other _____How many occupied stories does the building have? one to three

Has the building been weatherized with any of the following?

Insulation

Storm Windows

Energy-Efficient Windows

Other _____

Indoor Air Quality Building Survey, continued

What type of basement does the building have?

☒ Full basement

☒ Crawlspace

☐ Slab-on-Grade

☐ Other _____

What are the characteristics of the basement?

☐ Finished

☒ Unfinished

☐ Other _____

Basement Floor:

Foundation Walls:

Moisture:

☒ Concrete

☐ Poured Concrete

☐ Wet

☐ Dirt

☒ Block

☐ Damp

☐ Stone

☒ Dry

Is a basement sump present? (Y/N) _____

Does the basement have any of the following characteristics (i.e., preferential pathways into the building) that might permit soil vapor entry?

☒ Cracks

☐ Pipes/Utility Conduits

☐ Foundation/slab drainage

☐ Sump pumps

☐ Other _____

Heating and Ventilation System(s):

What type(s) of heating system are used in this building?

☒ Hot Air Circulation

☐ Heat Pump

☐ Wood Stove

☐ Hot Air Radiation

☐ Unvented Kerosene Heater

☐ Electric Baseboard

☐ Forced Hot Water

☐ Steam Radiation

☐ Other _____

What type(s) of fuel are used in this building?

☒ Natural Gas

☒ Electric

☐ Coal

☐ Other _____

☐ Fuel Oil

☐ Wood

☐ Solar

What type(s) of mechanical ventilation system are present and/or currently operating in this building?

☒ Central Air Conditioning

☐ Mechanical Fan

☐ Bathroom Ventilation Fan

☐ Kitchen Range Hood

☐ Open Window

☐ Individual Air Conditioning Unit

☐ Air-to-Air Heat Exchange

☐ Other _____

Indoor Air Quality Building Survey, continuedSources of Chemical Contaminants:

Potential VOC Source	Check if present in building prior to sampling	Location of Source	Removed 48 hours prior to sampling? (Yes/No/NA)
Paints or paint thinners			
Gas-powered equipment			
Gasoline storage cans			
Cleaning solvents			
Air fresheners			
Oven cleaners			
Carpet/upholstery cleaners			
Hairspray			
Nail polish/polish remover			
Bathroom cleaner			
Appliance cleaner			
Furniture/floor polish			
Moth balls			
Fuel tank			
Wood stove			
Fireplace			
Perfume/colognes			
Hobby supplies (e.g., solvents, paints, lacquers, glues, photographic darkroom chemicals)			
Scented trees, wreaths, potpourri, etc.			
Other			
Other			

☐ YES ☒ NO

Do one or more smokers occupy this building on a regular basis?

☐ YES ☒ NO

Has anybody smoked in the building in the last 48 hours?

☐ YES ☒ NO

Does the building have an attached garage?

☐ YES ☒ NO

If so, is the garage used for parking cars

Indoor Air Quality Building Survey, continued

☐ YES ☒ NO Do the occupants of the building frequently have their clothes dry-cleaned?

☐ YES ☒ NO Was there any recent remodeling or painting done in the building?

☐ YES ☒ NO Are there any new pressed wood products in the building (e.g., hardwood plywood, wall paneling, particleboard, fiberboard)?

☐ YES ☒ NO Are there any new upholstery, drapes or other textiles in the building?

☐ YES ☒ NO Has the building interior been treated with any insecticides/pesticides?

If yes, what chemicals are used and how often are they applied?

Outdoor Sources of Contamination/Conditions:

Do any of the occupants apply pesticides/herbicides in the yard or garden? If yes, what chemicals are used and how often are they applied? No

Is there any stationary emission source in the vicinity of the building? No

Are there any mobile emission sources (e.g., highway, bus stop, high-traffic area) in the vicinity of the building? No

Type of ground cover (e.g., grass, pavement, etc.) outside the building: pavement

Other Information:

Is there other information about the structural features of the building, habits of its occupants or potential sources of contaminants to the indoor air that may be of significance to the evaluation of the indoor air quality of the building?

No

Weather Conditions during Sampling:

Outside Temperature (°F): 28

Prevailing wind direction and approximate wind speed: _____

Describe the general weather conditions (e.g., sunny, cloudy, rain): overcast

Was there significant precipitation (≥ 0.1 inches) within 12 hours preceding the sampling? No

Appendix C
Laboratory Analytical Report



ANALYTICAL REPORT

Lab Number:	L2607983
Client:	AEI Consultants 20 Gibson Place Suite 310 Freehold, NJ 07728
ATTN:	Saranda Alka
Phone:	(732) 414-2720
Project Name:	519671 GREAT BARRINGTON, MA
Project Number:	519671
Report Date:	02/26/26

The original project report/data package is held by Pace Analytical Services. This report/data package is paginated and should be reproduced only in its entirety. Pace Analytical Services holds no responsibility for results and/or data that are not consistent with the original.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 519671 GREAT BARRINGTON, MA**Project Number:** 519671**Lab Number:** L2607983**Report Date:** 02/26/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607983-01	SB-1	SOIL	GREAT BARRINGTON, MA	02/12/26 11:00	02/12/26
L2607983-02	SB-2	SOIL	GREAT BARRINGTON, MA	02/12/26 12:00	02/12/26
L2607983-03	TW-1	WATER	GREAT BARRINGTON, MA	02/12/26 13:00	02/12/26
L2607983-04	TW-2	WATER	GREAT BARRINGTON, MA	02/12/26 14:00	02/12/26

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	YES
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES
A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	NO
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

MCP Related Narratives

Volatile Organics

L2607983-01 through -04: A copy of the continuing calibration standard is included as an addendum to this report.

In reference to question H:

L2607983-03 and -04: Initial Calibration did not meet:

Lowest Calibration Standard Minimum Response Factor: 1,1-dichloroethane (0.2726), cis-1,2-dichloroethene (0.1523)

Average Response Factor: cis-1,2-dichloroethene

In reference to question I:

All samples were analyzed for a subset of MCP analytes per client request.

EPH

In reference to question G:

L2607983-03 and -04: One or more of the target analytes did not achieve the requested CAM reporting limits.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:

Melissa Sturgis Melissa Sturgis

Title: Technical Director/Representative

Date: 02/26/26

QC OUTLIER SUMMARY REPORT

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
--------	-----------------------	--------	-----------	---------	------------------	---------------	--------------------	-------------------------

There are no QC Outliers associated with this report.

ORGANICS

VOLATILES

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-01

Date Collected: 02/12/26 11:00

Client ID: SB-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 141,8260D

Analytical Date: 02/18/26 13:12

Analyst: AJK

Percent Solids: 82%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
1,1-Dichloroethane	ND		ug/kg	1.2	0.18	1
Tetrachloroethene	0.43	J	ug/kg	0.61	0.24	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.31	1
1,1,1-Trichloroethane	ND		ug/kg	0.61	0.20	1
Vinyl chloride	ND		ug/kg	1.2	0.41	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.29	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.17	1
Trichloroethene	ND		ug/kg	0.61	0.17	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.21	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.17	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	104		70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-02

Date Collected: 02/12/26 12:00

Client ID: SB-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 141,8260D

Analytical Date: 02/18/26 13:33

Analyst: AJK

Percent Solids: 88%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics by EPA 5035/8260 Low - Westborough Lab						
1,1-Dichloroethane	ND		ug/kg	1.2	0.17	1
Tetrachloroethene	1.2		ug/kg	0.58	0.23	1
1,2-Dichloroethane	ND		ug/kg	1.2	0.30	1
1,1,1-Trichloroethane	ND		ug/kg	0.58	0.20	1
Vinyl chloride	ND		ug/kg	1.2	0.39	1
1,1-Dichloroethene	ND		ug/kg	1.2	0.28	1
trans-1,2-Dichloroethene	ND		ug/kg	1.8	0.16	1
Trichloroethene	ND		ug/kg	0.58	0.16	1
cis-1,2-Dichloroethene	ND		ug/kg	1.2	0.20	1
1,2-Dichloroethene, Total	ND		ug/kg	1.2	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	102		70-130
Toluene-d8	96		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	103		70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-03

Date Collected: 02/12/26 13:00

Client ID: TW-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 141,8260D

Analytical Date: 02/16/26 09:41

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,1-Dichloroethane	ND		ug/l	1.0	0.21	1
Tetrachloroethene	10		ug/l	1.0	0.18	1
1,2-Dichloroethane	ND		ug/l	1.0	0.13	1
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	1.0	0.17	1
trans-1,2-Dichloroethene	0.46	J	ug/l	1.0	0.16	1
Trichloroethene	7.9		ug/l	1.0	0.18	1
cis-1,2-Dichloroethene	7.3		ug/l	1.0	0.19	1
1,2-Dichloroethene, Total	7.8	J	ug/l	1.0	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	107		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	92		70-130
Dibromofluoromethane	110		70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-04

Date Collected: 02/12/26 14:00

Client ID: TW-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 141,8260D

Analytical Date: 02/16/26 10:07

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,1-Dichloroethane	ND		ug/l	1.0	0.21	1
Tetrachloroethene	0.75	J	ug/l	1.0	0.18	1
1,2-Dichloroethane	ND		ug/l	1.0	0.13	1
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	1.0	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16	1
Trichloroethene	ND		ug/l	1.0	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	98		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	111		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis Batch Quality Control

Analytical Method: 141,8260D
 Analytical Date: 02/16/26 05:16
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics - Westborough Lab for sample(s): 03-04 Batch: WG2176344-5					
1,1-Dichloroethane	ND		ug/l	1.0	0.21
Tetrachloroethene	ND		ug/l	1.0	0.18
1,2-Dichloroethane	ND		ug/l	1.0	0.13
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	1.0	0.17
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16
Trichloroethene	ND		ug/l	1.0	0.18
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	108		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	93		70-130
Dibromofluoromethane	110		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis Batch Quality Control

Analytical Method: 141,8260D
 Analytical Date: 02/18/26 10:45
 Analyst: BAD

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics by EPA 5035/8260 Low - Westborough Lab for sample(s): 01-02 Batch: WG2177365-5					
1,1-Dichloroethane	ND		ug/kg	1.0	0.14
Tetrachloroethene	ND		ug/kg	0.50	0.20
1,2-Dichloroethane	ND		ug/kg	1.0	0.26
1,1,1-Trichloroethane	ND		ug/kg	0.50	0.17
Vinyl chloride	ND		ug/kg	1.0	0.34
1,1-Dichloroethene	ND		ug/kg	1.0	0.24
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.14
Trichloroethene	ND		ug/kg	0.50	0.14
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.18
1,2-Dichloroethene, Total	ND		ug/kg	1.0	0.14

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	95		70-130
4-Bromofluorobenzene	97		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607983

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 03-04 Batch: WG2176344-3 WG2176344-4								
1,1-Dichloroethane	100		100		70-130	0		20
Tetrachloroethene	98		93		70-130	5		20
1,2-Dichloroethane	98		95		70-130	3		20
1,1,1-Trichloroethane	100		98		70-130	2		20
Vinyl chloride	120		110		70-130	9		20
1,1-Dichloroethene	100		97		70-130	3		20
trans-1,2-Dichloroethene	100		98		70-130	2		20
Trichloroethene	97		96		70-130	1		20
cis-1,2-Dichloroethene	97		95		70-130	2		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	104		102		70-130
Toluene-d8	100		99		70-130
4-Bromofluorobenzene	91		91		70-130
Dibromofluoromethane	103		102		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607983

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics by EPA 5035/8260 Low - Westborough Lab Associated sample(s): 01-02 Batch: WG2177365-3 WG2177365-4								
1,1-Dichloroethane	104		107		70-130	3		20
Tetrachloroethene	99		98		70-130	1		20
1,2-Dichloroethane	96		100		70-130	4		20
1,1,1-Trichloroethane	90		89		70-130	1		20
Vinyl chloride	108		104		70-130	4		20
1,1-Dichloroethene	90		94		70-130	4		20
trans-1,2-Dichloroethene	95		100		70-130	5		20
Trichloroethene	97		98		70-130	1		20
cis-1,2-Dichloroethene	97		98		70-130	1		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	88		91		70-130
Toluene-d8	98		97		70-130
4-Bromofluorobenzene	99		99		70-130
Dibromofluoromethane	94		96		70-130

PETROLEUM HYDROCARBONS

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-01

Date Collected: 02/12/26 11:00

Client ID: SB-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: MA VPH

Analytical Method: 131, VPH

Extraction Date: 02/13/26 10:11

Analytical Date: 02/13/26 20:05

Analyst: KDK

Percent Solids: 82%

Quality Control Information

Condition of sample received:

Satisfactory

Sample Temperature upon receipt:

Received on Ice

Were samples received in methanol?

Covering the Soil

Methanol ratio:

3.1:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - East Longmeadow Lab						
C5-C8 Aliphatics, Adjusted	ND	O-02	mg/kg	40	40	1
C9-C12 Aliphatics, Adjusted	ND	O-02	mg/kg	40	40	1
C9-C10 Aromatics	ND	O-02	mg/kg	40	40	1
C5-C8 Aliphatics	ND	O-02	mg/kg	40	40	1
C9-C12 Aliphatics	ND	O-02	mg/kg	40	40	1
Benzene	ND	O-02	mg/kg	0.20	0.040	1
Toluene	ND	O-02	mg/kg	0.20	0.041	1
Ethylbenzene	ND	O-02	mg/kg	0.20	0.062	1
p/m-Xylene	ND	O-02	mg/kg	0.40	0.085	1
o-Xylene	ND	O-02	mg/kg	0.20	0.085	1
Methyl tert butyl ether	ND	O-02	mg/kg	0.20	0.062	1
Naphthalene	ND	O-02	mg/kg	0.99	0.062	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	91	O-02	70-130
2,5-Dibromotoluene-FID	90	O-02	70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-01

Client ID: SB-1

Sample Location: GREAT BARRINGTON, MA

Date Collected: 02/12/26 11:00

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 135,EPH-19-2.1

Analytical Date: 02/13/26 21:24

Analyst: SYR

Percent Solids: 82%

Extraction Method: EPA 3546

Extraction Date: 02/13/26 01:34

Cleanup Method1: EPH-19-2.1

Cleanup Date1: 02/13/26

Quality Control Information

Condition of sample received:

Satisfactory

Sample Temperature upon receipt:

Received on Ice

Sample Extraction method:

Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

C9-C18 Aliphatics	ND		mg/kg	7.99	7.99	1
C19-C36 Aliphatics	22.4		mg/kg	7.99	7.99	1
C11-C22 Aromatics	9.73		mg/kg	7.99	7.99	1
C11-C22 Aromatics, Adjusted	9.73		mg/kg	7.99	7.99	1
Naphthalene	ND		mg/kg	0.400	0.400	1
2-Methylnaphthalene	ND		mg/kg	0.400	0.400	1
Acenaphthylene	ND		mg/kg	0.400	0.400	1
Acenaphthene	ND		mg/kg	0.400	0.400	1
Fluorene	ND		mg/kg	0.400	0.400	1
Phenanthrene	ND		mg/kg	0.400	0.400	1
Anthracene	ND		mg/kg	0.400	0.400	1
Fluoranthene	ND		mg/kg	0.400	0.400	1
Pyrene	ND		mg/kg	0.400	0.400	1
Benzo(a)anthracene	ND		mg/kg	0.400	0.400	1
Chrysene	ND		mg/kg	0.400	0.400	1
Benzo(b)fluoranthene	ND		mg/kg	0.400	0.400	1
Benzo(k)fluoranthene	ND		mg/kg	0.400	0.400	1
Benzo(a)pyrene	ND		mg/kg	0.400	0.400	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.400	0.400	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.400	0.400	1
Benzo(ghi)perylene	ND		mg/kg	0.400	0.400	1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-01

Date Collected: 02/12/26 11:00

Client ID: SB-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	64		40-140
o-Terphenyl	60		40-140
2-Fluorobiphenyl	62		40-140
2-Bromonaphthalene	64		40-140

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-02

Date Collected: 02/12/26 12:00

Client ID: SB-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Extraction Method: MA VPH

Analytical Method: 131, VPH

Extraction Date: 02/13/26 10:11

Analytical Date: 02/13/26 20:35

Analyst: KDK

Percent Solids: 88%

Quality Control Information

Condition of sample received:

Satisfactory

Sample Temperature upon receipt:

Received on Ice

Were samples received in methanol?

Covering the Soil

Methanol ratio:

2.7:1

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - East Longmeadow Lab						
C5-C8 Aliphatics, Adjusted	ND	O-02	mg/kg	32	32	1
C9-C12 Aliphatics, Adjusted	ND	O-02	mg/kg	32	32	1
C9-C10 Aromatics	ND	O-02	mg/kg	32	32	1
C5-C8 Aliphatics	ND	O-02	mg/kg	32	32	1
C9-C12 Aliphatics	ND	O-02	mg/kg	32	32	1
Benzene	ND	O-02	mg/kg	0.16	0.033	1
Toluene	ND	O-02	mg/kg	0.16	0.033	1
Ethylbenzene	ND	O-02	mg/kg	0.16	0.050	1
p/m-Xylene	ND	O-02	mg/kg	0.32	0.069	1
o-Xylene	ND	O-02	mg/kg	0.16	0.068	1
Methyl tert butyl ether	ND	O-02	mg/kg	0.16	0.050	1
Naphthalene	ND	O-02	mg/kg	0.80	0.050	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	87	O-02	70-130
2,5-Dibromotoluene-FID	87	O-02	70-130



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-02

Client ID: SB-2

Sample Location: GREAT BARRINGTON, MA

Date Collected: 02/12/26 12:00

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Analytical Method: 135,EPH-19-2.1

Analytical Date: 02/13/26 21:49

Analyst: SYR

Percent Solids: 88%

Extraction Method: EPA 3546

Extraction Date: 02/13/26 01:34

Cleanup Method1: EPH-19-2.1

Cleanup Date1: 02/13/26

Quality Control Information

Condition of sample received:

Satisfactory

Sample Temperature upon receipt:

Received on Ice

Sample Extraction method:

Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

C9-C18 Aliphatics	ND		mg/kg	7.40	7.40	1
C19-C36 Aliphatics	ND		mg/kg	7.40	7.40	1
C11-C22 Aromatics	ND		mg/kg	7.40	7.40	1
C11-C22 Aromatics, Adjusted	ND		mg/kg	7.40	7.40	1
Naphthalene	ND		mg/kg	0.370	0.370	1
2-Methylnaphthalene	ND		mg/kg	0.370	0.370	1
Acenaphthylene	ND		mg/kg	0.370	0.370	1
Acenaphthene	ND		mg/kg	0.370	0.370	1
Fluorene	ND		mg/kg	0.370	0.370	1
Phenanthrene	ND		mg/kg	0.370	0.370	1
Anthracene	ND		mg/kg	0.370	0.370	1
Fluoranthene	ND		mg/kg	0.370	0.370	1
Pyrene	ND		mg/kg	0.370	0.370	1
Benzo(a)anthracene	ND		mg/kg	0.370	0.370	1
Chrysene	ND		mg/kg	0.370	0.370	1
Benzo(b)fluoranthene	ND		mg/kg	0.370	0.370	1
Benzo(k)fluoranthene	ND		mg/kg	0.370	0.370	1
Benzo(a)pyrene	ND		mg/kg	0.370	0.370	1
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.370	0.370	1
Dibenzo(a,h)anthracene	ND		mg/kg	0.370	0.370	1
Benzo(ghi)perylene	ND		mg/kg	0.370	0.370	1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-02

Date Collected: 02/12/26 12:00

Client ID: SB-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	61		40-140
2-Fluorobiphenyl	67		40-140
2-Bromonaphthalene	71		40-140

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-03

Date Collected: 02/12/26 13:00

Client ID: TW-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: MA VPH

Analytical Method: 131, VPH

Extraction Date: 02/13/26 06:45

Analytical Date: 02/13/26 16:10

Analyst: KDK

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - East Longmeadow Lab

C5-C8 Aliphatics, Adjusted	ND		ug/l	100	100	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	100	1
C9-C10 Aromatics	ND		ug/l	100	100	1
C5-C8 Aliphatics	ND		ug/l	100	100	1
C9-C12 Aliphatics	ND		ug/l	100	100	1
Benzene	ND		ug/l	1.0	0.18	1
Toluene	ND		ug/l	1.0	0.25	1
Ethylbenzene	ND		ug/l	1.0	0.22	1
p/m-Xylene	ND		ug/l	2.0	0.48	1
o-Xylene	ND		ug/l	1.0	0.25	1
Methyl tert butyl ether	ND		ug/l	1.0	0.24	1
Naphthalene	ND		ug/l	5.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	96		70-130
2,5-Dibromotoluene-FID	98		70-130



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-03

Client ID: TW-1

Sample Location: GREAT BARRINGTON, MA

Date Collected: 02/12/26 13:00

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 135,EPH-19-2.1

Analytical Date: 02/19/26 09:40

Analyst: CRE

Extraction Method: EPA 3510C

Extraction Date: 02/18/26 08:37

Cleanup Method1: EPH-19-2.1

Cleanup Date1: 02/18/26

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Sample Extraction method:

Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	10.0	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	10.0	1
Acenaphthylene	ND		ug/l	10.0	10.0	1
Acenaphthene	ND		ug/l	10.0	10.0	1
Fluorene	ND		ug/l	10.0	10.0	1
Phenanthrene	ND		ug/l	10.0	10.0	1
Anthracene	ND		ug/l	10.0	10.0	1
Fluoranthene	ND		ug/l	10.0	10.0	1
Pyrene	ND		ug/l	10.0	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	10.0	1
Chrysene	ND		ug/l	10.0	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	10.0	1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-03

Date Collected: 02/12/26 13:00

Client ID: TW-1

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	42		40-140
o-Terphenyl	57		40-140
2-Fluorobiphenyl	65		40-140
2-Bromonaphthalene	67		40-140

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-04

Date Collected: 02/12/26 14:00

Client ID: TW-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: MA VPH

Analytical Method: 131, VPH

Extraction Date: 02/13/26 06:45

Analytical Date: 02/13/26 15:40

Analyst: KDK

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Petroleum Hydrocarbons - East Longmeadow Lab						
C5-C8 Aliphatics, Adjusted	ND		ug/l	100	100	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	100	1
C9-C10 Aromatics	ND		ug/l	100	100	1
C5-C8 Aliphatics	ND		ug/l	100	100	1
C9-C12 Aliphatics	ND		ug/l	100	100	1
Benzene	ND		ug/l	1.0	0.18	1
Toluene	ND		ug/l	1.0	0.25	1
Ethylbenzene	ND		ug/l	1.0	0.22	1
p/m-Xylene	ND		ug/l	2.0	0.48	1
o-Xylene	ND		ug/l	1.0	0.25	1
Methyl tert butyl ether	ND		ug/l	1.0	0.24	1
Naphthalene	ND		ug/l	5.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	98		70-130
2,5-Dibromotoluene-FID	99		70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-04

Client ID: TW-2

Sample Location: GREAT BARRINGTON, MA

Date Collected: 02/12/26 14:00

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 135,EPH-19-2.1

Analytical Date: 02/19/26 10:15

Analyst: CRE

Extraction Method: EPA 3510C

Extraction Date: 02/18/26 08:37

Cleanup Method1: EPH-19-2.1

Cleanup Date1: 02/18/26

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Sample Extraction method:

Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	10.0	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	10.0	1
Acenaphthylene	ND		ug/l	10.0	10.0	1
Acenaphthene	ND		ug/l	10.0	10.0	1
Fluorene	ND		ug/l	10.0	10.0	1
Phenanthrene	ND		ug/l	10.0	10.0	1
Anthracene	ND		ug/l	10.0	10.0	1
Fluoranthene	ND		ug/l	10.0	10.0	1
Pyrene	ND		ug/l	10.0	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	10.0	1
Chrysene	ND		ug/l	10.0	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	10.0	1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**SAMPLE RESULTS**

Lab ID: L2607983-04

Date Collected: 02/12/26 14:00

Client ID: TW-2

Date Received: 02/12/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	40		40-140
o-Terphenyl	58		40-140
2-Fluorobiphenyl	64		40-140
2-Bromonaphthalene	66		40-140

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 02/13/26 18:31
Analyst: SYR

Extraction Method: EPA 3546
Extraction Date: 02/13/26 01:34
Cleanup Method: EPH-19-2.1
Cleanup Date: 02/13/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG2175284-1					
C9-C18 Aliphatics	ND		mg/kg	6.33	6.33
C19-C36 Aliphatics	ND		mg/kg	6.33	6.33
C11-C22 Aromatics	ND		mg/kg	6.33	6.33
C11-C22 Aromatics, Adjusted	ND		mg/kg	6.33	6.33
Naphthalene	ND		mg/kg	0.317	0.317
2-Methylnaphthalene	ND		mg/kg	0.317	0.317
Acenaphthylene	ND		mg/kg	0.317	0.317
Acenaphthene	ND		mg/kg	0.317	0.317
Fluorene	ND		mg/kg	0.317	0.317
Phenanthrene	ND		mg/kg	0.317	0.317
Anthracene	ND		mg/kg	0.317	0.317
Fluoranthene	ND		mg/kg	0.317	0.317
Pyrene	ND		mg/kg	0.317	0.317
Benzo(a)anthracene	ND		mg/kg	0.317	0.317
Chrysene	ND		mg/kg	0.317	0.317
Benzo(b)fluoranthene	ND		mg/kg	0.317	0.317
Benzo(k)fluoranthene	ND		mg/kg	0.317	0.317
Benzo(a)pyrene	ND		mg/kg	0.317	0.317
Indeno(1,2,3-cd)Pyrene	ND		mg/kg	0.317	0.317
Dibenzo(a,h)anthracene	ND		mg/kg	0.317	0.317
Benzo(ghi)perylene	ND		mg/kg	0.317	0.317

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
 Analytical Date: 02/13/26 18:31
 Analyst: SYR

Extraction Method: EPA 3546
 Extraction Date: 02/13/26 01:34
 Cleanup Method: EPH-19-2.1
 Cleanup Date: 02/13/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01-02 Batch: WG2175284-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	60		40-140
o-Terphenyl	62		40-140
2-Fluorobiphenyl	68		40-140
2-Bromonaphthalene	71		40-140

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 131, VPH
Analytical Date: 02/13/26 12:44
Analyst: KDK

Extraction Method: MA VPH
Extraction Date: 02/13/26 10:11

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - East Longmeadow Lab for sample(s): 01-02 Batch: WG2176488-1					
C5-C8 Aliphatics, Adjusted	ND		mg/kg	10	10
C9-C12 Aliphatics, Adjusted	ND		mg/kg	10	10
C9-C10 Aromatics	ND		mg/kg	10	10
C5-C8 Aliphatics	ND		mg/kg	10	10
C9-C12 Aliphatics	ND		mg/kg	10	10
Benzene	ND		mg/kg	0.050	0.010
Toluene	ND		mg/kg	0.050	0.010
Ethylbenzene	ND		mg/kg	0.050	0.016
p/m-Xylene	ND		mg/kg	0.10	0.021
o-Xylene	ND		mg/kg	0.050	0.021
Methyl tert butyl ether	ND		mg/kg	0.050	0.016
Naphthalene	ND		mg/kg	0.25	0.016

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	97		70-130
2,5-Dibromotoluene-FID	99		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis Batch Quality Control

Analytical Method: 131, VPH
Analytical Date: 02/13/26 13:13
Analyst: KDK

Extraction Method: MA VPH
Extraction Date: 02/13/26 06:45

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - East Longmeadow Lab for sample(s): 03-04 Batch: WG2176489-1					
C5-C8 Aliphatics, Adjusted	ND		ug/l	100	100
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	100
C9-C10 Aromatics	ND		ug/l	100	100
C5-C8 Aliphatics	ND		ug/l	100	100
C9-C12 Aliphatics	ND		ug/l	100	100
Benzene	ND		ug/l	1.0	0.18
Toluene	ND		ug/l	1.0	0.25
Ethylbenzene	ND		ug/l	1.0	0.22
p/m-Xylene	ND		ug/l	2.0	0.48
o-Xylene	ND		ug/l	1.0	0.25
Methyl tert butyl ether	ND		ug/l	1.0	0.24
Naphthalene	ND		ug/l	5.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	95		70-130
2,5-Dibromotoluene-FID	96		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis Batch Quality Control

Analytical Method: 135,EPH-19-2.1
 Analytical Date: 02/18/26 20:59
 Analyst: CRE

Extraction Method: EPA 3510C
 Extraction Date: 02/18/26 01:46
 Cleanup Method: EPH-19-2.1
 Cleanup Date: 02/18/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 03-04 Batch: WG2176713-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.
Naphthalene	ND		ug/l	10.0	10.0
2-Methylnaphthalene	ND		ug/l	10.0	10.0
Acenaphthylene	ND		ug/l	10.0	10.0
Acenaphthene	ND		ug/l	10.0	10.0
Fluorene	ND		ug/l	10.0	10.0
Phenanthrene	ND		ug/l	10.0	10.0
Anthracene	ND		ug/l	10.0	10.0
Fluoranthene	ND		ug/l	10.0	10.0
Pyrene	ND		ug/l	10.0	10.0
Benzo(a)anthracene	ND		ug/l	10.0	10.0
Chrysene	ND		ug/l	10.0	10.0
Benzo(b)fluoranthene	ND		ug/l	10.0	10.0
Benzo(k)fluoranthene	ND		ug/l	10.0	10.0
Benzo(a)pyrene	ND		ug/l	10.0	10.0
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	10.0
Dibenzo(a,h)anthracene	ND		ug/l	10.0	10.0
Benzo(ghi)perylene	ND		ug/l	10.0	10.0

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607983
Report Date: 02/26/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
 Analytical Date: 02/18/26 20:59
 Analyst: CRE

Extraction Method: EPA 3510C
 Extraction Date: 02/18/26 01:46
 Cleanup Method: EPH-19-2.1
 Cleanup Date: 02/18/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 03-04 Batch: WG2176713-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	56		40-140
o-Terphenyl	61		40-140
2-Fluorobiphenyl	66		40-140
2-Bromonaphthalene	68		40-140

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607983

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG2175284-2 WG2175284-3								
C9-C18 Aliphatics	57		59		40-140	3		25
C19-C36 Aliphatics	72		73		40-140	1		25
C11-C22 Aromatics	67		66		40-140	2		25
Naphthalene	56		57		40-140	2		25
2-Methylnaphthalene	58		58		40-140	0		25
Acenaphthylene	70		70		40-140	0		25
Acenaphthene	64		63		40-140	2		25
Fluorene	64		63		40-140	2		25
Phenanthrene	65		64		40-140	2		25
Anthracene	72		70		40-140	3		25
Fluoranthene	68		66		40-140	3		25
Pyrene	66		65		40-140	2		25
Benzo(a)anthracene	66		64		40-140	3		25
Chrysene	64		62		40-140	3		25
Benzo(b)fluoranthene	62		61		40-140	2		25
Benzo(k)fluoranthene	64		62		40-140	3		25
Benzo(a)pyrene	92		90		40-140	2		25
Indeno(1,2,3-cd)Pyrene	59		58		40-140	2		25
Dibenzo(a,h)anthracene	62		60		40-140	3		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01-02 Batch: WG2175284-2 WG2175284-3								
Benzo(ghi)perylene	60		58		40-140	3		25

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	63		64		40-140
o-Terphenyl	65		64		40-140
2-Fluorobiphenyl	68		68		40-140
2-Bromonaphthalene	72		71		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 01-02 Batch: WG2176488-2 WG2176488-3								
C9-C10 Aromatics	96		101		70-130	4.52		25
C5-C8 Aliphatics	96		98		70-130	2.24		25
C9-C12 Aliphatics	108		110		70-130	1.65		25
Benzene	91		97		70-130	6.32		25
Toluene	90		96		70-130	6.62		25
Ethylbenzene	97		101		70-130	4.45		25
p/m-Xylene	91		96		70-130	4.94		25
o-Xylene	93		98		70-130	5.44		25
Methyl tert butyl ether	84		84		70-130	0.369		25
Naphthalene	94		94		70-130	0.508		25
1,2,4-Trimethylbenzene	96		101		70-130	4.52		25
Pentane	85		88		70-130	3.55		25
2-Methylpentane	102		104		70-130	2.01		25
2,2,4-Trimethylpentane	101		102		70-130	1.35		25
Nonane (C9)	115		116		30-130	0.256		25
Decane (C10)	98		101		70-130	3.36		25
n-Butylcyclohexane	110		112		70-130	1.57		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 01-02 Batch: WG2176488-2 WG2176488-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	98		100		70-130
2,5-Dibromotoluene-FID	98		100		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 03-04 Batch: WG2176489-2 WG2176489-3								
C9-C10 Aromatics	90		90		70-130	0.746		25
C5-C8 Aliphatics	104		99		70-130	5.09		25
C9-C12 Aliphatics	115		108		70-130	6.43		25
Benzene	87		90		70-130	3.97		25
Toluene	85		88		70-130	3.17		25
Ethylbenzene	91		92		70-130	1.30		25
p/m-Xylene	86		87		70-130	1.55		25
o-Xylene	88		90		70-130	3.14		25
Methyl tert butyl ether	83		88		70-130	5.11		25
Naphthalene	88		89		70-130	0.830		25
1,2,4-Trimethylbenzene	90		90		70-130	0.746		25
Pentane	99		99		70-130	0.0242		25
2-Methylpentane	109		103		70-130	6.10		25
2,2,4-Trimethylpentane	104		95		70-130	9.08		25
Nonane (C9)	121		114		30-130	6.46		25
Decane (C10)	109		99		70-130	9.09		25
n-Butylcyclohexane	115		110		70-130	3.95		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 03-04 Batch: WG2176489-2 WG2176489-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	101		102		70-130
2,5-Dibromotoluene-FID	102		104		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607983

Project Number: 519671

Report Date: 02/26/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 03-04 Batch: WG2176713-2 WG2176713-3								
C9-C18 Aliphatics	55		55		40-140	0		20
C19-C36 Aliphatics	71		73		40-140	3		20
C11-C22 Aromatics	64		70		40-140	9		20
Naphthalene	54		54		40-140	0		20
2-Methylnaphthalene	57		57		40-140	0		20
Acenaphthylene	65		68		40-140	5		20
Acenaphthene	60		62		40-140	3		20
Fluorene	60		63		40-140	5		20
Phenanthrene	60		64		40-140	6		20
Anthracene	63		68		40-140	8		20
Fluoranthene	63		69		40-140	9		20
Pyrene	62		68		40-140	9		20
Benzo(a)anthracene	62		69		40-140	11		20
Chrysene	61		68		40-140	11		20
Benzo(b)fluoranthene	59		66		40-140	11		20
Benzo(k)fluoranthene	61		68		40-140	11		20
Benzo(a)pyrene	87		96		40-140	10		20
Indeno(1,2,3-cd)Pyrene	61		67		40-140	9		20
Dibenzo(a,h)anthracene	62		68		40-140	9		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 03-04 Batch: WG2176713-2 WG2176713-3								
Benzo(ghi)perylene	64		69		40-140	8		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	60		62		40-140
o-Terphenyl	61		66		40-140
2-Fluorobiphenyl	63		66		40-140
2-Bromonaphthalene	67		70		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

INORGANICS & MISCELLANEOUS

Project Name: 519671 GREAT BARRINGTON, MA**Project Number:** 519671**Lab Number:** L2607983**Report Date:** 02/26/26**SAMPLE RESULTS****Lab ID:** L2607983-01**Client ID:** SB-1**Sample Location:** GREAT BARRINGTON, MA**Date Collected:** 02/12/26 11:00**Date Received:** 02/12/26**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.2		%	0.100	NA	1	-	02/12/26 23:58	121,2540G	JMN



Project Name: 519671 GREAT BARRINGTON, MA**Project Number:** 519671**Lab Number:** L2607983**Report Date:** 02/26/26**SAMPLE RESULTS****Lab ID:** L2607983-02**Client ID:** SB-2**Sample Location:** GREAT BARRINGTON, MA**Date Collected:** 02/12/26 12:00**Date Received:** 02/12/26**Field Prep:** Not Specified**Sample Depth:****Matrix:** Soil

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	02/12/26 23:58	121,2540G	JMN



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607983-01A	Vial MeOH preserved	NA	NA			Y	Absent		MCP-8260HLW-C9-21(14)
L2607983-01A1	Vial MeOH preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(28)
L2607983-01B	Vial water preserved	NA	NA			Y	Absent	12-FEB-26 21:25	MCP-8260HLW-C9-21(14)
L2607983-01C	Vial water preserved	NA	NA			Y	Absent	12-FEB-26 21:25	MCP-8260HLW-C9-21(14)
L2607983-01D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2607983-01E	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		EPH-DELUX-20(14)
L2607983-02A	Vial MeOH preserved	NA	NA			Y	Absent		MCP-8260HLW-C9-21(14)
L2607983-02A1	Vial MeOH preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(28)
L2607983-02B	Vial water preserved	NA	NA			Y	Absent	12-FEB-26 21:25	MCP-8260HLW-C9-21(14)
L2607983-02C	Vial water preserved	NA	NA			Y	Absent	12-FEB-26 21:25	MCP-8260HLW-C9-21(14)
L2607983-02D	Plastic 2oz unpreserved for TS	NA	NA			Y	Absent		TS(7)
L2607983-02E	Glass 120ml/4oz unpreserved	NA	NA			Y	Absent		EPH-DELUX-20(14)
L2607983-03A	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-03B	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-03C	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-03D	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)
L2607983-03E	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)
L2607983-03F	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)
L2607983-03G	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)
L2607983-04A	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-04B	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-04C	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2607983-04D	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607983**Project Number:** 519671**Report Date:** 02/26/26**Container Information**

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607983-04E	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)
L2607983-04F	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)
L2607983-04G	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)

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GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

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Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- O-02** - Soil/methanol ratio does not meet method specifications. Insufficient amount of soil. Data validation is not affected since a sufficient amount of preservative is present. Detection limits may be above useful levels.

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REFERENCES

- 121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.
- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.
- 141 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA and IIB, November 2021.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: **NPW:** Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: **NPW:** Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

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PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg. **EPA 522, EPA 537.1.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECI: NO₃, SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0: Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

Method Blank Summary Form 4 Volatiles

Client	: AEI Consultants	Lab Number	: L2607983
Project Name	: 519671 GREAT BARRINGTON, MA	Project Number	: 519671
Lab Sample ID	: WG2176344-5	Lab File ID	: V133260216A05
Instrument ID	: VOA133		
Matrix	: WATER	Analysis Date	: 02/16/26 05:16

Client Sample No.	Lab Sample ID	Analysis Date
WG2176344-3LCS	WG2176344-3	02/16/26 03:30
WG2176344-4LCSD	WG2176344-4	02/16/26 03:57
TW-1	L2607983-03	02/16/26 09:41
TW-2	L2607983-04	02/16/26 10:07

Method Blank Summary Form 4 Volatiles

Client	: AEI Consultants	Lab Number	: L2607983
Project Name	: 519671 GREAT BARRINGTON, MA	Project Number	: 519671
Lab Sample ID	: WG2177365-5	Lab File ID	: V27260218A05
Instrument ID	: VOA127		
Matrix	: SOIL	Analysis Date	: 02/18/26 10:45

Client Sample No.	Lab Sample ID	Analysis Date
WG2177365-3LCS	WG2177365-3	02/18/26 09:23
WG2177365-4LCSD	WG2177365-4	02/18/26 09:43
SB-1	L2607983-01	02/18/26 13:12
SB-2	L2607983-02	02/18/26 13:33

Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : VOA133
 Lab File ID : V133260216A01
 Sample No : WG2176344-2
 Channel :

Lab Number : L2607983
 Project Number : 519671
 Calibration Date : 02/16/26 03:30
 Init. Calib. Date(s) : 12/04/25 12/04/25
 Init. Calib. Times : 04:26 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	70	-.01
Dichlorodifluoromethane	0.359	0.396	-	-10.3	20	79	-.01
Chloromethane	0.482	0.56	-	-16.2	20	80	0
Vinyl chloride	0.36	0.425	-	-18.1	20	84	-.01
Bromomethane	0.154	0.143	-	7.1	20	68	-.01
Chloroethane	0.185	0.239	-	-29.2*	20	91	0
Trichlorofluoromethane	0.405	0.44	-	-8.6	20	77	-.01
Ethyl ether	0.155	0.148	-	4.5	20	68	-.01
1,1-Dichloroethene	0.243	0.246	-	-1.2	20	71	-.01
Carbon disulfide	0.76	0.825	-	-8.6	20	75	0
Freon-113	0.245	0.264	-	-7.8	20	76	-.01
Methylene chloride	0.278	0.284	-	-2.2	20	73	-.01
Acetone	0.096	0.113	-	-17.7	20	83	-.01
trans-1,2-Dichloroethene	0.264	0.266	-	-0.8	20	71	-.01
Methyl acetate	0.222	0.275	-	-23.9*	20	88	-.01
Methyl tert-butyl ether	0.763	0.642	-	15.9	20	59	0
tert-Butyl alcohol	0.036	0.035	-	2.8	20	73	-.01
Diisopropyl ether	1.13	1.156	-	-2.3	20	71	-.01
1,1-Dichloroethane	0.604	0.638	-	-5.6	20	73	-.01
Halothane	0.205	0.2	-	2.4	20	69	-.01
Acrylonitrile	0.123	0.131	-	-6.5	20	73	-.01
Ethyl tert-butyl ether	1.044	0.965	-	7.6	20	65	0
Vinyl acetate	0.782	0.842	-	-7.7	20	76	-.01
cis-1,2-Dichloroethene	0.296	0.286	-	3.4	20	68	-.01
2,2-Dichloropropane	0.428	0.449	-	-4.9	20	75	-.01
Bromochloromethane	0.125	0.13	-	-4	20	69	-.01
Cyclohexane	0.662	0.66	-	0.3	20	70	-.01
Chloroform	0.49	0.504	-	-2.9	20	72	-.01
Ethyl acetate	0.325	0.361	-	-11.1	20	79	-.01
Carbon tetrachloride	0.401	0.405	-	-1	20	72	0
Tetrahydrofuran	0.124	0.133	-	-7.3	20	77	-.01
Dibromofluoromethane	0.261	0.27	-	-3.4	20	72	-.01
1,1,1-Trichloroethane	0.431	0.437	-	-1.4	20	71	-.01
2-Butanone	0.141	0.158	-	-12.1	20	83	-.01
1,1-Dichloropropene	0.377	0.366	-	2.9	20	70	-.01
Benzene	1.066	1.081	-	-1.4	20	71	-.01
tert-Amyl methyl ether	0.727	0.661	-	9.1	20	66	-.01
1,2-Dichloroethane-d4	0.355	0.37	-	-4.2	20	73	-.01
1,2-Dichloroethane	0.434	0.424	-	2.3	20	69	-.01
Methyl cyclohexane	0.458	0.413	-	9.8	20	64	-.01
Trichloroethene	0.284	0.277	-	2.5	20	68	-.01
Dibromomethane	0.13	0.126	-	3.1	20	68	0
1,2-Dichloropropane	0.267	0.258	-	3.4	20	69	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : VOA133
 Lab File ID : V133260216A01
 Sample No : WG2176344-2
 Channel :

Lab Number : L2607983
 Project Number : 519671
 Calibration Date : 02/16/26 03:30
 Init. Calib. Date(s) : 12/04/25 12/04/25
 Init. Calib. Times : 04:26 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
2-Chloroethyl vinyl ether	0.149	0.126	-	15.4	20	62	0
Bromodichloromethane	0.299	0.288*	-	3.7	20	70	-.01
1,4-Dioxane	0.00194	0.00156*	-	19.6	20	53	-.01
cis-1,3-Dichloropropene	0.352	0.336	-	4.5	20	68	0
Chlorobenzene-d5	1	1	-	0	20	69	0
Toluene-d8	1.291	1.293	-	-0.2	20	68	-.01
Toluene	0.887	0.843	-	5	20	66	0
4-Methyl-2-pentanone	0.157	0.144	-	8.3	20	64	0
Tetrachloroethene	0.366	0.357	-	2.5	20	67	-.01
trans-1,3-Dichloropropene	0.511	0.53	-	-3.7	20	70	0
Ethyl methacrylate	0.416	0.347	-	16.6	20	57	-.01
1,1,2-Trichloroethane	0.255	0.266	-	-4.3	20	72	0
Chlorodibromomethane	0.359	0.356	-	0.8	20	70	-.01
1,3-Dichloropropane	0.536	0.547	-	-2.1	20	70	-.01
1,2-Dibromoethane	0.278	0.252	-	9.4	20	64	0
2-Hexanone	0.264	0.263	-	0.4	20	71	-.02
Chlorobenzene	0.968	0.924	-	4.5	20	65	-.01
Ethylbenzene	1.695	1.616	-	4.7	20	66	-.01
1,1,1,2-Tetrachloroethane	0.339	0.344	-	-1.5	20	70	0
p/m Xylene	0.652	0.63	-	3.4	20	66	0
o Xylene	0.637	0.607	-	4.7	20	64	-.01
Styrene	1.021	0.995	-	2.5	20	65	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	72	0
Bromoform	0.437	0.431	-	1.4	20	72	0
Isopropylbenzene	3.215	2.853	-	11.3	20	64	0
4-Bromofluorobenzene	1.03	0.933	-	9.4	20	66	0
Bromobenzene	0.749	0.683	-	8.8	20	67	0
n-Propylbenzene	3.797	3.572	-	5.9	20	68	0
1,4-Dichlorobutane	1.416	1.375	-	2.9	20	70	0
1,1,2,2-Tetrachloroethane	0.789	0.817	-	-3.5	20	76	-.01
4-Ethyltoluene	3.128	2.839	-	9.2	20	64	0
2-Chlorotoluene	2.604	2.502	-	3.9	20	68	0
1,3,5-Trimethylbenzene	2.632	2.499	-	5.1	20	68	0
1,2,3-Trichloropropane	0.632	0.667	-	-5.5	20	78	-.01
trans-1,4-Dichloro-2-buten	0.302	0.322	-	-6.6	20	79	0
4-Chlorotoluene	2.402	2.24	-	6.7	20	67	-.01
tert-Butylbenzene	2.213	2.002	-	9.5	20	65	0
1,2,4-Trimethylbenzene	2.616	2.438	-	6.8	20	67	0
sec-Butylbenzene	3.267	3.048	-	6.7	20	68	0
p-Isopropyltoluene	2.776	2.557	-	7.9	20	65	0
1,3-Dichlorobenzene	1.418	1.412	-	0.4	20	72	0
1,4-Dichlorobenzene	1.451	1.392	-	4.1	20	70	-.01
p-Diethylbenzene	1.657	1.466	-	11.5	20	64	0

* Value outside of QC limits.

Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
Project Name : 519671 GREAT BARRINGTON, MA
Instrument ID : VOA133
Lab File ID : V133260216A01
Sample No : WG2176344-2
Channel :

Lab Number : L2607983
Project Number : 519671
Calibration Date : 02/16/26 03:30
Init. Calib. Date(s) : 12/04/25 12/04/25
Init. Calib. Times : 04:26 07:31

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.531	2.493	-	1.5	20	71	0
1,2-Dichlorobenzene	1.32	1.301	-	1.4	20	70	-.01
1,2,4,5-Tetramethylbenzene	2.336	1.766	-	24.4*	20	57	-.01
1,2-Dibromo-3-chloropropan	0.137	0.13	-	5.1	20	72	-.01
1,3,5-Trichlorobenzene	0.96	0.866	-	9.8	20	64	-.01
Hexachlorobutadiene	0.34	0.307	-	9.7	20	67	0
1,2,4-Trichlorobenzene	0.826	0.726	-	12.1	20	63	-.01
Naphthalene	2.111	1.842	-	12.7	20	65	-.01
1,2,3-Trichlorobenzene	0.758	0.687	-	9.4	20	67	-.01

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : VOA127
 Lab File ID : V27260218A01
 Sample No : WG2177365-2
 Channel :

Lab Number : L2607983
 Project Number : 519671
 Calibration Date : 02/18/26 09:23
 Init. Calib. Date(s) : 01/08/26 01/08/26
 Init. Calib. Times : 17:22 21:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	94	0
Dichlorodifluoromethane	0.29	0.247	-	14.8	20	83	0
Chloromethane	0.285	0.299	-	-4.9	20	99	0
Vinyl chloride	0.258	0.279	-	-8.1	20	98	0
Bromomethane	40	41.602	-	-4	20	99	0
Chloroethane	0.154	0.177	-	-14.9	20	105	0
Trichlorofluoromethane	0.335	0.321	-	4.2	20	87	0
Ethyl ether	0.134	0.122	-	9	20	84	0
1,1-Dichloroethene	0.21	0.19	-	9.5	20	85	0
Carbon disulfide	0.704	0.696	-	1.1	20	91	0
Freon-113	0.207	0.184	-	11.1	20	81	0
Acrolein	0.019	0.015	-	21.1*	20	70	-.01
Methylene chloride	0.252	0.231	-	8.3	20	89	0
Acetone	0.073	0.055	-	24.7*	20	73	0
trans-1,2-Dichloroethene	0.231	0.219	-	5.2	20	88	0
Methyl acetate	0.142	0.124	-	12.7	20	79	0
Methyl tert-butyl ether	0.699	0.599	-	14.3	20	77	0
tert-Butyl alcohol	0.031	0.021	-	32.3*	20	57	0
Diisopropyl ether	0.744	0.794	-	-6.7	20	94	0
1,1-Dichloroethane	0.429	0.446	-	-4	20	96	0
Halothane	0.186	0.181	-	2.7	20	90	-.01
Acrylonitrile	0.081	0.07	-	13.6	20	82	-.01
Ethyl tert-butyl ether	0.757	0.758	-	-0.1	20	86	0
Vinyl acetate	0.577	0.516	-	10.6	20	80	0
cis-1,2-Dichloroethene	0.273	0.265	-	2.9	20	92	-.01
2,2-Dichloropropane	0.379	0.354	-	6.6	20	90	-.01
Bromochloromethane	0.129	0.127	-	1.6	20	88	-.01
Cyclohexane	0.412	0.407	-	1.2	20	91	0
Chloroform	0.467	0.437	-	6.4	20	92	0
Ethyl acetate	0.208	0.19	-	8.7	20	76	-.01
Carbon tetrachloride	0.344	0.309	-	10.2	20	82	-.01
Tetrahydrofuran	0.066	0.05	-	24.2*	20	68	0
Dibromofluoromethane	0.262	0.248	-	5.3	20	90	0
1,1,1-Trichloroethane	0.403	0.363	-	9.9	20	87	-.01
2-Butanone	0.093	0.081	-	12.9	20	77	-.01
1,1-Dichloropropene	0.307	0.312	-	-1.6	20	92	-.01
Benzene	0.915	0.968	-	-5.8	20	96	-.01
tert-Amyl methyl ether	0.687	0.614	-	10.6	20	78	0
1,2-Dichloroethane-d4	0.291	0.256	-	12	20	85	0
1,2-Dichloroethane	0.325	0.314	-	3.4	20	85	-.01
Methyl cyclohexane	0.43	0.386	-	10.2	20	84	-.01
Trichloroethene	0.273	0.265	-	2.9	20	94	-.01
Dibromomethane	0.152	0.142	-	6.6	20	84	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : VOA127
 Lab File ID : V27260218A01
 Sample No : WG2177365-2
 Channel :

Lab Number : L2607983
 Project Number : 519671
 Calibration Date : 02/18/26 09:23
 Init. Calib. Date(s) : 01/08/26 01/08/26
 Init. Calib. Times : 17:22 21:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.242	0.261	-	-7.9	20	94	-.01
Bromodichloromethane	0.362	0.328	-	9.4	20	83	0
1,4-Dioxane	0.00216	0.00181*	-	16.2	20	74	0
cis-1,3-Dichloropropene	0.386	0.388	-	-0.5	20	85	0
Chlorobenzene-d5	1	1	-	0	20	94	0
Toluene-d8	1.303	1.274	-	2.2	20	92	0
Toluene	0.778	0.806	-	-3.6	20	92	0
4-Methyl-2-pentanone	0.111	0.091	-	18	20	67	0
Tetrachloroethene	0.352	0.349	-	0.9	20	89	0
trans-1,3-Dichloropropene	0.458	0.438	-	4.4	20	80	0
Ethyl methacrylate	0.398	0.317	-	20.4*	20	68	0
1,1,2-Trichloroethane	0.241	0.226	-	6.2	20	84	0
Chlorodibromomethane	0.351	0.316	-	10	20	76	0
1,3-Dichloropropane	0.46	0.454	-	1.3	20	83	0
1,2-Dibromoethane	0.277	0.263	-	5.1	20	79	0
2-Hexanone	0.184	0.144	-	21.7*	20	62	0
Chlorobenzene	0.89	0.907	-	-1.9	20	89	0
Ethylbenzene	1.487	1.494	-	-0.5	20	89	0
1,1,1,2-Tetrachloroethane	0.337	0.318	-	5.6	20	80	0
p/m Xylene	0.578	0.582	-	-0.7	20	88	0
o Xylene	0.567	0.569	-	-0.4	20	87	0
Styrene	0.941	0.945	-	-0.4	20	85	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	91	0
Bromoform	0.436	0.363	-	16.7	20	67	0
Isopropylbenzene	2.782	2.862	-	-2.9	20	87	0
4-Bromofluorobenzene	0.926	0.919	-	0.8	20	90	0
Bromobenzene	0.717	0.727	-	-1.4	20	82	0
n-Propylbenzene	3.209	3.389	-	-5.6	20	89	0
1,4-Dichlorobutane	0.935	0.935	-	0	20	82	0
1,1,2,2-Tetrachloroethane	0.678	0.616	-	9.1	20	74	0
4-Ethyltoluene	2.737	2.902	-	-6	20	89	0
2-Chlorotoluene	1.941	2.053	-	-5.8	20	94	0
1,3,5-Trimethylbenzene	2.363	2.526	-	-6.9	20	89	0
1,2,3-Trichloropropane	0.514	0.487	-	5.3	20	75	0
trans-1,4-Dichloro-2-buten	0.19	0.168	-	11.6	20	69	0
4-Chlorotoluene	2.031	2.148	-	-5.8	20	88	0
tert-Butylbenzene	2.078	2.056	-	1.1	20	84	0
1,2,4-Trimethylbenzene	2.328	2.465	-	-5.9	20	88	0
sec-Butylbenzene	2.986	3.065	-	-2.6	20	87	0
p-Isopropyltoluene	2.633	2.708	-	-2.8	20	86	0
1,3-Dichlorobenzene	1.391	1.427	-	-2.6	20	85	0
1,4-Dichlorobenzene	1.443	1.443	-	0	20	84	0
p-Diethylbenzene	1.57	1.621	-	-3.2	20	86	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : VOA127
 Lab File ID : V27260218A01
 Sample No : WG2177365-2
 Channel :

Lab Number : L2607983
 Project Number : 519671
 Calibration Date : 02/18/26 09:23
 Init. Calib. Date(s) : 01/08/26 01/08/26
 Init. Calib. Times : 17:22 21:28

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
n-Butylbenzene	2.339	2.512	-	-7.4	20	91	0
1,2-Dichlorobenzene	1.34	1.326	-	1	20	82	0
1,2,4,5-Tetramethylbenzene	2.456	2.167	-	11.8	20	73	0
1,2-Dibromo-3-chloropropan	0.12	0.095	-	20.8*	20	62	0
1,3,5-Trichlorobenzene	1.047	1.098	-	-4.9	20	87	0
Hexachlorobutadiene	0.542	0.487	-	10.1	20	76	0
1,2,4-Trichlorobenzene	0.96	0.953	-	0.7	20	81	0
Naphthalene	2.261	1.978	-	12.5	20	70	0
1,2,3-Trichlorobenzene	0.915	0.877	-	4.2	20	78	0

* Value outside of QC limits.



Sample Delivery Group Summary

Pace Job Number : L2607983

Received : 12-FEB-2026

Reviewer : Harmony Evans

Account Name : AEI Consultants

Project Number : 519671

Project Name : 519671 GREAT BARRINGTON, MA

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	3.3	

Condition Information

- | | |
|--|-----|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels? | NO |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|----|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|----|



ANALYTICAL REPORT

Lab Number:	L2602676
Client:	AEI Consultants 20 Gibson Place Suite 310 Freehold, NJ 07728
ATTN:	Saranda Alka
Phone:	(732) 414-2720
Project Name:	519671 GREAT BARRINGTON, MA
Project Number:	519671
Report Date:	01/29/26

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Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2602676-01	MW-1	WATER	GREAT BARRINGTON, MA	01/14/26 18:00	01/15/26

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	YES
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES
A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	NO
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

MCP Related Narratives

Sample Receipt

The analyses performed were specified by the client.

L2602676-01: The collection date and time on the chain of custody was 14-JAN-26 18:00; however, the collection date/time on the container label was 14-JAN-26 16.00. At the client's request, the collection date/time is reported as 14-JAN-26 18:00.

Volatile Organics

In reference to question H:

L2602676-01: The associated continuing calibration standard is outside the acceptance criteria for several compounds; however, it is within overall method allowances. Associated results are considered to be biased high if the %D is negative and biased low if the %D is positive. A copy of the continuing calibration standard is included as an addendum to this report.

In reference to question I:

All samples were analyzed for a subset of MCP analytes per client request.

EPH

In reference to question G:

L2602676-01: One or more of the target analytes did not achieve the requested CAM reporting limits.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Melissa Sturgis

Title: Technical Director/Representative

Date: 01/29/26

QC OUTLIER SUMMARY REPORT

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
--------	-----------------------	--------	-----------	---------	------------------	---------------	--------------------	-------------------------

There are no QC Outliers associated with this report.

ORGANICS

VOLATILES

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2602676**Project Number:** 519671**Report Date:** 01/29/26**SAMPLE RESULTS**

Lab ID: L2602676-01

Date Collected: 01/14/26 18:00

Client ID: MW-1

Date Received: 01/15/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 141,8260D

Analytical Date: 01/27/26 08:21

Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,1-Dichloroethane	ND		ug/l	1.0	0.21	1
Tetrachloroethene	ND		ug/l	1.0	0.18	1
1,2-Dichloroethane	ND		ug/l	1.0	0.13	1
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
1,1-Dichloroethene	ND		ug/l	1.0	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16	1
Trichloroethene	ND		ug/l	1.0	0.18	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19	1
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	123		70-130
Toluene-d8	94		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	117		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Method Blank Analysis Batch Quality Control

Analytical Method: 141,8260D
 Analytical Date: 01/27/26 05:43
 Analyst: MCM

Parameter	Result	Qualifier	Units	RL	MDL
MCP Volatile Organics - Westborough Lab for sample(s): 01 Batch: WG2169646-5					
1,1-Dichloroethane	ND		ug/l	1.0	0.21
Tetrachloroethene	ND		ug/l	1.0	0.18
1,2-Dichloroethane	ND		ug/l	1.0	0.13
1,1,1-Trichloroethane	ND		ug/l	1.0	0.16
Vinyl chloride	ND		ug/l	1.0	0.07
1,1-Dichloroethene	ND		ug/l	1.0	0.17
trans-1,2-Dichloroethene	ND		ug/l	1.0	0.16
Trichloroethene	ND		ug/l	1.0	0.18
cis-1,2-Dichloroethene	ND		ug/l	1.0	0.19
1,2-Dichloroethene, Total	ND		ug/l	1.0	0.16

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	117		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	115		70-130
Dibromofluoromethane	109		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2602676

Report Date: 01/29/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics - Westborough Lab Associated sample(s): 01 Batch: WG2169646-3 WG2169646-4								
1,1-Dichloroethane	120		110		70-130	9		20
Tetrachloroethene	93		89		70-130	4		20
1,2-Dichloroethane	110		100		70-130	10		20
1,1,1-Trichloroethane	100		97		70-130	3		20
Vinyl chloride	120		120		70-130	0		20
1,1-Dichloroethene	110		92		70-130	18		20
trans-1,2-Dichloroethene	100		90		70-130	11		20
Trichloroethene	96		92		70-130	4		20
cis-1,2-Dichloroethene	100		85		70-130	16		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	118		112		70-130
Toluene-d8	103		103		70-130
4-Bromofluorobenzene	110		111		70-130
Dibromofluoromethane	96		99		70-130

PETROLEUM HYDROCARBONS

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2602676**Project Number:** 519671**Report Date:** 01/29/26**SAMPLE RESULTS**

Lab ID: L2602676-01

Date Collected: 01/14/26 18:00

Client ID: MW-1

Date Received: 01/15/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Extraction Method: MA VPH

Analytical Method: 131, VPH

Extraction Date: 01/21/26 09:05

Analytical Date: 01/21/26 15:48

Analyst: KDK

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Volatile Petroleum Hydrocarbons - East Longmeadow Lab

C5-C8 Aliphatics, Adjusted	ND		ug/l	100	80	1
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	48	1
C9-C10 Aromatics	ND		ug/l	100	30	1
C5-C8 Aliphatics	ND		ug/l	100	80	1
C9-C12 Aliphatics	ND		ug/l	100	48	1
Benzene	ND		ug/l	1.0	0.18	1
Toluene	ND		ug/l	1.0	0.25	1
Ethylbenzene	ND		ug/l	1.0	0.22	1
p/m-Xylene	ND		ug/l	2.0	0.48	1
o-Xylene	ND		ug/l	1.0	0.25	1
Methyl tert butyl ether	ND		ug/l	1.0	0.24	1
Naphthalene	ND		ug/l	5.0	0.31	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	94		70-130
2,5-Dibromotoluene-FID	92		70-130

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2602676**Project Number:** 519671**Report Date:** 01/29/26**SAMPLE RESULTS**

Lab ID: L2602676-01

Client ID: MW-1

Sample Location: GREAT BARRINGTON, MA

Date Collected: 01/14/26 18:00

Date Received: 01/15/26

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Analytical Method: 135,EPH-19-2.1

Analytical Date: 01/25/26 03:55

Analyst: MTC

Extraction Method: EPA 3510C

Extraction Date: 01/24/26 09:29

Cleanup Method1: EPH-19-2.1

Cleanup Date1: 01/24/26

Quality Control Information

Condition of sample received:

Satisfactory

Aqueous Preservative:

Laboratory Provided Preserved
Container

Sample Temperature upon receipt:

Received on Ice

Sample Extraction method:

Extracted Per the Method

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

C9-C18 Aliphatics	ND		ug/l	100	100.	1
C19-C36 Aliphatics	ND		ug/l	100	100.	1
C11-C22 Aromatics	ND		ug/l	100	100.	1
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.	1
Naphthalene	ND		ug/l	10.0	10.0	1
2-Methylnaphthalene	ND		ug/l	10.0	10.0	1
Acenaphthylene	ND		ug/l	10.0	10.0	1
Acenaphthene	ND		ug/l	10.0	10.0	1
Fluorene	ND		ug/l	10.0	10.0	1
Phenanthrene	ND		ug/l	10.0	10.0	1
Anthracene	ND		ug/l	10.0	10.0	1
Fluoranthene	ND		ug/l	10.0	10.0	1
Pyrene	ND		ug/l	10.0	10.0	1
Benzo(a)anthracene	ND		ug/l	10.0	10.0	1
Chrysene	ND		ug/l	10.0	10.0	1
Benzo(b)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(k)fluoranthene	ND		ug/l	10.0	10.0	1
Benzo(a)pyrene	ND		ug/l	10.0	10.0	1
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	10.0	1
Dibenzo(a,h)anthracene	ND		ug/l	10.0	10.0	1
Benzo(ghi)perylene	ND		ug/l	10.0	10.0	1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2602676**Project Number:** 519671**Report Date:** 01/29/26**SAMPLE RESULTS**

Lab ID: L2602676-01

Date Collected: 01/14/26 18:00

Client ID: MW-1

Date Received: 01/15/26

Sample Location: GREAT BARRINGTON, MA

Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
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Extractable Petroleum Hydrocarbons - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	72		40-140
o-Terphenyl	67		40-140
2-Fluorobiphenyl	79		40-140
2-Bromonaphthalene	81		40-140

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Method Blank Analysis Batch Quality Control

Analytical Method: 131, VPH
Analytical Date: 01/21/26 10:54
Analyst: KDK

Extraction Method: MA VPH
Extraction Date: 01/21/26 09:05

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Petroleum Hydrocarbons - East Longmeadow Lab for sample(s): 01 Batch: WG2168514-1					
C5-C8 Aliphatics, Adjusted	ND		ug/l	100	80
C9-C12 Aliphatics, Adjusted	ND		ug/l	100	48
C9-C10 Aromatics	ND		ug/l	100	30
C5-C8 Aliphatics	ND		ug/l	100	80
C9-C12 Aliphatics	ND		ug/l	100	48
Benzene	ND		ug/l	1.0	0.18
Toluene	ND		ug/l	1.0	0.25
Ethylbenzene	ND		ug/l	1.0	0.22
p/m-Xylene	ND		ug/l	2.0	0.48
o-Xylene	ND		ug/l	1.0	0.25
Methyl tert butyl ether	ND		ug/l	1.0	0.24
Naphthalene	ND		ug/l	5.0	0.31

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2,5-Dibromotoluene-PID	94		70-130
2,5-Dibromotoluene-FID	91		70-130

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Method Blank Analysis Batch Quality Control

Analytical Method: 135,EPH-19-2.1
Analytical Date: 01/25/26 01:50
Analyst: ALL

Extraction Method: EPA 3510C
Extraction Date: 01/24/26 09:29
Cleanup Method: EPH-19-2.1
Cleanup Date: 01/24/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG2168676-1					
C9-C18 Aliphatics	ND		ug/l	100	100.
C19-C36 Aliphatics	ND		ug/l	100	100.
C11-C22 Aromatics	ND		ug/l	100	100.
C11-C22 Aromatics, Adjusted	ND		ug/l	100	100.
Naphthalene	ND		ug/l	10.0	10.0
2-Methylnaphthalene	ND		ug/l	10.0	10.0
Acenaphthylene	ND		ug/l	10.0	10.0
Acenaphthene	ND		ug/l	10.0	10.0
Fluorene	ND		ug/l	10.0	10.0
Phenanthrene	ND		ug/l	10.0	10.0
Anthracene	ND		ug/l	10.0	10.0
Fluoranthene	ND		ug/l	10.0	10.0
Pyrene	ND		ug/l	10.0	10.0
Benzo(a)anthracene	ND		ug/l	10.0	10.0
Chrysene	ND		ug/l	10.0	10.0
Benzo(b)fluoranthene	ND		ug/l	10.0	10.0
Benzo(k)fluoranthene	ND		ug/l	10.0	10.0
Benzo(a)pyrene	ND		ug/l	10.0	10.0
Indeno(1,2,3-cd)Pyrene	ND		ug/l	10.0	10.0
Dibenzo(a,h)anthracene	ND		ug/l	10.0	10.0
Benzo(ghi)perylene	ND		ug/l	10.0	10.0

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

Method Blank Analysis
Batch Quality Control

Analytical Method: 135,EPH-19-2.1
 Analytical Date: 01/25/26 01:50
 Analyst: ALL

Extraction Method: EPA 3510C
 Extraction Date: 01/24/26 09:29
 Cleanup Method: EPH-19-2.1
 Cleanup Date: 01/24/26

Parameter	Result	Qualifier	Units	RL	MDL
Extractable Petroleum Hydrocarbons - Westborough Lab for sample(s): 01 Batch: WG2168676-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
Chloro-Octadecane	76		40-140
o-Terphenyl	74		40-140
2-Fluorobiphenyl	81		40-140
2-Bromonaphthalene	83		40-140

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 01 Batch: WG2168514-2 WG2168514-3								
C9-C10 Aromatics	112		100		70-130	11.1		25
C5-C8 Aliphatics	107		99		70-130	7.63		25
C9-C12 Aliphatics	112		105		70-130	6.18		25
Benzene	100		95		70-130	4.86		25
Toluene	101		95		70-130	5.44		25
Ethylbenzene	112		104		70-130	7.18		25
p/m-Xylene	102		95		70-130	7.93		25
o-Xylene	105		98		70-130	7.09		25
Methyl tert butyl ether	108		104		70-130	4.15		25
Naphthalene	98		91		70-130	7.56		25
1,2,4-Trimethylbenzene	112		100		70-130	11.1		25
Pentane	101		94		70-130	7.26		25
2-Methylpentane	113		106		70-130	7.11		25
2,2,4-Trimethylpentane	105		97		70-130	8.54		25
Nonane (C9)	120		111		30-130	7.54		25
Decane (C10)	102		97		70-130	5.28		25
n-Butylcyclohexane	113		107		70-130	5.58		25

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Petroleum Hydrocarbons - East Longmeadow Lab Associated sample(s): 01 Batch: WG2168514-2 WG2168514-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2,5-Dibromotoluene-PID	109		104		70-130
2,5-Dibromotoluene-FID	102		99		70-130

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG2168676-2 WG2168676-3								
C9-C18 Aliphatics	70		81		40-140	15		20
C19-C36 Aliphatics	93		91		40-140	2		20
C11-C22 Aromatics	80		74		40-140	8		20
Naphthalene	70		64		40-140	9		20
2-Methylnaphthalene	71		66		40-140	7		20
Acenaphthylene	81		76		40-140	6		20
Acenaphthene	74		70		40-140	6		20
Fluorene	75		71		40-140	5		20
Phenanthrene	77		73		40-140	5		20
Anthracene	80		76		40-140	5		20
Fluoranthene	79		75		40-140	5		20
Pyrene	78		74		40-140	5		20
Benzo(a)anthracene	78		73		40-140	7		20
Chrysene	77		72		40-140	7		20
Benzo(b)fluoranthene	74		69		40-140	7		20
Benzo(k)fluoranthene	76		70		40-140	8		20
Benzo(a)pyrene	107		99		40-140	8		20
Indeno(1,2,3-cd)Pyrene	70		64		40-140	9		20
Dibenzo(a,h)anthracene	75		68		40-140	10		20

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2602676

Project Number: 519671

Report Date: 01/29/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Extractable Petroleum Hydrocarbons - Westborough Lab Associated sample(s): 01 Batch: WG2168676-2 WG2168676-3								
Benzo(ghi)perylene	71		63		40-140	12		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
Chloro-Octadecane	75		75		40-140
o-Terphenyl	73		70		40-140
2-Fluorobiphenyl	77		71		40-140
2-Bromonaphthalene	79		74		40-140
% Naphthalene Breakthrough	0		0		
% 2-Methylnaphthalene Breakthrough	0		0		

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2602676**Project Number:** 519671**Report Date:** 01/29/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2602676-01A	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2602676-01B	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2602676-01C	Vial HCl preserved	NA	NA			Y	Absent		MCP-8260-C9-21(14)
L2602676-01D	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)
L2602676-01E	Vial HCl preserved	NA	NA			Y	Absent		A3-VPH-DELUX-18(14)
L2602676-01F	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)
L2602676-01G	Amber 1L HCl preserved	NA	<2	<2		Y	Absent		EPH-DELUX-20(14)

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
Report Date: 01/29/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2602676
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Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenzo(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were

Report Format: DU Report with 'J' Qualifiers



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Data Qualifiers

estimated.

- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.
- ND** - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 519671 GREAT BARRINGTON, MA
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REFERENCES

- 131 Method for the Determination of Volatile Petroleum Hydrocarbons (VPH), MassDEP, February 2018, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of VPH under the Massachusetts Contingency Plan, WSC-CAM-IVA, June 1, 2018.
- 135 Method for the Determination of Extractable Petroleum Hydrocarbons (EPH), MassDEP, December 2019, Revision 2.1 with QC Requirements & Performance Standards for the Analysis of EPH under the Massachusetts Contingency Plan, WSC-CAM-IVB, March 1, 2020.
- 141 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA and IIB, November 2021.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: **NPW:** Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: **NPW:** Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: SM9223B-Colilert-QT; Enterolert-QT.

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg. **EPA 522, EPA 537.1.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECI: NO₃, SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0: Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.

Method Blank Summary

Form 4

Volatiles

Client	: AEI Consultants	Lab Number	: L2602676
Project Name	: 519671 GREAT BARRINGTON, MA	Project Number	: 519671
Lab Sample ID	: WG2169646-5	Lab File ID	: J260127A05
Instrument ID	: JACK		
Matrix	: WATER	Analysis Date	: 01/27/26 05:43

Client Sample No.	Lab Sample ID	Analysis Date
WG2169646-3LCS	WG2169646-3	01/27/26 03:58
WG2169646-4LCSD	WG2169646-4	01/27/26 04:24
MW-1	L2602676-01	01/27/26 08:21

Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : JACK
 Lab File ID : J260127A01
 Sample No : WG2169646-2
 Channel :

Lab Number : L2602676
 Project Number : 519671
 Calibration Date : 01/27/26 03:58
 Init. Calib. Date(s) : 01/13/26 01/13/26
 Init. Calib. Times : 05:36 08:40

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
Fluorobenzene	1	1	-	0	20	113	-.01
Dichlorodifluoromethane	0.4	0.389	-	2.8	20	104	0
Chloromethane	0.485	0.588	-	-21.2*	20	130	0
Vinyl chloride	0.359	0.422	-	-17.5	20	127	0
Bromomethane	10	10.82	-	-8.2	20	108	0
Chloroethane	0.164	0.201	-	-22.6*	20	128	0
Trichlorofluoromethane	0.439	0.473	-	-7.7	20	116	0
Ethyl ether	0.129	0.13	-	-0.8	20	114	-.01
1,1-Dichloroethene	0.251	0.267	-	-6.4	20	117	0
Carbon disulfide	0.813	0.852	-	-4.8	20	114	-.01
Freon-113	0.255	0.255	-	0	20	109	-.01
Acrolein	0.019	0.021	-	-10.5	20	155	0
Methylene chloride	0.284	0.274	-	3.5	20	111	0
Acetone	0.079	0.099	-	-25.3*	20	137	-.01
trans-1,2-Dichloroethene	0.267	0.266	-	0.4	20	110	0
Methyl acetate	0.19	0.199	-	-4.7	20	128	0
Methyl tert-butyl ether	0.676	0.678	-	-0.3	20	118	0
tert-Butyl alcohol	0.02	0.022	-	-10	20	141	-.01
Diisopropyl ether	1.068	1.258	-	-17.8	20	136	-.02
1,1-Dichloroethane	0.558	0.673	-	-20.6*	20	132	-.01
Halothane	0.211	0.198	-	6.2	20	107	-.01
Acrylonitrile	0.093	0.117	-	-25.8*	20	160	0
Ethyl tert-butyl ether	0.803	0.903	-	-12.5	20	135	-.02
Vinyl acetate	0.807	0.854	-	-5.8	20	134	0
cis-1,2-Dichloroethene	0.289	0.296	-	-2.4	20	113	-.01
2,2-Dichloropropane	0.442	0.477	-	-7.9	20	117	-.01
Bromochloromethane	0.132	0.131	-	0.8	20	112	-.01
Cyclohexane	0.572	0.709	-	-24*	20	134	-.01
Chloroform	0.501	0.506	-	-1	20	113	-.01
Ethyl acetate	0.295	0.318	-	-7.8	20	134	-.01
Carbon tetrachloride	0.41	0.401	-	2.2	20	107	-.01
Tetrahydrofuran	0.114	0.133	-	-16.7	20	138	-.01
Dibromofluoromethane	0.273	0.262	-	4	20	108	-.01
1,1,1-Trichloroethane	0.439	0.456	-	-3.9	20	113	-.01
2-Butanone	0.125	0.133	-	-6.4	20	151	-.01
1,1-Dichloropropene	0.365	0.365	-	0	20	113	-.01
Benzene	1.078	1.108	-	-2.8	20	118	-.01
tert-Amyl methyl ether	0.661	0.636	-	3.8	20	116	-.02
1,2-Dichloroethane-d4	0.315	0.372	-	-18.1	20	133	-.01
1,2-Dichloroethane	0.385	0.43	-	-11.7	20	127	-.01
Methyl cyclohexane	0.476	0.483	-	-1.5	20	115	-.01
Trichloroethene	0.287	0.275	-	4.2	20	109	-.01
Dibromomethane	0.163	0.163	-	0	20	115	0

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : JACK
 Lab File ID : J260127A01
 Sample No : WG2169646-2
 Channel :

Lab Number : L2602676
 Project Number : 519671
 Calibration Date : 01/27/26 03:58
 Init. Calib. Date(s) : 01/13/26 01/13/26
 Init. Calib. Times : 05:36 08:40

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
1,2-Dichloropropane	0.242	0.294	-	-21.5*	20	135	0
2-Chloroethyl vinyl ether	0.164	0.185	-	-12.8	20	133	0
Bromodichloromethane	0.402	0.407	-	-1.2	20	110	0
1,4-Dioxane	0.00159	0.00168*	-	-5.7	20	113	-.01
cis-1,3-Dichloropropene	0.426	0.438	-	-2.8	20	117	0
Chlorobenzene-d5	1	1	-	0	20	110	-.01
Toluene-d8	1.271	1.308	-	-2.9	20	113	-.01
Toluene	0.859	0.91	-	-5.9	20	118	-.01
4-Methyl-2-pentanone	0.115	0.131	-	-13.9	20	139	-.02
Tetrachloroethene	0.397	0.368	-	7.3	20	100	0
trans-1,3-Dichloropropene	0.466	0.49	-	-5.2	20	113	-.01
Ethyl methacrylate	0.373	0.401	-	-7.5	20	120	-.01
1,1,2-Trichloroethane	0.223	0.234	-	-4.9	20	116	-.02
Chlorodibromomethane	0.344	0.34	-	1.2	20	109	0
1,3-Dichloropropane	0.459	0.478	-	-4.1	20	115	-.01
1,2-Dibromoethane	0.282	0.277	-	1.8	20	109	-.01
2-Hexanone	0.238	0.307	-	-29*	20	142	-.01
Chlorobenzene	0.98	0.973	-	0.7	20	110	-.01
Ethylbenzene	1.716	1.811	-	-5.5	20	114	0
1,1,1,2-Tetrachloroethane	0.339	0.328	-	3.2	20	107	-.02
p/m Xylene	0.674	0.693	-	-2.8	20	112	-.01
o Xylene	0.652	0.669	-	-2.6	20	112	-.01
Styrene	1.086	1.105	-	-1.7	20	113	0
1,4-Dichlorobenzene-d4	1	1	-	0	20	103	0
Bromoform	0.43	0.402	-	6.5	20	102	0
Isopropylbenzene	2.973	3.168	-	-6.6	20	111	0
4-Bromofluorobenzene	0.83	0.914	-	-10.1	20	116	0
Bromobenzene	0.741	0.713	-	3.8	20	103	0
n-Propylbenzene	3.517	3.993	-	-13.5	20	117	0
1,4-Dichlorobutane	1.037	1.427	-	-37.6*	20	142	-.01
1,1,2,2-Tetrachloroethane	0.633	0.723	-	-14.2	20	120	-.01
4-Ethyltoluene	2.91	3.205	-	-10.1	20	114	0
2-Chlorotoluene	2.32	2.576	-	-11	20	116	-.01
1,3,5-Trimethylbenzene	2.463	2.733	-	-11	20	113	0
1,2,3-Trichloropropane	0.524	0.593	-	-13.2	20	120	-.01
trans-1,4-Dichloro-2-buten	0.23	0.303	-	-31.7*	20	137	0
4-Chlorotoluene	2.085	2.359	-	-13.1	20	118	-.01
tert-Butylbenzene	2.093	2.252	-	-7.6	20	112	0
1,2,4-Trimethylbenzene	2.406	2.662	-	-10.6	20	114	0
sec-Butylbenzene	3.152	3.476	-	-10.3	20	113	0
p-Isopropyltoluene	2.715	2.913	-	-7.3	20	111	0
1,3-Dichlorobenzene	1.444	1.447	-	-0.2	20	105	-.01
1,4-Dichlorobenzene	1.454	1.462	-	-0.6	20	107	-.01

* Value outside of QC limits.



Calibration Verification Summary

Form 7

Volatiles

Client : AEI Consultants
 Project Name : 519671 GREAT BARRINGTON, MA
 Instrument ID : JACK
 Lab File ID : J260127A01
 Sample No : WG2169646-2
 Channel :

Lab Number : L2602676
 Project Number : 519671
 Calibration Date : 01/27/26 03:58
 Init. Calib. Date(s) : 01/13/26 01/13/26
 Init. Calib. Times : 05:36 08:40

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
p-Diethylbenzene	1.61	1.706	-	-6	20	112	-.01
n-Butylbenzene	2.465	2.821	-	-14.4	20	117	0
1,2-Dichlorobenzene	1.358	1.35	-	0.6	20	107	0
1,2,4,5-Tetramethylbenzene	2.33	2.309	-	0.9	20	108	0
1,2-Dibromo-3-chloropropan	0.121	0.113	-	6.6	20	107	0
1,3,5-Trichlorobenzene	1.05	0.987	-	6	20	102	0
Hexachlorobutadiene	0.398	0.403	-	-1.3	20	106	0
1,2,4-Trichlorobenzene	0.897	0.86	-	4.1	20	103	0
Naphthalene	2.031	2.066	-	-1.7	20	110	0
1,2,3-Trichlorobenzene	0.809	0.754	-	6.8	20	102	-.01

* Value outside of QC limits.



Sample Delivery Group Summary

Pace Job Number : L2602676

Received : 15-JAN-2026

Reviewer : Samira Sampaio

Account Name : AEI Consultants

Project Number : 519671

Project Name : 519671 GREAT BARRINGTON, MA

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
A	Absent/	Ice	2.9	

Condition Information

- | | |
|---|------------|
| 1) All samples on COC received? | YES |
| 2) Extra samples received? | NO |
| 3) Are there any sample container discrepancies? | NO |
| 4) Are there any discrepancies between COC & sample labels?
L2602676-01: 14-JAN-26 18:00 vs. 14-JAN-26 16:00 | YES |
| 5) Are samples in appropriate containers for requested analysis? | YES |
| 6) Are samples properly preserved for requested analysis? | YES |
| 7) Are samples within holding time for requested analysis? | YES |
| 8) All sampling equipment returned? | NA |

Volatile Organics/VPH

- | | |
|--|-----------|
| 1) Reagent Water Vials Frozen by Client? | NO |
|--|-----------|



ANALYTICAL REPORT

Lab Number:	L2607997
Client:	AEI Consultants 20 Gibson Place Suite 310 Freehold, NJ 07728
ATTN:	Saranda Alka
Phone:	(732) 414-2720
Project Name:	519671 GREAT BARRINGTON, MA
Project Number:	519671
Report Date:	03/02/26

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120 Forbes Boulevard, Mansfield, MA 02048-1806
508-822-9300 (Fax) 508-822-3288 800-624-9220 - www.pacelabs.com



Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2607997-01	SV-1	SOIL_VAPOR	519671 GREAT BARRINGTON, MA	02/12/26 11:45	02/12/26
L2607997-02	SS-1	SOIL_VAPOR	519671 GREAT BARRINGTON, MA	02/12/26 13:45	02/12/26
L2607997-03	SS-2	SOIL_VAPOR	519671 GREAT BARRINGTON, MA	02/12/26 12:45	02/12/26
L2607997-04	SS-3	SOIL_VAPOR	519671 GREAT BARRINGTON, MA	02/12/26 14:15	02/12/26
L2607997-05	SS-4	SOIL_VAPOR	519671 GREAT BARRINGTON, MA	02/12/26 14:45	02/12/26
L2607997-06	IA-1	AIR	519671 GREAT BARRINGTON, MA	02/12/26 16:20	02/12/26
L2607997-07	IA-2	AIR	519671 GREAT BARRINGTON, MA	02/12/26 16:20	02/12/26
L2607997-08	IA-3	AIR	519671 GREAT BARRINGTON, MA	02/12/26 16:20	02/12/26
L2607997-09	AA-1	AIR	519671 GREAT BARRINGTON, MA	02/12/26 16:20	02/12/26

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607997

Project Number: 519671

Report Date: 03/02/26

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E 1.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	YES
E 2.	PFAS Only: Were aqueous samples extracted without filtering?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES
A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits/lower limits of quantitation at or below all CAM reporting limits/lower limits of quantitation specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	YES
For any questions answered "No", please refer to the case narrative section on the following page(s).		

Please note that sample matrix information is located in the Sample Results section of this report.



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Pace Lab Number and meet NELAP requirements for all NELAP accredited parameters unless otherwise noted in the following narrative. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. Tentatively Identified Compounds (TICs), if requested, are reported for compounds identified to be present and are not part of the method/program Target Compound List, even if only a subset of the TCL are being reported. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively.

When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances, the specific failure is not narrated but noted in the associated QC Outlier Summary Report, located directly after the Case Narrative. QC information is also incorporated in the Data Usability Assessment table (Format 11) of our Data Merger tool, where it can be reviewed in conjunction with the sample result, associated regulatory criteria and any associated data usability implications.

Soil/sediments and solids are reported on a dry weight basis unless otherwise noted. Tissues are reported "as received" or on a wet weight basis, unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

HOLD POLICY - For samples submitted on hold, Pace's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Pace Project Manager and made arrangements for Pace to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Project Management at 800-624-9220 with any questions.

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

Case Narrative (continued)

Report Revision

March 2, 2026 the report has been amended to report select compounds for L2607997-06 and L2607997-09.

MCP Related Narratives

Canisters were released from the laboratory on February 12, 2026. The canister certification data is provided as an addendum.

MCP Volatile Organics in Air

In reference to question G:

One or more of the target analytes did not achieve the requested CAM reporting limits.

In reference to question H:

The WG2177903-3 LCS recovery associated with L2607997-01, -02, -03, -04, and -05D is above the upper 130% acceptance limit for cis-1,3-dichloropropene (132%) and 4-methyl-2-pentanone (131%). All samples associated with this LCS do not have reportable amounts of this analyte.

L2607997-05D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of non-target compounds in the sample.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature:  Christopher J. Anderson

Title: Technical Director/Representative

Date: 03/02/26

QC OUTLIER SUMMARY REPORT

Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26

Method	Client ID (Native ID)	Lab ID	Parameter	QC Type	Recovery/RPD (%)	QC Limits (%)	Associated Samples	Data Quality Assessment
MCP Volatile Organics in Air - Mansfield Air Lab								
TO-15	Batch QC	WG2177903-3	cis-1,3-Dichloropropene	LCS	132	70-130	01-05	potential high bias
TO-15	Batch QC	WG2177903-3	4-Methyl-2-pentanone	LCS	131	70-130	01-05	potential high bias

AIR

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

SAMPLE RESULTS

Lab ID: L2607997-01
 Client ID: SV-1
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 11:45
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 101,TO-15
 Analytical Date: 02/21/26 00:11
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Acetone	40.5	1.00	--	96.2	2.38	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	4.01	0.500	--	11.8	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.22	0.200	--	7.09	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.51	0.200	--	8.12	1.07	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS**

Lab ID: L2607997-01

Client ID: SV-1

Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 11:45

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Toluene	6.65	0.200	--	25.1	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	6.59	0.200	--	44.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.38	0.200	--	5.99	0.869	--		1
p/m-Xylene	5.84	0.400	--	25.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Xylenes, Total	8.06	0.200	--	35.0	0.869	--		1
o-Xylene	2.22	0.200	--	9.64	0.869	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	107		60-140



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

SAMPLE RESULTS

Lab ID: L2607997-02
 Client ID: SS-1
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 13:45
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 101,TO-15
 Analytical Date: 02/21/26 00:51
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Acetone	2.89	1.00	--	6.87	2.38	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	0.464	0.200	--	1.84	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.763	0.500	--	2.25	1.47	--		1
cis-1,2-Dichloroethene	4.71	0.200	--	18.7	0.793	--		1
Chloroform	2.65	0.200	--	12.9	0.977	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.436	0.200	--	1.39	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	12.7	0.200	--	68.3	1.07	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS****Lab ID:** L2607997-02**Date Collected:** 02/12/26 13:45**Client ID:** SS-1**Date Received:** 02/12/26**Sample Location:** 519671 GREAT BARRINGTON, MA**Field Prep:** Not Specified**Sample Depth:**

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Toluene	3.28	0.200	--	12.4	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	46.2	0.200	--	313	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.648	0.200	--	2.81	0.869	--		1
p/m-Xylene	3.00	0.400	--	13.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Xylenes, Total	4.13	0.200	--	17.9	0.869	--		1
o-Xylene	1.14	0.200	--	4.95	0.869	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	94		60-140



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

SAMPLE RESULTS

Lab ID: L2607997-03
 Client ID: SS-2
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 12:45
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 101,TO-15
 Analytical Date: 02/21/26 01:32
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Acetone	52.4	1.00	--	124	2.38	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	7.19	0.500	--	21.2	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Chloroform	2.99	0.200	--	14.6	0.977	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.778	0.200	--	2.49	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.435	0.200	--	2.34	1.07	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS****Lab ID:** L2607997-03**Date Collected:** 02/12/26 12:45**Client ID:** SS-2**Date Received:** 02/12/26**Sample Location:** 519671 GREAT BARRINGTON, MA**Field Prep:** Not Specified**Sample Depth:**

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Toluene	8.18	0.200	--	30.8	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	1.79	0.200	--	12.1	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.76	0.200	--	7.64	0.869	--		1
p/m-Xylene	8.06	0.400	--	35.0	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Xylenes, Total	11.1	0.200	--	48.2	0.869	--		1
o-Xylene	3.00	0.200	--	13.0	0.869	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	109		60-140
chlorobenzene-d5	108		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS**

Lab ID: L2607997-04
 Client ID: SS-3
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 14:15
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 101,TO-15
 Analytical Date: 02/21/26 02:12
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Acetone	13.3	1.00	--	31.6	2.38	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.43	0.500	--	10.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Chloroform	1.79	0.200	--	8.74	0.977	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	3.30	0.200	--	10.5	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	0.391	0.200	--	2.62	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.241	0.200	--	1.30	1.07	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

SAMPLE RESULTS

Lab ID: L2607997-04
 Client ID: SS-3
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 14:15
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Toluene	21.5	0.200	--	81.0	0.754	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	7.62	0.200	--	51.7	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	3.68	0.200	--	16.0	0.869	--		1
p/m-Xylene	13.7	0.400	--	59.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Xylenes, Total	19.3	0.200	--	83.8	0.869	--		1
o-Xylene	5.67	0.200	--	24.6	0.869	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	121		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	124		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS**

Lab ID: L2607997-05 D
 Client ID: SS-4
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 14:45
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:
 Matrix: Soil_Vapor
 Analytical Method: 101,TO-15
 Analytical Date: 02/21/26 03:33
 Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.250	--	ND	0.639	--		1.25
Bromomethane	ND	0.250	--	ND	0.971	--		1.25
Acetone	17.9	1.25	--	42.5	2.97	--		1.25
1,1-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
Methylene chloride	ND	0.625	--	ND	2.17	--		1.25
trans-1,2-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
1,1-Dichloroethane	ND	0.250	--	ND	1.01	--		1.25
Methyl tert butyl ether	ND	0.250	--	ND	0.901	--		1.25
2-Butanone	3.28	0.625	--	9.67	1.84	--		1.25
cis-1,2-Dichloroethene	ND	0.250	--	ND	0.991	--		1.25
Chloroform	0.385	0.250	--	1.88	1.22	--		1.25
1,2-Dichloroethane	ND	0.250	--	ND	1.01	--		1.25
1,1,1-Trichloroethane	ND	0.250	--	ND	1.36	--		1.25
Benzene	1.49	0.250	--	4.76	0.799	--		1.25
Carbon tetrachloride	ND	0.250	--	ND	1.57	--		1.25
1,2-Dichloropropane	ND	0.250	--	ND	1.16	--		1.25
Bromodichloromethane	ND	0.250	--	ND	1.67	--		1.25
1,4-Dioxane	ND	0.250	--	ND	0.901	--		1.25
Trichloroethene	ND	0.250	--	ND	1.34	--		1.25
cis-1,3-Dichloropropene	ND	0.250	--	ND	1.13	--		1.25
4-Methyl-2-pentanone	ND	0.625	--	ND	2.56	--		1.25
trans-1,3-Dichloropropene	ND	0.250	--	ND	1.13	--		1.25
1,1,2-Trichloroethane	ND	0.250	--	ND	1.36	--		1.25



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

SAMPLE RESULTS

Lab ID: L2607997-05 D
 Client ID: SS-4
 Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 14:45
 Date Received: 02/12/26
 Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab								
Toluene	9.38	0.250	--	35.3	0.942	--		1.25
Dibromochloromethane	ND	0.250	--	ND	2.13	--		1.25
1,2-Dibromoethane	ND	0.250	--	ND	1.92	--		1.25
Tetrachloroethene	1.74	0.250	--	11.8	1.70	--		1.25
Chlorobenzene	ND	0.250	--	ND	1.15	--		1.25
Ethylbenzene	1.18	0.250	--	5.13	1.09	--		1.25
p/m-Xylene	4.12	0.500	--	17.9	2.17	--		1.25
Bromoform	ND	0.250	--	ND	2.58	--		1.25
Styrene	ND	0.250	--	ND	1.06	--		1.25
1,1,2,2-Tetrachloroethane	ND	0.250	--	ND	1.72	--		1.25
Xylenes, Total	5.60	0.250	--	24.3	1.09	--		1.25
o-Xylene	1.48	0.250	--	6.43	1.09	--		1.25
1,3-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,4-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,2-Dichlorobenzene	ND	0.250	--	ND	1.50	--		1.25
1,2,4-Trichlorobenzene	ND	0.250	--	ND	1.86	--		1.25
Naphthalene	ND	0.250	--	ND	1.31	--		1.25
Hexachlorobutadiene	ND	0.250	--	ND	2.67	--		1.25

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	132		60-140
Bromochloromethane	123		60-140
chlorobenzene-d5	130		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS**

Lab ID: L2607997-06

Client ID: IA-1

Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 16:20

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 101,TO-15-SIM

Analytical Date: 02/19/26 22:56

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	93		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	98		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**SAMPLE RESULTS**

Lab ID: L2607997-09

Client ID: AA-1

Sample Location: 519671 GREAT BARRINGTON, MA

Date Collected: 02/12/26 16:20

Date Received: 02/12/26

Field Prep: Not Specified

Sample Depth:

Matrix: Air

Analytical Method: 101,TO-15-SIM

Analytical Date: 02/19/26 20:52

Analyst: TPH

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air by SIM - Mansfield Air Lab								
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	91		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26

Method Blank Analysis Batch Quality Control

Analytical Method: 101,TO-15-SIM

Analytical Date: 02/19/26 16:26

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 06,09 Batch: WG2177487-4								
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26

Method Blank Analysis Batch Quality Control

Analytical Method: 101,TO-15

Analytical Date: 02/20/26 20:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-05 Batch: WG2177903-4								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26

Method Blank Analysis Batch Quality Control

Analytical Method: 101,TO-15

Analytical Date: 02/20/26 20:14

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
MCP Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-05 Batch: WG2177903-4								
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 06,09 Batch: WG2177487-3								
Trichloroethene	95		-		70-130	-		
Tetrachloroethene	100		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2177903-3								
Vinyl chloride	78		-		70-130	-		
Bromomethane	79		-		70-130	-		
Acetone	75		-		50-150	-		
1,1-Dichloroethene	92		-		70-130	-		
Methylene chloride	97		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	91		-		70-130	-		
Methyl tert butyl ether	82		-		70-130	-		
2-Butanone	99		-		70-130	-		
cis-1,2-Dichloroethene	88		-		70-130	-		
Chloroform	83		-		70-130	-		
1,2-Dichloroethane	83		-		70-130	-		
1,1,1-Trichloroethane	94		-		70-130	-		
Benzene	115		-		70-130	-		
Carbon tetrachloride	95		-		70-130	-		
1,2-Dichloropropane	129		-		70-130	-		
Bromodichloromethane	106		-		70-130	-		
1,4-Dioxane	106		-		50-150	-		
Trichloroethene	104		-		70-130	-		

Lab Control Sample Analysis **Batch Quality Control**

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2177903-3								
cis-1,3-Dichloropropene	132	Q	-		70-130	-		
4-Methyl-2-pentanone	131	Q	-		70-130	-		
trans-1,3-Dichloropropene	130		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	112		-		70-130	-		
Dibromochloromethane	94		-		70-130	-		
1,2-Dibromoethane	111		-		70-130	-		
Tetrachloroethene	102		-		70-130	-		
Chlorobenzene	109		-		70-130	-		
Ethylbenzene	110		-		70-130	-		
p/m-Xylene	116		-		70-130	-		
Bromoform	71		-		70-130	-		
Styrene	112		-		70-130	-		
1,1,2,2-Tetrachloroethane	126		-		70-130	-		
o-Xylene	111		-		70-130	-		
1,3-Dichlorobenzene	121		-		70-130	-		
1,4-Dichlorobenzene	118		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	128		-		50-150	-		

Lab Control Sample Analysis
Batch Quality Control**Project Name:** 519671 GREAT BARRINGTON, MA**Project Number:** 519671**Lab Number:** L2607997**Report Date:** 03/02/26

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 Batch: WG2177903-3								
Naphthalene	99		-		50-150	-		
Hexachlorobutadiene	124		-		50-150	-		

Lab Duplicate Analysis

Batch Quality Control

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 QC Batch ID: WG2177903-5 QC Sample: L2607997-04 Client ID: SS-3						
Vinyl chloride	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Acetone	13.3	13.9	ppbV	4		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	3.43	3.49	ppbV	2		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
Chloroform	1.79	1.80	ppbV	1		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Benzene	3.30	3.38	ppbV	2		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	0.391	0.412	ppbV	5		25
1,4-Dioxane	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 QC Batch ID: WG2177903-5 QC Sample: L2607997-04 Client ID: SS-3						
Trichloroethene	0.241	0.249	ppbV	3		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	21.5	21.9	ppbV	2		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Tetrachloroethene	7.62	7.84	ppbV	3		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	3.68	3.67	ppbV	0		25
p/m-Xylene	13.7	14.0	ppbV	2		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
Xylenes, Total	19.3	19.7	ppbV	2		25
o-Xylene	5.67	5.73	ppbV	1		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis

Batch Quality Control

Project Name: 519671 GREAT BARRINGTON, MA

Project Number: 519671

Lab Number: L2607997

Report Date: 03/02/26

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
MCP Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-05 QC Batch ID: WG2177903-5 QC Sample: L2607997-04 Client ID: SS-3						
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: 519671 GREAT BARRINGTON, MA

Serial_No:03022616:55
Lab Number: L2607997

Project Number: 519671

Report Date: 03/02/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607997-01	SV-1	0481	Flow 1	02/12/26	555995		-	-	-	Pass	144	150	4
L2607997-01	SV-1	2768	2.7L Can	02/12/26	555995	L2607014-04	Pass	-29.0	0.0	-	-	-	-
L2607997-02	SS-1	02852	Flow 1	02/12/26	555995		-	-	-	Pass	144	151	5
L2607997-02	SS-1	3170	2.7L Can	02/12/26	555995	L2607014-04	Pass	-28.8	-3.6	-	-	-	-
L2607997-03	SS-2	02159	Flow 1	02/12/26	555995		-	-	-	Pass	145	153	5
L2607997-03	SS-2	2223	2.7L Can	02/12/26	555995	L2607014-04	Pass	-29.0	-5.4	-	-	-	-
L2607997-04	SS-3	0644	Flow 1	02/12/26	556075		-	-	-	Pass	144	153	6
L2607997-04	SS-3	501	2.7L Can	02/12/26	556075	L2607014-04	Pass	-28.6	-4.1	-	-	-	-
L2607997-05	SS-4	03007	Flow 1	02/12/26	556075		-	-	-	Pass	144	148	3
L2607997-05	SS-4	245	2.7L Can	02/12/26	556075	L2607014-04	Pass	-28.7	-2.7	-	-	-	-
L2607997-06	IA-1	02658	Flow 4	02/12/26	555995		-	-	-	Pass	10.1	9.7	4
L2607997-06	IA-1	1696	6.0L Can	02/12/26	555995	L2607014-03	Pass	-29.0	-4.4	-	-	-	-
L2607997-07	IA-2	01924	Flow 4	02/12/26	555995		-	-	-	Pass	10.0	10.1	1
L2607997-07	IA-2	2906	6.0L Can	02/12/26	555995	L2607014-03	Pass	-29.0	-3.2	-	-	-	-
L2607997-08	IA-3	03173	Flow 4	02/12/26	555995		-	-	-	Pass	10.0	10.5	5

Project Name: 519671 GREAT BARRINGTON, MA

Lab Number: L2607997

Serial_No:03022616:55

Project Number: 519671

Report Date: 03/02/26

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controller Leak Chk	Flow Out mL/min	Flow In	% RPD
L2607997-08	IA-3	2389	6.0L Can	02/12/26	555995	L2607014-03	Pass	-29.0	-7.5	-	-	-	-
L2607997-09	AA-1	03091	Flow 4	02/12/26	555995		-	-	-	Pass	10.0	10.5	5
L2607997-09	AA-1	1859	6.0L Can	02/12/26	555995	L2607014-07	Pass	-29.0	-4.9	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/09/26 20:33
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-03

Date Collected: 02/07/26 18:00

Client ID: CAN 953 SHELF 105

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	100		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/09/26 20:33
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-03
Client ID: CAN 953 SHELF 105
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-03

Date Collected: 02/07/26 18:00

Client ID: CAN 953 SHELF 105

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	92		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	96		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-04
Client ID: CAN 2233 SHELF 62
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/09/26 21:12
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-04
Client ID: CAN 2233 SHELF 62
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-04

Date Collected: 02/07/26 18:00

Client ID: CAN 2233 SHELF 62

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-04
Client ID: CAN 2233 SHELF 62
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-04

Date Collected: 02/07/26 18:00

Client ID: CAN 2233 SHELF 62

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	108		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-04
Client ID: CAN 2233 SHELF 62
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/09/26 21:12
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-04
Client ID: CAN 2233 SHELF 62
Sample Location:

Date Collected: 02/07/26 18:00
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-04

Date Collected: 02/07/26 18:00

Client ID: CAN 2233 SHELF 62

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	0.055	0.050	--	0.408	0.371	--		1
Naphthalene	0.076	0.050	--	0.398	0.262	--		1
1,2,3-Trichlorobenzene	0.079	0.050	--	0.586	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	103		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15
Analytical Date: 02/09/26 23:10
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	0.996	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-07

Date Collected: 02/09/26 13:29

Client ID: CAN 3599 SHELF 93

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air - Mansfield Air Lab								

Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds				
No Tentatively Identified Compounds				

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	104		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	103		60-140



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Analytical Method: 48,TO-15-SIM
Analytical Date: 02/09/26 23:10
Analyst: ONG

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.050	--	ND	0.349	--		1
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,3-Butadiene	ND	0.020	--	ND	0.044	--		1
Bromomethane	ND	0.020	--	ND	0.078	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
Acrolein	ND	0.050	--	ND	0.115	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.050	--	ND	0.281	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
Freon-113	ND	0.050	--	ND	0.383	--		1
trans-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Chloroform	ND	0.020	--	ND	0.098	--		1
1,2-Dichloroethane	ND	0.020	--	ND	0.081	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1



Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT

Lab Number: L2607014
Report Date: 03/02/26

Air Canister Certification Results

Lab ID: L2607014-07
Client ID: CAN 3599 SHELF 93
Sample Location:

Date Collected: 02/09/26 13:29
Date Received: 02/09/26
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1



Project Name: BATCH CANISTER CERTIFICATION**Lab Number:** L2607014**Project Number:** CANISTER QC BAT**Report Date:** 03/02/26**Air Canister Certification Results**

Lab ID: L2607014-07

Date Collected: 02/09/26 13:29

Client ID: CAN 3599 SHELF 93

Date Received: 02/09/26

Sample Location:

Field Prep: Not Specified

Sample Depth:

Parameter	ppbV			ug/m3			Qualifier	Dilution Factor
	Results	RL	MDL	Results	RL	MDL		
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	97		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	99		60-140



Project Name: 519671 GREAT BARRINGTON, MA**Lab Number:** L2607997**Project Number:** 519671**Report Date:** 03/02/26**Sample Receipt and Container Information**

Were project specific reporting limits specified?

YES

Cooler Information**Cooler** **Custody Seal**

N/A Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2607997-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15(30)
L2607997-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15(30)
L2607997-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15(30)
L2607997-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15(30)
L2607997-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15(30)
L2607997-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)
L2607997-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2607997-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CANCELLED()
L2607997-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		MCP-TO15-SIM(30)

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

GLOSSARY

Acronyms

DL	- Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EMPC	- Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LOD	- Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
LOQ	- Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.) Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NDPA/DPA	- N-Nitrosodiphenylamine/Diphenylamine.
NI	- Not Ignitable.
NP	- Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.
NR	- No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.
STLP	- Semi-dynamic Tank Leaching Procedure per EPA Method 1315.
TEF	- Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.
TEQ	- Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.
TIC	- Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

Footnotes

- 1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Chlordane: The target compound Chlordane (CAS No. 57-74-9) is reported for GC ECD analyses. Per EPA, this compound "refers to a mixture of chlordane isomers, other chlorinated hydrocarbons and numerous other components." (Reference: USEPA Toxicological Review of Chlordane, In Support of Summary Information on the Integrated Risk Information System (IRIS), December 1997.)

Difference: With respect to Total Oxidizable Precursor (TOP) Assay analysis, the difference is defined as the Post-Treatment value minus the Pre-Treatment value.

Final pH: As it pertains to Sample Receipt & Container Information section of the report, Final pH reflects pH of container determined after adjustment at the laboratory, if applicable. If no adjustment required, value reflects Initial pH.

Frozen Date/Time: With respect to Volatile Organics in soil, Frozen Date/Time reflects the date/time at which associated Reagent Water-preserved vials were initially frozen. Note: If frozen date/time is beyond 48 hours from sample collection, value will be reflected in 'bold'.

Gasoline Range Organics (GRO): Gasoline Range Organics (GRO) results include all chromatographic peaks eluting from Methyl tert butyl ether through Naphthalene, with the exception of GRO analysis in support of State of Ohio programs, which includes all chromatographic peaks eluting from Hexane through Dodecane.

Initial pH: As it pertains to Sample Receipt & Container Information section of the report, Initial pH reflects pH of container determined upon receipt, if applicable.

PAH Total: With respect to Alkylated PAH analyses, the 'PAHs, Total' result is defined as the summation of results for all or a subset of the following compounds: Naphthalene, C1-C4 Naphthalenes, 2-Methylnaphthalene, 1-Methylnaphthalene, Biphenyl, Acenaphthylene, Acenaphthene, Fluorene, C1-C3 Fluorenes, Phenanthrene, C1-C4 Phenanthrenes/Anthracenes, Anthracene, Fluoranthene, Pyrene, C1-C4 Fluoranthenes/Pyrenes, Benz(a)anthracene, Chrysene, C1-C4 Chrysenes, Benzo(b)fluoranthene, Benzo(j)+(k)fluoranthene, Benzo(e)pyrene, Benzo(a)pyrene, Perylene, Indeno(1,2,3-cd)pyrene, Dibenz(ah)+(ac)anthracene, Benzo(g,h,i)perylene. If a 'Total' result is requested, the results of its individual components will also be reported.

PFAS Total: With respect to PFAS analyses, the 'PFAS, Total (5)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA and PFOS. In addition, the 'PFAS, Total (6)' result is defined as the summation of results for: PFHpA, PFHxS, PFOA, PFNA, PFDA and PFOS. For MassDEP DW compliance analysis only, the 'PFAS, Total (6)' result is defined as the summation of results at or above the RL. Note: If a 'Total' result is requested, the results of its individual components will also be reported.

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Data Qualifiers

- A** - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.
- B** - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
- C** - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
- D** - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
- E** - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.
- F** - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.
- G** - The concentration may be biased high due to matrix interferences (i.e. co-elution) with non-target compound(s). The result should be considered estimated.
- H** - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.
- I** - The lower value for the two columns has been reported due to obvious interference.
- J** - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
- M** - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

Report Format: Data Usability Report



Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

Data Qualifiers

- ND** - Not detected at the reporting limit (RL) for the sample.
- NJ** - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.
- P** - The RPD between the results for the two columns exceeds the method-specified criteria.
- Q** - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)
- R** - Analytical results are from sample re-analysis.
- RE** - Analytical results are from sample re-extraction.
- S** - Analytical results are from modified screening analysis.
- V** - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)
- Z** - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: 519671 GREAT BARRINGTON, MA
Project Number: 519671

Lab Number: L2607997
Report Date: 03/02/26

REFERENCES

- 101 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air (EPA/625/R-96/010b:January 1999) with QC Requirements & Performance Standards for the Analysis of TO-15 under the Massachusetts Contingency Plan, WSC-CAM-IXB, July 2010.

LIMITATION OF LIABILITIES

Pace Analytical Services performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Pace Analytical Services shall be to re-perform the work at it's own expense. In no event shall Pace Analytical Services be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Pace Analytical Services.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.



ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

Certification Information

The following analytes are not included in our Primary NELAP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

EPA 624.1: m/p-xylene, o-xylene, Naphthalene

EPA 625.1: alpha-Terpineol

EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.

EPA 8270E: NPW: Dimethylnaphthalene, 1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene, 1,4-Diphenylhydrazine.

SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO₂, NO₃.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

SM 2540D: TSS.

Biological Tissue Matrix: EPA 3050B

PAS-MAN1 Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048

EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene,

3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

MADEP-APH.

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

EPA 524.2: 1,3,5-Trichlorobenzene, m/p-Xylene, o-xylene.

EPA 625.1: 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, N-Nitrosodiphenylamine.

EPA 8081B NPW and SCM: Alachlor, Endrin Ketone, Hexachlorobenzene.

EPA 8260D NPW: Tetrahydrofuran, 1,3,5-Trichlorobenzene; **SCM:** TAME, TBEE, Diethyl ether, DIPE, Tetrahydrofuran, 1,3,5-Trichlorobenzene, Freon-113.

EPA 8270E: **NPW:** Carbazole, 1-Methylnaphthalene, Pentachloronitrobenzene; **SCM:** Carbazole, 1-Methylnaphthalene.

EPA TO-13: Air: Benzo(e)pyrene, 1-Methylnaphthalene, 2-Methylnaphthalene, Perylene.

EPA TO-4A Pesticide Air: delta-BHC, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Endrin Ketone, Hexachlorobenzene, Methoxychlor.

SM4500: **NPW:** Amenable Cyanide; **SCM:** Total Phosphorus, TKN, NH₃, NECi: NO₂, NO₃, ASTMD516.

The following test method is not included in our New Jersey Secondary NELAP Scope of Accreditation:

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

The following analytes are included in our Massachusetts DEP Scope of Accreditation:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water

EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2:** Nitrate-N, Nitrite-N; **SM4500NO3-F:** Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE,**

EPA 180.1, SM2130B, SM4500CI-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B

EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, SM9222D.**

Non-Potable Water

SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1:**

Ammonia-N, **LACHAT 10-107-06-1-B:** Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2:** Nitrate-N, **SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-G, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300:** Chloride, Sulfate, Nitrate.

EPA 624.1: Volatile Halocarbons & Aromatics,

EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs

EPA 625.1: SVOC (Acid/Base/Neutral Extractables).

Microbiology: **SM9223B-Colilert-QT; Enterolert-QT.**

ENV-FORM-WES2-0065 v02 Certificate/Approval Program Summary

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

Drinking Water

EPA 200.7: Al, Ba, Cd, Cr, Cu, Fe, Mn, Ni, Na, Ag, Ca, Zn. **EPA 200.8:** Al, Sb, As, Ba, Be, Cd, Cr, Cu, Pb, Mn, Ni, Se, Ag, TL, Zn. **EPA 245.1** Hg. **EPA 522, EPA 537.1.**

Non-Potable Water

EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.

EPA 200.8: Al, Sb, As, Be, Cd, Ca, Cr, Cu, Fe, Pb, Mg, Mn, Ni, K, Se, Ag, Na, TL, Zn.

EPA 245.1: Hg. **EPA 245.7:** Hg.

SM2340B

PAS-ELON East Longmeadow Facility – 39 Spruce Street East Longmeadow, MA 01028

Drinking Water

EPA 300.0: NO₃, NO₂, FI, Cl, SO₄. **NECI Reductase:** NO₃, NO₂.

SM4500F-C, SM4500CI-B, ASTM D516, SM4500CN-C,E, EPA 180.1, SM2320B, SM 2540C, SM4500H-B, SM4500SO4-E.

EPA 537.1; EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.

Microbiology: SM9223-P/A: TC/EC; SM9223B-Colilert-enumeration: TC/EC; HPC-Simplate.

Non-Potable Water

SM4500H-B, SM2510B, SM2540C, SM2320B, SM4500CI-B, ASTMD516, SM4500NH3-B, C, EPA 350.1, NECI: NO₃, SM4500NH3-B, C: TKN, SM4500P-E: Ortho Phosphate, SM4500P-B, E: Total Phosphorus, EPA 410.4, SM5210B, SM5310C, SM4500CN-C, E, SM2540D, SM4500CI-G, SM4500SO4-E, EPA 1664, EPA 420.1, EPA 300.0: Cl, SO₄, NO₃.

EPA 624.1: Volatile Halocarbons, Volatile Aromatics.

EPA 608.3: Chlordane, Toxaphene, Aldrin, Alpha-BHC, Beta-BHC, Gamma-BHC, Delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan Sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs.

EPA 625.1: SVOC-Acid Extractables and Base/Neutrals

Microbiology: SM9223B-Colilert: E. coli (Ambient and Wastewater), **SM9223B-Colilert-18:** Fecal Coliform (Wastewater).

Certification IDs:

PAS-WES2 Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

CT PH-0826, IL 200077, IN C-MA-03, KY KY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195.

PAS-MANS Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, CA 3117, CO MA00030, CT PH-0825, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME MA00030, MD 350, MA M-MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, UT MA00030, VT VT-0015, VA 460194, WA C954.

PAS-MAN1 Mansfield Air Lab Facility – 120 Forbes Blvd. Mansfield, MA 02048

ANAB/DoD L2474, LA 245052, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

PAS-ELON East Longmeadow Facility – 39 Spruce St. East Longmeadow, MA 01028

CT PH-0821, ME MA00100, MI 9100, NC (DENR) 652, NC (DW) 25703, MA M-MA100, NH (Secondary) 2516, NH (Primary) 2557, NJ MA007, NY 10899, PA 68-05812, RI LAO00373, VA 460217, VT-255716, WV DEP 419, WV-DW 9979C, LA 05130, LA-DW LA042, MD-DW 373, OH 87781.

For a complete listing of analytes and methods, please contact your Project Manager.



AIR ANALYSIS

CHAIN OF CUSTODY

PAGE _____ OF _____

Date Rec'd in Lab: 02/13/26

Pace® Job #: L2607997

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Client Information

Client: AEI Consultants

Address: 20 Gibson Place Suite 310
Freehold, NJ 07728

Phone: 646-444-8453

Fax:

Email: s.alke@aeiconsultants.com

☐ These samples have been previously analyzed by Pace

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

Project Information

Project Name: 519671 Great Barrington, MA

Project Location: 519671 Great Barrington, MA

Project #: 519671

Project Manager:

Pace® Quote #:

Turn-Around Time

☐ Standard☐ RUSH (only confirmed if pre-approved)

Date Due:

Time:

Report Information - Data Deliverables

☐ FAX☐ ADEx

Criteria Checker:

(Default based on Regulatory Criteria Indicated)

Other Formats:

☐ EMAIL (standard pdf report)☐ Additional Deliverables:

Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info

PO #:

Regulatory Requirements/Report Limits

State/Fed

Program

Res / Comm

ANALYSIS

TO-15
TO-15 SIM
APH
Fixed Gases
Sulfides & Mercaptans by TO-15

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION						Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 S	APH	Fixed C	Sulfides		Sample Comments (i.e. PID)
		End Date	Start Time	End Time	Initial Vacuum	Final Vacuum													
0997-01	SV-1	2/12/26	11:30	11:45	-29.17	-4.85	SV	SA	2.7L	2704	481	X							
-02	SS-1		13:30	13:45	-28.72	-4.46	SV	SA	2.7L	3170	2852	X							
-03	SS-2		12:30	12:45	-29.72	-4.70	SV	SA	2.7L	2223	2159	X							
-04	SS-3		14:00	14:15	-29.17	-3.11	SV	SA	2.7L	501	644	X							
-05	SS-4		14:30	14:45	-28.97	-4.05	SV	SA	2.7L	245	3007	X							
-06	IA-1		9:00	16:30	-30.26	-4.57	AA	SA	6L	1646	2658	H							
-07	IA-2		9:00	16:20	-24.87	-2.33	AA	SA	6L	2406	1924	H							
-08	IA-3		9:00	16:20	-24.72	-6.09	AA	SA	6L	2389	3173	H							
-09	AA-1		9:00	16:20	-24.44	-5.01	AA	SA	6L	1454	3091	H							

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Relinquished By:

Date/Time

Received By:

Date/Time:

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.



Sample Delivery Group Form

Laboratory Job number: L2607997

Project Number: 519671

Project Name: 519671 GREAT BARRINGTON, MA

Received: 02/12/2026 16:21

Client Account: AEI Consultants

Received by: IAQBR

Samples Delivered by:

Call Tracker #

Bill Of Laden N/A

Trackingnum

Coc Present Present

Container Status Intact

Sample IDs

All Containers Accounted For? Yes

Were Extra Samples Received? No

Do Sample Labels and COC agree? Yes

Are Samples in Appropriate Containers? Yes

Are Samples Received within Holding time? Yes

pH of Samples upon Receipt

Are samples Properly Preserved? Yes

Initial pH preserved in house with

Final pH

Other Issues

Chlorine Check N/A

Are VOA/VPV Vials Present? No

Aqueous: Do Vials Contain Head Space? N/A

Soils: Is MeOH Covering the Soil? N/A

Reagent H2O Preserved vials Frozen on N/A

Frozen by Client N/A

Cooler	Seal	Ice Present	Blue Ice Present	Temp. (Celsius)	Frozen upon Receipt	Delivered Direct from Site
N/A		No	No	-	No	No