PREPARED FOR

Corrective Action Construction Completion Report

Former Energizer Manufacturing Facility, Bennington, Vermont

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ACRONYMS AND ABBREVIATIONS

Acronym	Description
ACMs	Asbestos Containing Materials
ASTM	American Society for Testing and Materials
CAP	Correction Action Plan
CCR	Construction Completion Report
Energizer	Energizer Holdings, Inc.
ERM	Environmental Resources Management, Inc.
in H2O	Inches of Water Column
IRule	Investigation and Remediation of Contaminated Properties Rule
LBPs	Lead-Based Paints
LTM	Long-Term Monitoring
µg/m^3	Microgram per Cubic Meter
mg/Kg	Milligram per Kilogram
PCBs	Polychlorinated Biphenyls
PCE	Tetrachloroethylene
psi	Pounds per Square Inch
PVC	Polyvinyl Chloride
QA/QC	Quality Assurance/Quality Control
RES	Remediation Equipment & Services LLC
RL	Reporting Limit
ROI	Radius of Influence
scfm	Standard Cubic Feet per Minute
SSD	Sub-Slab Depressurization
TCE	Trichloroethylene
VI	Vapor Intrusion
VIMS	Vapor Intrusion Mitigation System
VOC	Volatile Organic Compound
VTDEC	Vermont Department of Environmental Conservation

1. INTRODUCTION

On behalf of Energizer Holdings, Inc. (Energizer), Environmental Resources Management, Inc. (ERM) has prepared this Corrective Action Construction Completion Report (CCR) to document the construction and startup of the Vapor Intrusion Mitigation System (VIMS) at the facility located at 401 Gage Street, Bennington, Vermont (the Site). The Site is regulated by the Vermont Department of Environmental Conservation (VTDEC) under Site Number 2006-3509. The VIMS includes 11 sub-slab depressurization (SSD) systems that each include a blower package and a network of below concrete slab suction points and two areas of an above concrete slab vapor barrier.

The VIMS was installed in accordance with the Vapor Intrusion (VI) Supplemental Corrective Action Plan (CAP), dated 08 July 2024, which was approved by VTDEC on 09 August 2024. Construction activities were conducted in general conformance with the approved VI Supplement CAP and in alignment with the requirements outlined in VTDEC's Investigation and Remediation of Contaminated Properties Rule (IRule), §35-608.

This CCR, along with its supporting attachments, provides a comprehensive summary of the VIMS implementation, including:

- Construction activities,
- "As-Built" conditions,
- Design modifications made during construction,
- Quality assurance/quality control (QA/QC) procedures,
- Institutional Controls,
- VIMS Operations,
- Future Work & Considerations, and
- Compliance with the VI Supplemental CAP.

The activities described in this report were carried out between 17 March 2025 and 30 October 2025.

Comprehensive information regarding the project site; including its history, background, conceptual site model, VIMS design basis, and other pertinent details; is provided in the VI Supplemental Corrective Action Plan (ERM, 2024). These elements are not repeated in this report to maintain clarity and brevity.

1.1 CORRECTIVE ACTION OBJECTIVES & MITIGATIONS

The objective of the corrective action is to mitigate the potential effect of impacted soil gas to sensitive receptors via indoor air based on the non-residential standards in Appendix A, §35-APX-A2 (IRule). As described in the VI Supplemental CAP the future use of the Site is currently planned to be non-residential. The VIMS was constructed with the Target Zone of Influence delineated based on the indoor air exceedances of the non-residential standard listed in Appendix A, §35-APX-A2 (IRule). If the future use of the Site deviates from non-residential to residential,

the owner of the property at that time will need to reevaluate the current risk of vapor intrusion by comparing current analytical results to the current IRule residential standards. The VIMS may require upgrade and/or expansion by adding additional suction points and/or vacuum blowers to meet the IRule residential standards.

Soil gas and indoor air impacts were identified during previous environmental investigations. The corrective action objectives were mitigated by:

- The installation and startup of the VIMS (11 sub-slab depressurization systems through portions of Plant 1 and Plant 2; a retrofit vapor barrier in a portion of Plant 1); and
- Establishing institutional controls to limit future activities.

To continue to mitigate the impact of sensitive receptors, the following will be completed:

- Continuous operation of the VIMS including ongoing monitoring to evaluate the effectiveness;
- Routine inspections to evaluate the condition of the retrofit vapor barrier in a portion of Plant 1; and
- Filing of the Institution Control Plan with the Land Record Office to restrict the use of the Site to non-residential only.

2. CORRECTIVE ACTION IMPLEMENTATION

On behalf of Energizer, ERM has retained Remediation Equipment & Services LLC (RES) to provide all labor, equipment, and requisite materials to complete the construction of the VIMS. Their selection was the result of a competitive bidding process. RES hired additional specialty subcontractors to perform appurtenant tasks. Those subcontractors include:

- Roofer: Doxsee Company, LLC
- General Laborer: Coventry Environmental Inc.
- Electrician: Comalli Group Inc.
- Vapor Barrier Installer: Clean Vapor Newco, LLC
- Concrete Testing: Advance Testing Company, Inc.

Ground Penetrating Radar Services, Inc., was retained by ERM to conduct sub-surface utility clearance. During implementation, ERM provided construction management and quality assurance oversight of the project. The subsections below detail the sequence and scope of work of the implementation of the VI Supplemental CAP.

2.1 SEQUENCE & TIMELINE

Construction activities were completed in three primary phases between March 2025 and October 2025. The complete chronology of work activities is summarized below. Photographs from construction activities are provided in **Appendix A**.

Duration	Task
Pre-Construction	
17 March to 28 April 2025	Initial Subsurface Utility Clearance
19 March to 21 March 2025	Limited Building Survey
Construction	
28 April to 11 June 2025	Suction Point Installation
02 May to 19 May 2025	Installation of Performance Monitoring Points
14 May 2025	Waste Characterization Sampling
16 June to 21 July 2025	Above Grade Piping & Discharge Stack Installation
30 June 2025	Waste Transportation & Disposal
07 July to 02 September 2025	Electrical Supply Installation
14 July 2025 to 25 August 2025	Off Site Blower Skid Fabrication
22 July to 12 August 2025	Retrofit Vapor Barrier Installation
30 July to 13 August 2025	Target Zone 1 Moisture Separator & Pump Installation
06 August to 07 August 2025	Sealing Existing Sumps
19 August to 21 August 2025	VIMS Blower Skids Factory Acceptance Testing
25 August to 29 August 2025	VIMS Blower Skid Placement, Connections, & Roof Work (Above Grade Exterior Piping, Roof Penetration Repairs)
29 August to 09 September 2025	Pipe Testing

Duration	Task
Post-Construction (VIMS Startup and Operations)	
02 September 2025	VIMS Startup
08 September to 12 September 2025	VIMS Initial Readings
10 October 2025	Completion of Basement Water Level Transmitters
29 September to 01 October 2025	VIMS Month 1 O&M Readings
28 October 2025	Confirmatory Indoor Air Sampling
29 October to 30 October 2025	VIMS Month 2 O&M Readings

2.2 CONSTRUCTION PERMITS & COORDINATION

The construction of the VIMS required coordination with both the Town of Bennington and the state of Vermont for maintaining compliance with applicable building, safety, and occupancy regulations. The following permits and inspections were obtained and completed as part of the VIMS construction:

- Town of Bennington Building Permit #25-024 was issued on 24 March 2025 and closed on 05 September 2025.
  - The Building Permit was posted on the entrance doors of Plant 1 during construction activities.
- Vermont Department of Public Safety, Division of Fire Safety issued the Electrical Work Notice on 03 July 2025.
- Town of Bennington Certificate of Occupancy/Permit #25-024 was issued on 05 September 2025.
- Town of Bennington Fire Prevention Inspection was completed on 05 September 2025.

All relevant documentation is provided in **Appendix B**.

2.3 PRE-CONSTRUCTION

2.3.1 SUBSURFACE CLEARANCE

Prior to ground disturbance, subsurface clearance was conducted to identify and document underground features within the proposed work areas, including 80 suction points, below-grade piping, level transmitters, and monitoring points. In compliance with Vermont State law, DIG System, Inc. was notified to locate and mark public subsurface utilities.

2.3.2 LIMITED REGULATED BUILDING MATERIALS SURVEY

Prior to construction activities, ERM conducted a limited regulated building materials survey evaluating the presence of asbestos-containing materials (ACMs), lead-based paints (LBPs), and polychlorinated biphenyls (PCBs) in areas potentially impacted by VIMS construction activities. The assessment focused only on locations subject to disturbance, such as roof penetrations, interior walls, and ceilings within Plant 1 and Plant 2. The key findings include:

- Twelve (12) samples of materials suspected of containing asbestos were reported to contain greater than 1 percent asbestos,

- Three (3) samples of materials suspected of containing lead were reported to contain less than 5,000 mg/Kg of lead, and
- One (1) sample of materials suspected of containing PCBs were reported to contain greater than 1 mg/Kg (milligram per kilogram), but less than 50 mg/Kg.

Based on the limited locations of known ACMs, the VIMS construction disturbance area were slightly adjusted to avoid the ACMs material and eliminate the need for asbestos abatement as part of the VIMS construction. Additionally, the results of limited regulated building materials survey were kept on Site and briefed with all personnel prior to conducting work tasks. More comprehensive details regarding the limited regulated building materials survey are included in a summary memorandum which is provided in **Appendix C**.

2.4 SUCTIONS POINTS, PIPING, & VAPOR PIN MONITORING POINTS

In general, the suction points, piping, and vapor pin monitoring point locations were installed as detailed in the VI Supplemental CAP, except for the deviations noted in Section 3 of this CCR. The as-built conditions are shown in **Appendix D**. The summary below outlines the number of suction points and vapor pin monitoring points per building:

- Plant 1 Basement (Target Zone 1)
  - 12, Type 1 suction points
  - 3, Type 2 suction points
  - 3, vapor monitoring points (vapor pins)
- Plant 1 Main Floor (Target Zone 2 through 10)
  - 49, Type 1 suction points
  - 11, Type 2 suction points
  - 12, vapor monitoring points (2 vapor pin locations were existing)
- Plant 2 Main Floor (Target Zone 11)
  - 5, Type 2 suction points
  - 1, vapor monitoring point (2 vapor pin locations were existing)

The Type 1 suction points were installed by core drilling through the existing concrete slab. The void was hand dug, a perforated screen water inserted into the annular space, and backfilled with 3/4-inch stone. Following the suction point installation, the suction point core was sealed with concrete. The Type 2 suction points were installed by saw cutting and removing the existing concrete slab and soils with a mini excavator. A 2-foot by 2-foot by 1-foot steel cage was installed within the excavation and a below grade conveyance pipe was installed from the steel cage to the daylight point. The suction point and trench was backfilled with 3/4-inch stone, and a layer of poly sheeting was added above the stone layer. #4 rebar was installed at 1-foot on-center spacing and doweled into the existing concrete slab with concrete epoxy. 4,000 pounds per square inch (psi) concrete was then installed above the suction point and within the trench to the same thickness as the concrete slab.

Each of the suction points within the SSD zone manifold together to a single header pipe at above grade within the Plant 1 and Plant 2. The above grade piping was installed utilizing aerial lifts in Plant 1 Main Floor and Plant 2 Main Floor. The pipe sizing varies based on the number of suction points connected to the header pipe and anticipated air flow based on the SSD pilot study results. Pipe penetrations through fire rated walls were sealed with grout or fire rated material by RES. Exterior roof penetrations were sealed by Doxsee Company, LLC to match the existing roof material. Due to the building layout and piping configurations, ten sections of the conveyance piping had low elevations and therefore, manual condensate drains were installed. The locations are shown in **Appendix D**.

The vapor monitoring locations were installed with a hammer drill in general conformance with the manufacturer's installation instructions.

2.5 SSD EQUIPMENT

The fabrication of the 11 SSD blower skids was completed at RES's facility in Royersford, Pennsylvania which included the assembly of the blower skids and control panels. The blower skids were transported to Site and lifted on the Plant 1 and Plant 2 roof with a lull or a crane with the blowers being placed in the correct location with an equipment cart. In general, the SSD blower skids were constructed in accordance with the design, except for the deviations noted in Section 3 of this CCR. A moisture separator and pump for condensate management was installed within the basement of Plant 1 as part of the Zone 1 VIMS. The as-built conditions are shown in **Appendix D**.

2.5.1 ELECTRIC

The power supply for the 11 SSD blower skids is sourced through the existing Plant's power. Electrical conduits were installed from six existing electrical panels above grade to the roof penetrations and then to the electrical discount on the 11 SSD blower skids. Doxsee Company, LLC sealed exterior roof penetrations to match the existing roof material. Comalli Group Inc. completed the electrical connections. In general, electrical supply was constructed in accordance with the design, except for the deviations noted in Section 3 of this CCR. The as-built conditions are shown in **Appendix D**.

2.5.2 TELEMETRY

The SSD systems are equipped with an automated daily email to provide the operator with readings of the primary operating values. The SSD system also provides an automated email alarm to notify the operator when the SSD system(s) is in alarm or shutdown when set points are exceeded, or when a power failure occurs. A summary of the control narrative is included in **Appendix D**. The SSD systems have remote access to allow the operator to review the SSD system(s) status in real time. The Plant 1 SSD systems are connected to operate from the master control panel (Zone 4) by communication wires which were installed in conduit throughout the footprint of the Plant 1 roof as shown in **Appendix D**.

2.6 VAPOR BARRIER

An above concrete slab or "retrofit" vapor barrier was installed within the two former vault storage locations in Plant 1 Main Floor as shown in **Appendix D**. Prior to the installation, the non-structural wall within the south vault was removed and a concrete repair was completed to allow for proper installation of the retrofit vapor barrier. No deviations were made from the design for the vapor barrier installation.

2.7 CONCRETE REPAIRS & SUMP SEALING

Within the areas of the VIMS design target zone of influence, potential vapor intrusion pathways through visually impaired concrete were repaired with concrete polyurethane-based sealant. Smoke testing during the SSD system operation was also conducted to check for impaired areas. Any areas of leaks detected (smoke being pulled through the impaired area) during the smoke test were sealed and re-tested. In the Plant 1 Basement, two existing sumps were sealed with custom fabricated metal plates and smoke tested during the SSD system operation.

2.8 SOIL MANAGEMENT & WASTE DISPOSAL

VTDEC was notified via email two weeks prior to the commencement of soil disturbance activities (14 April 2025). The waste streams generated during VIMS construction include concrete, soil, and general construction waste. No soil or concrete waste demonstrated an odor, discoloration, or any other observed evidence of contamination.

During VIMS construction, the concrete and soil waste were temporarily stockpiled next to the below grade pipe trenches on a 6-mil polyethylene plastic liner. The soil and concrete was sampled for characterization based on the disposal facility requirements. The soil and concrete were determined to be non-hazardous. Following characterization, the stockpiles were then transferred into roll off containers (lined with 6-mil polyethylene plastic liner). The soil and concrete were commingled and disposed of as a single waste stream. A total of 35.21 tons of soil and concrete were transported by Casella Waste Systems, Inc. to Casella Waste Systems, Inc. landfill in Coventry, Vermont. The VIMS waste documentation is provided in **Appendix E**.

3. CONSTRUCTION MODIFICATIONS

Construction modifications were implemented during the VIMS construction to address actual building conditions and operations to improve the implementation and function of the overall VIMS. The modifications align with the objectives outlined in the approved VI Supplemental CAP and are described in detail below.

3.1 PILOT STUDY – DESIGN TARGET ZONES 8 & 9

As described in the VI Supplemental CAP, a small radius of influence (ROI) was estimated in Design Target Zones 8 and 9 in the initial pilot study, therefore, an additional pilot study was conducted in these areas prior to installing the VIMS construction with the objective to reduce the amount of required suction points. In June 2024, ERM subcontracted RES to conduct a pilot study test throughout the footprint of Design Target Zones 8 and 9. In summary, four temporary suction points were installed with a transects of monitoring points in four directions (north, south, east, and west) extending varying distances based on the subsurface features. The number of tests run at each transect ranged from four through six. The initial pilot study conducted by Obar Systems, Inc. determined the following parameters for Design Target Zones 8 and 9:

- Design Target Zone 8
  - Number of Suction Points: 16
  - Applied Vacuum: inches of water column (in H2O)
  - Flowrate: 40 standard cubic feet per minute (scfm) (per suction point)/ 640 scfm (total)
  - ROI: 15 feet
- Design Target Zone 9
  - Number of Suction Points: 18
  - Applied Vacuum: 50 in H2O
  - Flowrate: 40 scfm (per suction point)/ 720 scfm (total)
  - ROI: 15 feet

The June 2024 pilot study conducted by RES determined the following parameters for Design Target Zones 8 and 9:

- Design Target Zone 8
  - Number of Suction Points: 9
  - Applied Vacuum: 50 in H2O
  - Flowrate: 26 – 45 scfm (per suction point)/ 234-405 scfm (total)
  - ROI: 25 feet
- Design Target Zone 9
  - Number of Suction Points: 5
  - Applied Vacuum: 50 in H2O
  - Flowrate: 25 scfm (per suction point)/ 125 scfm (total)
  - ROI: 25 feet

The pilot study data from June 2024 and the locations of the transects are included in **Appendix F**. Based on the results of the June 2024 pilot study, the number and locations of suction points, pathway of conveyance piping, and blower sizing was revised for Target Zone 8 and 9 during the VIMS construction. The as-built locations of the Target Zone 8 and 9 suction points are shown in **Appendix D**.

3.2 BLOWER MAKE & MODELS

The 11 VIMS blowers were adjusted from the design specification due to lead time constraints. The selected blowers meet or exceeded the design total differential pressure and flowrate requirements; however, manufacturer of the blowers was changed from Airtech Vacuum Inc. to Republic Manufacturing. The as-built make and models are included in **Appendix D**.

3.3 SUCTION POINT CONSTRUCTION

Suction Point Type

Based on subsurface or above grade constraints, the following suction point types were modified:

- 1-8, 5-1, 5-2, 5-3, 5-5, and 5-6 were changed from a Type 2 to Type 1
- 1-10 was changed from a Type 1 to Type 2

Type 1 Suction Point Screen & Stone

To limit concrete settlement within the void for the Type 1 suction point, a Schedule 40 polyvinyl chloride (PVC) 0.020, 3/16-inch spaced slotted pipe with a cap on the bottom was installed below the thickness of the concrete slab. The annular space around the screen was backfilled with 3/4-inch clean stone prior to concrete placement.

Type 2 Suction Point Backfill

The design for the Type 2 suction points included reuse of existing stone and soil as backfill except for the aggregate to be installed around the suction point metal cage. During excavation, large river rock was discovered with the existing soil and no layer of existing stone below the concrete slab. The backfill for the Type 2 suction points was modified to 3/4-inch clean stone. A six ounce per square yard non-woven geotextile at the soil-stone interface prior to stone installation was installed. The 3/4-inch clean stone was compacted with a hand-tamper prior to the placement of a plastic sheeting layer, followed by rebar installation and concrete restoration.

Plant 1 Basement Vertical Risers

The Type 1 suction point vertical risers in the design were planned to be six feet. Due to the Plant 1 Basement ceiling height and conveyance piping constraints, the vertical risers were reduced to five feet. The valve and sample port locations were adjusted to the horizonal above grade piping based on field conditions to maintain straight pipe requirements for accurate flowrate measurements.

3.4 LOCATION & PIPE SIZE ADJUSTMENTS

Suction Points and Vapor Monitoring Points

Following subsurface clearance activities, multiple suction points and vapor monitoring point locations required to be slightly adjusted based on the subsurface conditions (i.e., presence of subsurface futures or concrete slab thickness). The locations were adjusted within a few feet of the design locations. The as-built locations are shown in **Appendix D**.

Above Grade Piping

The above grade piping layouts for the VIMS were adjusted in the field for efficiencies or based on ceiling obstructions or adjustments to the roof location of the blower skids. Additionally, some pipe sizes were adjusted from the design due to wall penetrations sizing restrictions. The as-built locations are shown in **Appendix D**.

Roof Features

The roof penetrations for the VIMS header pipe and electrical conduit were slightly adjusted from the design based on building constraints. The blower skid locations on the roof were slightly adjusted to accommodate the changes in the VIMS header pipe and electrical conduit roof penetration locations and for ample straight pipe required for the blower skid flow meter. The blower skid inlet pipe diameters were adjusted to meet the operating requirements of the flow meters. The as-built locations are shown in **Appendix D**.

Electrical

The power supply for SSD Zones 1, 3, 5, and 11 for the VIMS were adjusted in the field after evaluation from the electrician. Due to the adjustments of the power supply, the above grade conduit layout was also modified from the design. The power supply for the 11 SSD systems remained from the existing power supply within Plant 1 and Plant 2. The as-built locations are shown in **Appendix D**.

3.5 PLANT 1 BASEMENT LEVEL TRANSMITTERS

During the installation of the Plant 1 Basement suction points, groundwater was observed in an artesian condition after the concrete slab was cored at suction point 1-15 (i.e., groundwater flowed out of the hole in the concrete). The construction of suction point 1-15 was not modified from the design. This was discussed with VTDEC during their site visit during VIMS construction on 16 May 2025.

To optimize the operation of the Zone 1 SSD system, two level transmitters were installed below the concrete slab in the Plant 1 Basement to monitor the groundwater level. When a certain level of water is detected by the level transmitters, a warning email will be sent to the VIMS operator. Based on the water level, the operator can adjust the Zone 1 SSD system operation to limit the amount of groundwater accumulation. The location of the Plant 1 Basement level transmitters and conduit as well as the controls are shown in **Appendix D**.

4. CONSTRUCTION QUALITY ASSURANCE / QUALITY CONTROL

QA/QC measures were implemented as detailed in the VI Supplemental CAP. RES was responsible for the quality control of construction and for compliance with the construction documents, drawings and specifications and fulfilling applicable regulatory requirements. ERM was responsible for the quality assurance and conformance with the construction drawings, specifications, and the intent of the VI Supplemental CAP. QA/QC activities included the following:

- Throughout the construction, RES submitted documentation related to materials, equipment, training, testing, inspections, and plans to ERM for review and approval to confirm compliance with the VI Supplemental CAP. Prior to the use or implementation of any submitted items on Site, ERM conducted a compliance review to verify alignment with the approved submittals.
- Visual inspections were conducted by the ERM during VIMS construction activities to verify proper installation.
- RES conducted the required tests outlined in the technical specifications, either directly or using a subcontracted laboratory, and submitted the results to ERM to confirm compliance with the technical specifications.

Specific QA/QC activities are summarized in the subsections below.

4.1 CONCRETE

To confirm the concrete restoration for the suction points would not be compromised, the concrete was mixed with a consistency of a transit mix per American Society for Testing and Materials (ASTM) C94. Additionally, cylinders were cast and tested from the same mix of concrete used for the suction point restoration to confirm the concrete met a minimum 28-day compressive strength of 4,000 psi per ASTM C39. A total of three ASTM C39 tests were completed for the VIMS by Advance Testing Company, Inc. All results exceeded the minimum 28-day compressive strength of 4,000 psi. The ASTM C39 test results are included in **Appendix G**.

To reduce potential vapor intrusion pathways within the limits of the VIMS, during VIMS operation a smoke pen was used to evaluate areas where the existing concrete damage or concrete restoration seals were installed to determine if the induced vacuum pulled the smoke through the openings. Any areas that pulled the smoke through openings were sealed.

4.2 VAPOR MONITORING POINT

Following installation, the 16 vapor monitoring locations (vapor pins) locations were leak tested to confirm a tight seal between the vapor pin and the concrete slab. The leak test was performed using a water test in conformance with the vapor pin manufacturer. All 16 vapor pins passed the leak test. The vapor monitoring point leak testing results are included in **Appendix G**.

4.3 VAPOR BARRIER

Prior to the installation of the vapor barrier, the concrete surface was tested for pH, moisture vapor emission, and relative humidity in two locations for each of the former vault storage areas to confirm if the concrete surface was compatible with the vapor barrier materials. The pH was

within range of the recommended value for the concrete surface, however, based on the moisture vapor emission, the Geo-Seal EFC Primer MM was used as the primer.

During the vapor barrier installation, the thickness of the primer and topcoat were evaluated by the application rate per area. The topcoat thickness was also confirmed with a wet film thickness gauge. The vapor barrier QA/QC test results are included in **Appendix G**.

4.4 PIPING

Following the VIMS pipe installation, pipe pressure testing was conducted to confirm no leaks were present. From the blower inlet to the suction point gate values, the pressure pipe testing was conducted in accordance with the Technical Specifications. Smoke testing was utilized from the concrete slab to the gate valve for each suction point. Smoke was introduced around joints and fittings to verify whether negative pressure would draw the smoke into the VIMS, indicating potential leakage points. If any leaks were determined by the test, the pipe was resealed and retested until all testing was passed. The pressure pipe testing results are included in **Appendix G**.

4.5 BLOWER SKID

Prior to the shipment of the blower skids to the Site, ERM completed a factory acceptance testing on 19 August and 21 August 2025 at RES's facility in Royersford, Pennsylvania. The testing included a visual inspection to verify that the blower skid assemblies met the specified design requirements. Operational functionality of the master control panels for Target Zones 4 and 11 was also confirmed during this process.

Due to the space and power restrictions of the facility, full operational testing of all blowers and the complete control narrative could not be performed during the factory acceptance testing. These remaining tests were completed during on Site startup activities, following placement and installation of the blower skids. Any discrepancies were addressed and retested.

5. INSTITUTIONAL CONTROLS

The Site Institutional Control Plan was submitted to VTDEC on 21 November 2025 along with this CCR. Following the approval by VTDEC and prior to the sale of the Site, the Institutional Control Plan will be filed with the Land Record Office to restrict the use of the Site to non-residential only unless modifications to the VIMS is conducted under separate CAP approved by VTDEC.

6. VIMS OPERATIONS

Upon completion of the construction of the VIMS, SSD system startup commenced on 02 September 2025. The initial VIMS operational data, including air emissions and the Year 1 semi-annual indoor and outdoor air sampling, are described in the following subsections.

6.1 INITIAL OPERATIONAL DATA

The SSD blower skid flowrate, vacuum, and total VOC data from September through October 2025 is summarized in **Appendix H**. Pressure field monitoring was also collected from the vapor monitoring point locations using a digital manometer to measure the induced vacuum or differential pressure between below the concrete slab and indoor air. The field data collected from September through October 2025 is summarized in **Appendix H**. The pressure field measurements ranged from -8.697 to -0.020 in H2O at all vapor monitoring points, except VMP-3. VMP-3 is located in the basement of Plant 1 near the point where Morgan Brook Stream flows beneath the building. During construction, suction point 1-15 exhibited artesian conditions (i.e., groundwater flowed out of the hole in the concrete) explaining why positive pressure is observed at VMP-3. When a positive pressure is observed at VMP-3, the Zone 1 suction points are rebalanced on Site to achieve a vacuum of 0.008 in H2O. The positive pressure field reading is due to the groundwater in the subsurface in an artesian condition (under pressure). Based on the indoor air analytical results for IA-04 (indoor air location in the same area of VMP-3), only naphthalene is detected above the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule) which is further described in Section 6.3. The pressure field data and indoor air data will continue to be monitored.

From the VTDEC Vapor Intrusion Guidance (VTDEC, 2022), a negative pressure field of at least two pascals (0.008 in H2O) must be generated from between the indoor air and the subsurface under the building to prevent the risk of vapor intrusion. Based on the VTDEC Vapor Intrusion Guidance (VTDEC, 2022), the SSD systems are sufficient at providing a negative pressure field of at least two pascals (0.008 in H2O) at all VMP with exception to VMP-3 as discussed above.

6.2 AIR EMISSIONS

The VIMS is not designed with intent to remediate vapor from below the surface but rather provide a negative pressure under the concrete slab to limit vapor intrusion; however, there are air emissions associated with the VIMS operation. On 11 September 2025, grab samples were collected from each of the 11 SSD system discharge stacks to determine the actual air emissions. With the results, 11 SSD systems were then summed to calculate a total air emissions rate. Based on the sampling results, the air emission rate for the VIMS is 0.184 pounds/day of volatile organic compounds (VOCs) at the time of startup which is anticipated to be the highest air emission timeframe.

Additionally, each SSD system and the total air emission analytes were compared to the Action Levels provided by the Vermont Air Quality and Climate Division (AQCD) to determine if treatment is required as indicated in Section 3.3.1.d of the VTDEC's Vapor Intrusion Guidance (VTDEC, 2022). Neither the individual SSD systems nor the total air emission analytes exceeded the Action

Levels provided by the AQCD, therefore no vapor treatment is deemed necessary for the VIMS air emissions. The calculations and laboratory results are presented in **Appendix I**.

To continue to verify that the VIMS air emissions remain below the limits, routine total VOC field measurements will be collected with a photoionization detector at the discharge stacks. While significant deviations are not expected, if any observed change in VOC levels by an order of magnitude is observed, additional analytical data will be collected to evaluate actual emission rates.

6.3 INDOOR & OUTDOOR AIR SAMPLING

The Year One first semi-annual indoor and outdoor air sampling event was conducted on 28 October 2025. The sampling event was conducted consistently with the VIMS LTM Workplan (ERM, 2025). A total of 27, 8-hour summa canister samples were collected as described below:

- 25 indoor air samples (including 4 duplicates) inclusive of the following sub bullets:
  - 5 indoor air samples (including 1 duplicate) in the basement of Plant 1
  - 10 indoor air samples (including 1 duplicate) in the first floor of Plant 1
  - 6 indoor air samples (including 1 duplicate) in the first floor of Plant 2
  - 4 indoor air samples (including 1 duplicate) in the Boiler House Main Floor
- 2 outdoor air samples located upwind and downwind of the Site

The sample locations, summary results, and laboratory reports are included in **Appendix J**.

6.3.1 ANALYTICAL RESULTS

The indoor and outdoor air analytical results for October 2025 are presented in **Appendix J**. The indoor air results were compared to the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule). All analytes with the exception of naphthalene at six locations were below the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule). The naphthalene exceedance are discussed in Section 6.3.1.1. The following analytes were detected during the sampling event in indoor air but were below the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule).

- Benzene
- Carbon tetrachloride:
- Ethylbenzene
- Tetrachloroethene
- Trichloroethene
- 1,2,4-Trimethylbenzene
- 1,3,5-Trimethylbenzene

The downwind outdoor air sample (OA-01) had detections of the following analytes:

- Carbon tetrachloride
- 1,1-Dichloroethane

- 1,2,4-Trimethylbenzene

The upwind outdoor air sample (OA-02) had detections of the following analytes:

- Benzene
- Carbon tetrachloride
- Ethylbenzene
- 1,2,4-Trimethylbenzene

Based on the October 2025 indoor air sampling results, the VIMS appears effective in mitigating vapor intrusion for all sampled analytes other than naphthalene (see Section 6.3.1.1) to the non-residential standard. The outdoor air result suggests there may be background concentrations of carbon tetrachloride, 1,1-dichloroethane, 1,2,4-trimethylbenzene, benzene, and ethylbenzene.

The duplicate/parent sample relative percent difference for the analytes at IA-01 ranged from 0% to 11.5%, IA-09 ranged from 0.45% to 5.6%, IA-16 ranged from 0.20% to 5.25%, and IA-20 ranged from 0.50% to 6.35%. As detailed in the VIMS LTM Workplan (ERM, 2025), less than or equal to 50% relative percent difference will be accepted for duplicate samples. Therefore, the duplicate relative percent difference is acceptable for the October 2025 sampling event.

6.3.1.1 NAPHTHALENE INDOOR AIR EXEEDANCE

During the October 2025 sampling event, naphthalene was detected at levels that exceeded the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule) in IA-01 (and duplicate), IA-02, IA-03, IA-04, IA-08, and IA-09. IA-01 through IA-04 are located in the basement of Plant 1 and IA-08 and IA-09 are located approximately in the center of the main floor of Plant 1. Based on historic sampling data from Plant 1, naphthalene was only detected in one sub-slab vapor location but eight indoor air locations in 2023. From 2006 to 2024, 33 groundwater sample locations were analyzed for naphthalene over 21 different sampling events. The results were non-detect for naphthalene. Additionally, naphthalene was not included in the Site CAPs as a constituent of concern for or identified as a constituent of concern for vapor intrusion in the Evaluation of Corrective Action Alternatives (ERM, 2021) which have been limited to tetrachloroethene (PCE) and trichloroethene (TCE) for soil gas.

Naphthalene is a common compound found in pesticides, petroleum products, air fresheners, paints, and was used in older building construction materials. The Site has used #2 fuel oil in the past and the basement of Plant 1 was construction prior to the 1900s. Applications of naphthalene were common in building construction during 1850s – 1950s and naphthalene residues can remain in old wood, roofing felt, and tar coatings for decades. Potential sources of naphthalene for Plant 1 include:

- Roofing and Waterproofing
  - Composition roofing systems used coal tar as the waterproofing binder for felt layers. These systems became popular in the late 19th century and continued into the early 20th century for flat and low-slope roofs.
  - Coal tar pitch, rich in naphthalene, was applied to protect timber and masonry from moisture.

- Wood Preservation
  - Creosote (a coal tar distillate containing naphthalene) was widely used to treat structural timbers, foundations, and utility poles starting in the 1830s and continuing through the early 20th century.
- Industrial and Utility Buildings
  - Gasworks and related facilities often incorporated tar-based coatings for corrosion resistance. These coatings could leach naphthalene into surrounding materials.
- Former Clothing Operations On-Site
  - Naphthalene is common in mothballs and other insect deterring materials.
- Heating System
  - The Site is heated by a steam boiler that has been converted to operate with natural gas, but previous was operated with #2 fuel oil. The switch was in 2014. Naphthalene is a constituent of #2 fuel oil.

For the indoor air sampling locations with naphthalene exceedances, indoor air concentrations of PCE and TCE have decreased since VIMS operation began. Trends in pressure field measurements and analytical data for PCE and TCE collected in 2022 or 2023 (pre-VIMS) and 2025 (post-VIMS) for detected analytes are provided in **Appendix J** for IA-01, IA-03, IA-04, IA-08, and IA-09. At these locations, the concentrations of PCE and TCE in the indoor air have decreased below the non-residential indoor air standards listed in VTDEC Appendix A, §35-APX-A2 (IRule), indicating the VIMS is effective at providing a negative pressure under the building slab and mitigate vapor intrusion, supporting the justification that the naphthalene indoor air results are not based on vapor intrusion but rather from an indoor air source(s). The summarized findings include:

- IA-01
  - PCE decreased from 5.7 micrograms per cubic meter (µg/m^3) in 2022 to 0.305 µg/m^3 in 2025.
  - TCE decreased from 0.19 µg/m^3 in 2022 to non-detect [0.107 µg/m^3; reporting limit (RL)].
  - Since VIMS operation, the induced vacuum observed at VMP-1 ranged from 0.325 to 2.386 in H2O.
- IA-02
  - No pre-VIMS indoor air data is available at this location.
- IA-03
  - PCE decreased from 2.8 µg/m^3 in 2022 to 0.319 µg/m^3 in 2025.
  - TCE decreased from 0.19 µg/m^3 in 2022 to non-detect (0.107 µg/m^3 RL) in 2025.
  - Since VIMS operation, the induced vacuum observed at VMP-2 ranged from 0.028 to 1.358 in H2O.
- IA-04
  - PCE decreased from 8.82 µg/m^3 in 2023 to 1.67 µg/m^3 in 2025.
  - TCE remained generally the same in 2023 at 0.532 µg/m^3 compared to 0.537 µg/m^3 in 2025.

- Since VIMS operation, the induced vacuum observed at VMP-3 ranged from -0.042 to -1.126 in H2O. Additional details are included in Section 6.1.

- IA-08
  - PCE decreased from 0.96 µg/m^3 in 2022 to 0.62 µg/m^3 in 2025.
  - TCE decreased from 0.47 µg/m^3 in 2022 to 0.21 µg/m^3 in 2025.
  - Since VIMS operation, the induced vacuum observed at VMP-4 ranged from 0.259 to 0.331 in H2O.
- IA-09
  - PCE decreased from 0.72 µg/m^3 in 2022 to 0.393 µg/m^3 in 2025.
  - TCE decreased from 0.55 µg/m^3 in 2022 to 0.156 µg/m^3 in 2025.
  - Since VIMS operation, the induced vacuum observed at VMP-9 ranged from 0.020 to 0.741 in H2O.

Furthermore, The Georgia Department of Natural Resources, Environmental Protection Division Final Guidance for Evaluating the Vapor Intrusion Exposure Pathway (Georgia Department of Natural Resources, Environmental Protection Division, 2021) has identified naphthalene as a problematic vapor intrusion compound due to its use as insect repellent which can be detected in indoor air, crawlspace air, and soil gas. The guidance further notes that if naphthalene is detected in these media but absent in groundwater, it may originate from such sources.

The source of the indoor air exceedances of naphthalene are likely due to the building materials or the building's heating system given the pressure field monitoring has met or exceeded a negative pressure field of at least two pascals (0.008 in H2O) generated from between the indoor air and the subsurface under the building which VDTEC Vapor Intrusion Guidance (VTDEC, 2022) defines as the necessary induced vacuum required to prevent the risk of vapor intrusion. ERM, Energizer, and VTDEC discussed the indoor air sampling results, induced vacuum, and the potential indoor air sources naphthalene on 18 November 2025 through a virtual meeting. Based on the above multiple lines of evidence, VTDEC agreed that naphthalene is not a VI concern for the Site.

6.4 LONG TERM MONITORING PLAN MODIFICATIONS

The VIMS LTM Workplan (ERM, 2025) was approved by VTDEC on 02 October 2025, and no modifications are anticipated at this time.

7. FUTURE WORK & CONSIDERATIONS

The VIMS is expected to remain in operation for the foreseeable future. Currently, no additional work or further considerations are recommended beyond the ongoing VIMS LTM activities. Any future modifications or decommissioning of the VIMS will be conducted in accordance with the procedures outlined in the VIMS LTM Workplan (ERM, 2025).

8. CERTIFICATION

Signatures of the environmental professionals are included at the beginning of this document. Each signatory certifies under penalty of perjury to be an environmental professional and that all content contained within this deliverable is true and correct to the best of their knowledge.

9. REFERENCES

Georgia Department of Natural Resources, Environmental Protection Division. 2021. *Final Guidance for Evaluating the Vapor Intrusion Exposure Pathway*. August 2021.

ERM. 2021. *Evaluation of Corrective Action Alternatives*. July 2021.

ERM. 2024. *Supplemental Corrective Action Plan Vapor Intrusion*. July 2024.

ERM. 2025. *VIMS Long Term Monitoring Work Plan*. October 2025.

VTDEC. 2022. *Vapor Intrusion Guidance. Vermont Department of Environmental Conservation*. June 2022.

VTDEC. 2024. *Investigation and Remediation of Contaminated Properties Rule. Vermont Department of Environmental Conservation*. February 2024.

APPENDIX A PHOTO LOG

Appendix A Photo Log

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 1
Below-grade perforated piping for Type 1 Suction Point 8-B7 (Target Zone 8)



PHOTO 2
Metal cage for Type 2 Suction Point 1-6 (Target Zone 1)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 3
Below-grade metal cage and horizontal piping for Type 2 Suction Point 3B-5 (Target Zone 3)



PHOTO 4
Poly liner and rebar installed ahead of concrete repair for Type 2 Suction Point 6-5 (Target Zone 6)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 5
Type 1 Suction Point 8-B9 (Target Zone 8)



PHOTO 6
Type 2 Suction Point 1-4 (Target Zone 1)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 7
Overhead piping connections in Target Zone 6



PHOTO 8
Condensate drain 6-1 (Target Zone 6)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 9
Moisture separator tank located in Target Zone 1 (Plant 1 Basement)

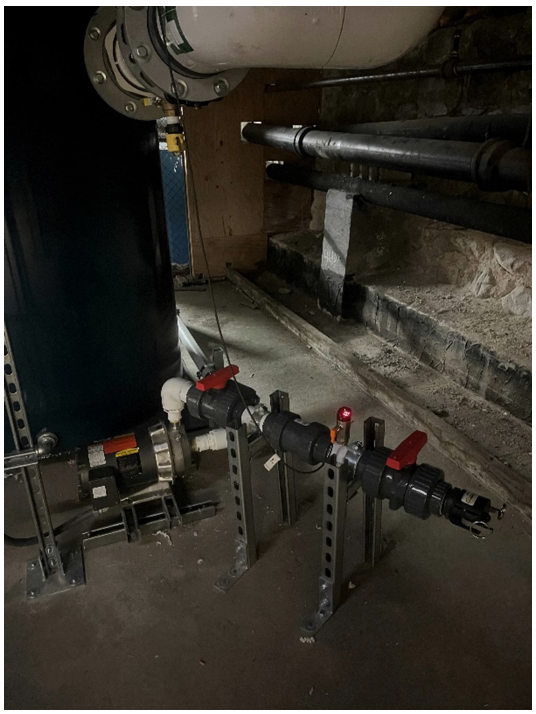


PHOTO 10
Moisture separator pump located in Target Zone 1 (Plant 1 Basement)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 11
North level transmitter (Target Zone 1)



PHOTO 12
South level transmitter (Target Zone 1)

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 13
Target Zone 1 header pipe inlet to the blower



PHOTO 14
Target Zone 1 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 15
Target Zone 2 blower skid and discharge stack



PHOTO 16
Target Zone 3 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 17
Target Zone 4 blower skid and discharge stack



PHOTO 18
Target Zone 5 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 19
Target Zone 6 blower skid and discharge stack



PHOTO 20
Target Zone 7 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 21
Target Zone 8 blower skid and discharge stack



PHOTO 22
Target Zone 9 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 23
Target Zone 10 blower skid and discharge stack



PHOTO 24
Target Zone 11 blower skid and discharge stack

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 25
Capped vapor monitoring point VMP-9 installed in Target Zone 3



PHOTO 26
Pin of vapor monitoring point VMP-9 installed in Target Zone 3

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 27
Southern former vault storage area before retrofit vapor barrier installation



PHOTO 28
Southern former vault storage area before retrofit vapor barrier installation

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 29
Southern former vault storage area after retrofit vapor barrier installation

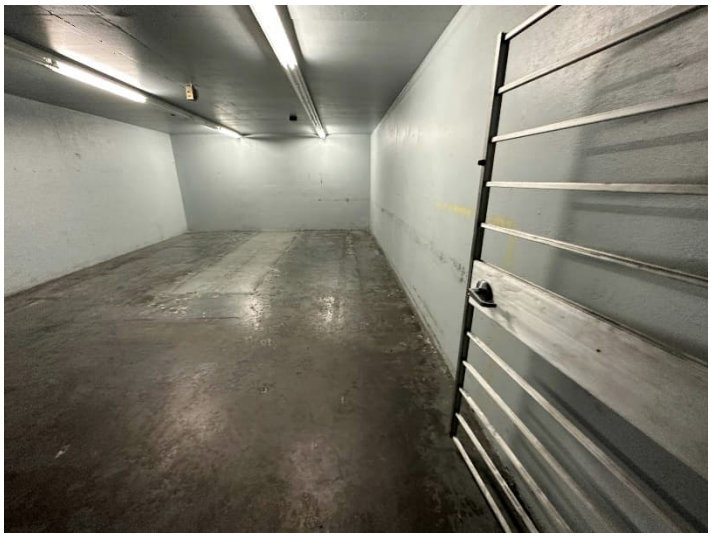


PHOTO 30
Northern former vault storage area before retrofit vapor barrier installation

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117

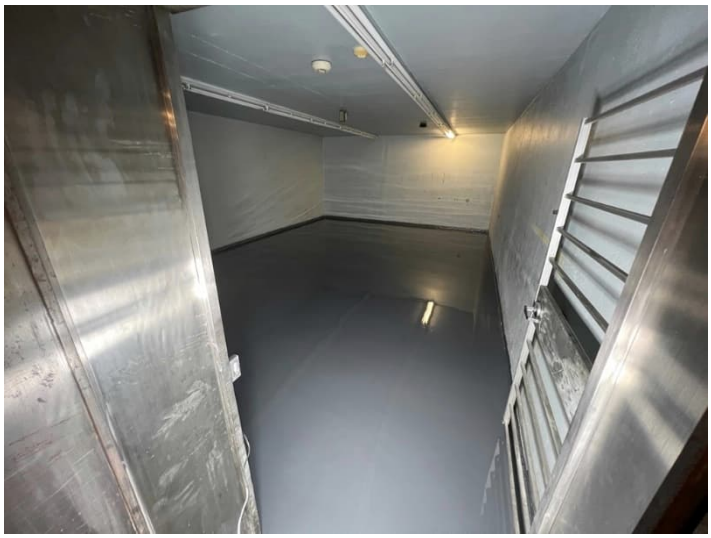


PHOTO 31
Northern former vault storage area after retrofit vapor barrier installation



PHOTO 32
Northern sump cover in Target Zone 1

CLIENT: Energizer Holdings, Inc.	SITE LOCATION: 401 Gage Street, Bennington, Vermont 05201	PROJECT NO.: 0796117



PHOTO 33
Southern sump cover in Target Zone 1

APPENDIX B PERMITS & DOCUMENTATION

TOWN OF BENNINGTON

March 24, 2025

RECEIVED
MAR 27 2025
By

Energizer Holdings LLC
PO Box 411460
St Louis, Missouri, 63141

Re: Building Permit #25-024
Parcel ID # 50-53-61
401 Gage Street – Energizer Vapor Mitigation System

To Whom it May Concern;

The plans for the above-mentioned location were reviewed and approved on March 24, 2025. The items noted in this Review Letter reflect the plan reviewer's best assessment of the project with respect to the applicable requirements. The project is subject to periodic field inspections and any corrective action that may be required as the result of field inspections. This approval applies only to the information listed on your drawings and specifications that have been submitted for review and does not apply to any violations that our field inspectors may find on the premises in the course of his inspection. The project may proceed provided the work is done in compliance with the 2015 Vermont Fire and Building Safety Code, must be in compliance with the Bennington Housing, Building and Safety Standards Ordinance and the plans and specifications submitted to this office, and the following conditions:

- NFPA 1 Fire Code (2015 Edition) Chapter 16 applies to this project (safeguards during building construction and demolition operations).
- Plans Sheets dated 7/19/2024 were submitted and reviewed.
- Any electrical work which is performed in this project must be supervised by a Licensed Vermont Master Electrician and must comply with the 2020 Vermont Electrical Rules. An Electric Work Notice must be obtained for any electrical work performed, an EWN may be obtained from the State of Vermont Division of Fire Safety at 802-786-5867 or Permits, Applications and Forms | Division of Fire Safety (vermont.gov)
- Any penetrations through floors and roofs shall be sealed
- The building street address numbers shall be placed in a position to be plainly visible from the street or road fronting the property. Address numbers shall be reflective Arabic numerals or alphabet letters. The numbers, or letters, must be at least 4 inches in height.

The enclosed **Permit Must Be Posted** at the project site in a location which is visible from the street. The completed project must be in compliance with the 2015 Vermont Fire and Building Safety Code. Please ensure your contractor receives a copy of this plan review letter prior to starting the project.

All changes in the plans or scope of the work must be submitted to the Town of Bennington Building, Planning, and Zoning Office for approval.

At the time of Final Inspection, and prior to the issuance of a certificate of occupancy, the Building Inspector will verify that the proper permits and work notices have been obtained. This permit expires after six months unless commencement of this project has begun and remains continuous. **Contact the Building, Planning, and Zoning Department once the project is complete to schedule a Final Inspection.**

Best of luck with your project and if you have any questions or I can be of any assistance please let me know. I may be reached at 802-442-1037 or emailed at pdansereau@benningtonvt.org

Sincerely,

Paul T. Dansereau
Building Inspector/Fire Marshal/Plans Reviewer

Cc: ERM, 75 Valley Stream Parkway, Malvern, Pennsylvania, 19355

Cc: Synergy Environmental Remediation Equipment and Services LLC, 155 Railroad Plaza, Royersford, Pennsylvania, 19468

Cc: State of Vermont Division of Fire Safety

M:\Building & Zoning\Paul\Plans Review Letters\2025\03 Mar\401 Gage St (Energizer Vapor Remediation System) 50-53-61 (03242025).docx

MU-2

Permit Number # 25-024 **Tax Map I.D. #** 50-53-61

APPLICATION FOR BUILDING AND ZONING PERMIT

LOCATION OF PROPERTY: 401 Gage St

OWNER: Energizer Holdings, LLC
ADDRESS: PO Box 4114 MO
PHONE: St. Louis, MO 63141
E-MAIL:

APPLICANT: Energizer Holdings, LLC
ADDRESS:
PHONE:
E-MAIL:

CONTRACTOR/ BUILDER: Synergy Environmental/ ~~Remediation Equipment and Services, LLC~~
ADDRESS: 155 Railroad Plaza, Royersford, PA 19468
PHONE: 484-369-5000
E-MAIL: Gary.Sheridan@Remdiationequip.com

ARCHITECT/ ENGINEER: ERM
ADDRESS: 75 Valley Stream Parkway, Malvern, PA 19355
PHONE: 484-913-0300
E-MAIL: khrista.baran@erm.com

PROJECT TYPE: Remediation System Installation
ESTIMATED COST: $ 1,900,000

PROPOSED USE:
___Residential ___Commercial X Industrial

For Single Family or Two Family Residential Properties, Please Submit, with this Application a Floor Plan, a Plot Plan on an 82x11 Sheet of Paper Showing Boundaries of the Lot, Location of the Proposed Water and Sewer Facilities, Location of All Proposed Structures, Location and Type of Parking and Landscaping (Where Applicable), and Distances to the Boundaries for All of the Above. For More Complicated Construction Projects, a More Detailed Site Plan must Be Submitted in Accordance with the Bennington Land Use Regulations.

I SOLEMNLY SWEAR OR AFFIRM UNDER THE PAINS AND PENALTY OF PERJURY THAT THE STATEMENTS CONTAINED IN THIS APPLICATION ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Signature of Property Owner (ERM - Energizer Holdings owner's Rep) Date 03/18/2025
Signature of Applicant Date 3/13/25

Applicant must obtain a Certificate of Occupancy/Completion before the permit expires.

For Use by the Administrative Officer Only

RECORDING INFORMATION
Grantor: Energizer Manufacturing
(Record owner of real property as name appears on Deed)
Grantee: Town of Bennington
Tax Map ID Number: 50 - 53 - 61
Permit Appealed: ___Yes X No

An original or copy of this permit may be examined in the Building/Zoning Office located in the Town of Bennington Office Building.

NOTES:
Building Permit Expires on ___
Zoning Permit Expires on ___
Zoning Appeal Period Ends on: ___, 20___
Approval/Denial:
Zoning Permit Granted ___Yes ___No X N/A
Zoning Administrator Buckgat Gadant
Building Permit Granted ___Yes ___No ___N/A
Building Inspector ___
Water/Sewer Allocation
___Yes ___No ___N/A
Water/Wastewater Superintendent ___

CONTINUED

Town of Bennington
PO Box 469
205 South St
Bennington VT 05201

Building permit

Parcel number 50536100	Permit number 25-024 Hearing number

Parcel location information

Street number 401 Street/Road name GAGE ST Apt number

Other location information

Permit applicant information

Name SYNERGY ENVIRONMENTAL Address 155 RAILROAD PLAZA

City ROYERSFORD State PA Zip 19468 Telephone

Parcel owner information

Name ENERGIZER MANUFACTURING INC. Address PO BOX 411460

City ST LOUIS State MO Zip 63141 Telephone

Application date 03/21/2025 Application fee 50.00	Land records: Book Pages

Description of permit Installation of vapor intrusion mitigation system

Is there a PLAT for this permit? NO	Number of acres in parcel

Current use Proposed use Current building Proposed building Zoning district Mixed Use #2	Permit shall not take effect until _____.*,** * Or if a notice of appeal is filed with the Development Review Board by such date, it shall not take effect until the DRB issues its final decision. ** And the time for filing an appeal to the Environmental Court must have passed.

Name of contractor Synergy Environmenta Construction began Construction finished Estimated cost 1900000.00	Municipal water and sewer

Type of project Alteration Access Garage Road frontage (ft) Housing units Bldgs on parcel	*Project dimensions* Size of project (sq ft) Height (ft/in) Length (ft/in) Width (ft/in) *Structure information* # of stories # of bedrooms # of rooms # of baths

Administrative Official Paul T. [signature] Date 3/24/2025

Permit: 25-024	Location: 401 Gage Street
Landowner: Energizer Holdings LLC	Project: install vapor intrusion remediation system

DEPARTMENT REPORT

(For Department Use Only)

PERMIT IS INVALID UNLESS THIS REPORT ACCOMPANIES OR IS ATTACHED THERETO

ZONING ADMINISTRATOR'S REPORT

I HEREBY CERTIFY THAT THE PROPOSED CONSTRUCTION AND/OR USE DOES (NOT) COMPLY WITH THE PROVISIONS OF THE ZONING BYLAW OF THE TOWN OF BENNINGTON FOR THE FOLLOWING REASONS:

NA

THEREFORE, THE PERMIT APPLIED FOR IS NA

GRANTED/ ~~DENIED~~ OR FORWARDED TO THE DEVELOPMENT REVIEW BOARD

Barbara Gabler
ZONING ADMINISTRATOR

3/24/25
DATE

DEVELOPMENT REVIEW BOARD REPORT

DATE FILED: _____

ACTION BY DEVELOPMENT REVIEW BOARD:

BASED ON ACTION BY DEVELOPMENT REVIEW BOARD PERMIT IS _____
GRANTED OR DENIED

_____
ZONING ADMINISTRATOR

_____
DATE

BUILDING INSPECTOR'S REPORT

IT IS REQUIRED THAT THE PROPOSED CONSTRUCTION SHALL COMPLY WITH ALL OF THE PROVISIONS OF THE BUILDING CODES OF THE TOWN OF BENNINGTON.

THE PERMIT APPLIED FOR IS GRANTED WITH THE FOLLOWING STIPULATIONS/NOTES:
GRANTED ~~OR DENIED~~

SEE REVIEW LETTER

Paul T. [illegible]
BUILDING INSPECTOR

3/24/2025
DATE

Town of Bennington
Department of Buildings

Building Permit #25-024

PURSUANT TO AN APPLICATION ON FILE DATED March 21, 2025

PERMISSION IS GRANTED TO Energizer Holdings LLC for installation of a vapor intrusion mitigation system at 401 Gage Street within the Town of Bennington, Vermont in accordance with the plans and specifications on file.

RECEIPT OF FEE IN THE AMOUNT OF $50.00 IS ACKNOWLEDGED.

NOTE

Your project may not deviate from the plans and specifications on file without permission from the Department of Buildings.

Attention is particularly called to the **cutting up of streets, making sewer and water connections and curb cuts.** Permits for such construction must be obtained from the **Public Works Department of the Town of Bennington.**

You must obtain a **CERTIFICATE OF OCCUPANCY/COMPLETION BEFORE USING/OCCUPYING** the building.

Dated at Bennington, Vermont

this 21st day of March 2025.

BUILDING INSPECTOR

TOWN OF BENNINGTON

Fire Prevention Inspection Results

Site Name: Energizer Plant
ID Number: 50-53-61
Location: 401 Gage Street
Site Number:
Owners Name: Energizer Holdings LLC
Phone Number:
Address: PO Box 411460
Town/State & Zip: St Louis, Missouri, 63141
Occupancy by Floor: 1:2:3:4 Industrial
901 Code: 775
Heating:
Occupancy Class: Existing Industrial
Construction Type: II
Risk Index: High 3
Smoke Alarm/Detector: Yes
CO Alarm/Detector: Yes
Number Units: 0
Water: Municipal
Sewer: Municipal
Number of Floors: 4

Fire Suppression System: Full NFPA 13 Sprinkler System

Summary: Building Permit 25-024 was submitted and approved to install a Vapor Mitigation System in the former Energizer Facility. Today, 9/5/2025 our office conducted a Final Inspection in conjunction with the State of Vermont Division of Fire safety Electrical Inspector's Final Electric Inspection. A separate Electrical Inspection Report was prepared.

Violations: No Violations were observed

Additional Instructions: Building Permit 25-024 shall be closed and a Certificate of Occupancy/Completion Issued.

Inspection Date: 9/5/2025
Inspection Type: Final Inspection
Occupancy Granted: Yes
Reason for Inspection: Building Permit
Hazard Index: 1
Number of Violations Noted: 0

Compliance with All Regulations Must Be Achieved By: N/A

Fire Inspector: Paul T. Dansereau, CFI
E-mail: pdansereau@benningtonvt.org.
Phone: 802-442-1037

Person(s) Accompanying Fire Inspector: James (Comalli Electric)
Mark (ERM)
Pete Olney (DFS Electrical Insp)

Cc: State of Vermont Division Fire Safety

Vermont Department of Public Safety

DIVISION OF FIRE SAFETY

Office of the State Fire Marshal, State Fire Academy and State Haz-Mat Team

firesafety.vermont.gov

☐ Waterbury Regional Office
45 State Drive
Waterbury, VT 05671-8200
[phone] 802-479-4434
[fax] 802-479-4446

☑ Rutland Regional Office
56 Howe Street, Building A, Suite 200
Rutland, VT 05701-3449
[phone] 802-786-5867
[fax] 802-786-5872

☐ Williston Regional Office
380 Hurricane Lane, Suite 101
Williston, VT 05495-2080
[phone] 802-879-2300
[fax] 802-879-2312

☐ Springfield Regional Office
100 Mineral Street, Suite 307
Springfield, VT 05156-3168
[phone] 802-216-0500
[fax] 802-216-0511

Electrical Inspection Results

Site Id: 11820

Structure Information

Name: ENERGIZER BATTERY INC.-MAIN PLANT
PLANT 1 50-53-61
Structure Id: 11820

Address: 401 GAGE STREET
BENNINGTON, VT 05201

Business Owner

Name: ENERGIZER MANUFACTURING INC (N 89082)
Phone: 802-442-6301

Address: 401 GAGE ST
BENNINGTON, VT 05201

Electrical Work

Name: Install Conduit & Wiring to 11 Pump skids for a vapor Intrusion Mitigation system. Will be running these circuits from e

Permit: PO-15956 Received: 07/03/2025 Workitem Id: 519852

Contractor: COMALLI ELECTRIC (N 79531)
Phone: 413-499-0024
x29
eMail: DCOMALLI@COMALLI.COM
cmarsh@comalli.com

Electrician: DAVID T. COMALLI (EM-03523)
Phone: 413-499-0024 License: EM-03523
eMail: sderby@comalli.com

Inspection Detail

Insp Date: 09/05/2025 Insp Type: Final Violations:

Inspector: PETER OLNEY (S 60346)
With: James (Electrician) & Paul (TOB)

Findings, Orders, and Notes

Code Year: 2020

Electrical completed on equipment for remediation is installed in accordance with the 2020 NEC.

TOWN OF BENNINGTON, VERMONT

CERTIFICATE OF OCCUPANCY/COMPLETION*

Certificate No. 25-024 **Date: September 5, 2025**

This is to certify that the land and/or buildings owned by **Energizer Manufacturing Inc** located at 401 Gage Street may be occupied with new vapor mitigation system **and** shall comply with the provisions of the Bennington Land Use and Development Regulations & Building Code.

Said use shall be exercised in agreement with the Bennington Land Use and Development Regulations & Building Code and all other applicable restrictions and requirements stipulated by the Bennington Housing & Building Code as a condition to the granting of any variance or special exception applying to the above-described premises. This certificate shall in no way preclude the Town of Bennington from enforcing compliance with the Bennington Land Use and Development Regulations, Building Code and/or any other applicable ordinance in connection with current or future violations discovered and/or commencing after the date of this certificate.

This certificate is issued in compliance with the Bennington Land Use and Development Regulations & Building Code of the Town of Bennington.

Residential CO - *This Certificate of Occupancy/Completion does NOT certify compliance with the Vermont Residential Building Energy Standards (RBES). For further information, contact the Vermont Energy Code Assistance Center: Phone 1-855-887-0673 - website - https://publicservice.vermont.gov/energy_efficiency/rbes.

Commercial CO - *This Certificate of Occupancy/Completion does NOT certify compliance with the Vermont Commercial Building Energy Standards. For further information, contact the Vermont Energy Code Assistance Center: Phone 1-855-887-0673 - website - https://publicservice.vermont.gov/energy_efficiency/cbes.

Sent to occupant.

BY _____
Building Inspector

RECORDING INFORMATION
(please type or print)

Grantor: Energizer Manufacturing Inc
(record owner of real property as name appears on Deed)

Grantee: Town of Bennington
Tax Map ID Number: 50-53-61
Permit Appealed: ____Yes __X__No

An original or copy of this permit may be examined in the Building/Zoning Office located in the Town of Bennington Office Building.

TOWN OF BENNINGTON

Fire Prevention Inspection Results

Site Name: Energizer Plant

ID Number: 50-53-61

Location: 401 Gage Street

Site Number:

Owners Name: Energizer Holdings LLC

Phone Number:

Address: PO Box 411460

Town/State & Zip: St Louis, Missouri, 63141

Occupancy by Floor: 1:2:3:4 Industrial

901 Code: 775

Heating:

Occupancy Class: Existing Industrial

Construction Type: II

Risk Index: High 3

Smoke Alarm/Detector: Yes

CO Alarm/Detector: Yes

Number Units: 0

Water: Municipal

Sewer: Municipal

Number of Floors: 4

Fire Suppression System: Full NFPA 13 Sprinkler System

Summary: Building Permit 25-024 was submitted and approved to install a Vapor Mitigation System in the former Energizer Facility. Today, 9/5/2025 our office conducted a Final Inspection in conjunction with the State of Vermont Division of Fire safety Electrical Inspector's Final Electric Inspection. A separate Electrical Inspection Report was prepared.

Violations: No Violations were observed

Additional Instructions: Building Permit 25-024 shall be closed and a Certificate of Occupancy/Completion Issued.

Inspection Date: 9/5/2025

Inspection Type: Final Inspection

Occupancy Granted: Yes

Reason for Inspection: Building Permit

Hazard Index: 1

Number of Violations Noted: 0

Compliance with All Regulations Must Be Achieved By: N/A

Fire Inspector: Paul T. Dansereau, CFI

E-mail: pdansereau@benningtonvt.org.

Phone: 802-442-1037

Person(s) Accompanying Fire Inspector:

James (Comalli Electric)

Mark (ERM)

Pete Olney (DFS Electrical Insp)

Cc: State of Vermont Division Fire Safety

APPENDIX C LIMITED REGULATED BUILDING MATERIALS SURVEY

75 Valley Stream Parkway
Suite 200
Malvern, PA
19355

T +1 484 913 0300
F +1 484 913 0301

erm.com

MEMORANDUM

CLIENT	Energizer Holdings, Inc. (Energizer)
DATE	28 April 2025
REFERENCE	0743167
SUBJECT	Energizer's Bennington Vermont Facility Limited Regulated Building Materials Survey for Vapor Intrusion Mitigation System Construction

SCOPE:

Environmental Resources Management, Inc. ("ERM") conducted a limited assessment to evaluate the presence of asbestos-containing materials (ACMs), lead-based paints (LBPs), and polychlorinated biphenyls (PCBS) of Energizer's Bennington Vermont Facility located at 401 Gage Street, Bennington, VT 05201 ("Site"). The assessment was conducted on 19 and 20 March 2025. The assessment was performed in areas of Plant 1 and Plant 2 to evaluate the potential presence of ACMs, LBP, and PCBs in building materials that will be disturbed during the construction of the Vapor Intrusion Mitigation System (VIMS) associated with Vermont Department of Environmental Conservation-approved Corrective Action Plan, dated 8 July 2024. The assessment was not intended to identify all ACMs, LBPs, or PCBs present at the Site, including those that may not be accessible.

An ERM asbestos inspector licensed by the Vermont Department of Health, Mr. Jeremy Bittlebrun, performed the ACM survey of the materials suspected to contain ACMs, LBPs, and PCBs. Mr. Jeremy Bittlebrun's accreditations are included as **Attachment A**.

SUMMARY:

ERM collected one hundred and eight (108) samples of building materials for asbestos analysis, three (3) paint chip samples for lead content analysis, and two (2) samples of building materials for total PCB analysis. Survey results are briefly summarized below in the subset paragraphs. Sample locations and results are summarized in tables, included in **Attachment B**. Photographs of sampling locations are included in **Attachment C**. Laboratory analysis methods and laboratory analytical results are included in **Attachment D**. Sample locations have been included in **Figures 1** through **7**.

Asbestos

ERM collected one-hundred and eight (108) materials suspected of containing asbestos at the Site to be analyzed via polarized light microscopy. Currently, the United States Environmental Protection Agency (USEPA) and the State of Vermont recognize materials that contain greater than one percent asbestos to be ACMs.

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- Twelve (12) of the sampled materials were reported to contain greater than 1 percent asbestos and materials associated with these areas are considered ACMs.
- Four (4) sample results were initially reported to contain one-percent asbestos via polarized light microscopy. Due to these four (4) results being reported at the regulatory limit of one percent, these four (4) samples were analyzed via a 400-point count analysis to further define the asbestos concentration for each material. Point count analysis confirmed that these four (4) samples were not ACMs as all four (4) samples were reported to contain less than 1 percent asbestos.

Overall, twelve (12) out of the one-hundred and eight (108) sampled materials were reported to contain greater than 1 percent asbestos and are considered ACMs. Asbestos sample locations and results are summarized in **Table 1**, included in **Attachment B**. Photographs of the samples collected are included as **Attachment C**. Laboratory analysis methods and laboratory analytical results are included as **Attachment D**.

Certain materials could not be sampled at the time of the survey due to safety concerns including electrical hazards and confined spaces. These materials that could not be sampled should be assumed by the VIMS Contractor to contain asbestos and should be avoided during the VIMS construction are listed below: (the list below is not an all-inclusive list of all assumed materials at the Site):

- Electrical wiring and component insulation;
- HVAC insulation and mastic(s);
- Thermal system insultation (TSI);
- Fire Doors;
- Roofs not associated with renovation efforts;
- Carpet not associated with renovation efforts;
- Flooring materials not associated with renovation efforts;
- Sink Mastics;
- Laboratory Countertops;
- Ceramic Tile(s) and associated mastics;
- Window Glazing and caulk; and
- Areas associated with confined spaces at the Site (i.e. crawl space).

The above-mentioned materials were found to be in good condition during the survey with no obvious signs of damage. Non-friable materials that remain undisturbed, such as roofing materials and electrical wire coatings, do not generally pose an immediate health and safety risk.

Lead-based Paint

ERM collected three (3) samples of paint for the presence of lead at the Site. The United States Department of Housing and Urban Development (HUD) and the USEPA have established guidelines for total lead in paint. The HUD/USEPA states that Lead-Based Paint is paint that contains 5,000

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milligram per kilogram (mg/Kg) or more of lead. The Occupational Safety and Health Administration (OSHA) does not acknowledge any quantitative threshold for lead-based paint. Instead, OSHA considers paint with any detectable amount of lead as a Lead-Containing Paint (LCP). Note, that contractors performing work at a site where painted surfaces will be disturbed must comply with the OSHA 29 CFR 1926.62, Lead in Construction.

No samples of paint reported lead contents greater than or equal to USEPA standard for LBP of 5,000 mg/Kg. Three (3) samples of paint reported detectable levels of lead below the HUD standard of 5,000 mg/Kg and are therefore considered LCP.

Samples PS-1, PS-2, and PS-3 were reported to contain 44 mg/Kg, 62 mg/Kg, and 83 mg/Kg amounts of lead, respectively, when analyzed for total lead via USEPA Method SW6020B. Contractors removing materials associated with the above-mentioned samples will adhere to regulations established in OSHA 29 CFR 1926.62. Lead paint sample locations and results are summarized in **Table 2**, included in **Attachment B**. Photographs of the samples collected are included as **Attachment C**. Laboratory analysis methods and laboratory analytical results are included as **Attachment D**.

Polychlorinated Biphenyls

PCB handling and disposal is federally regulated by the USEPA as required by the Toxic Substances Control Act (TSCA), specifically 40 CFR §761. ERM collected two (2) samples of mastics and material substrate combinations that were analyzed for PCB concentrations. One (1) sample, PCB-02, was reported to contain PCB concentrations greater than 1 mg/Kg, but less than 50 mg/Kg, and is defined as Excluded PCB Product under TSCA. Excluded PCB Products can be disposed of as construction and demolition waste (porous materials) at a facility permitted to accept that waste stream. PCB sample locations and results are summarized in **Table 3**, included in **Attachment B**. Photographs of the samples collected are included as **Attachment C**. Laboratory analysis methods and laboratory analytical results are included as **Attachment D**.

CONCLUSION:

ERM conducted a limited survey for regulated building materials including ACMs, LBPs, and PCBs on 19 and 20 March 2025. Twelve (12) samples of materials suspect of containing asbestos were reported to contain greater than 1 percent asbestos. Three (3) samples of materials suspect of containing lead were reported to contain less 5,000 mg/Kg of lead. One (1) sample of materials suspected of containing PCBs were reported to contain greater than 1 mg/Kg, but less than 50 mg/Kg.

Based on the limited locations of known ACM, the VIMS construction can be adjusted to avoid the ACM material and eliminate the need for asbestos abatement as part of the VIMS construction. The locations are as shown in **Table 4**, included in **Attachment B**. Contractors disturbing materials associated with LCP products as part of the VIMS construction will adhere to OSHA 29 CFR 1926.62, and the Excluded PCB Product will be disposed of as construction and demolition waste in accordance with TSCA.

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Sincerely,



Michael Pettit,
Partner-in-Charge



Brian Hornyak,
Partner

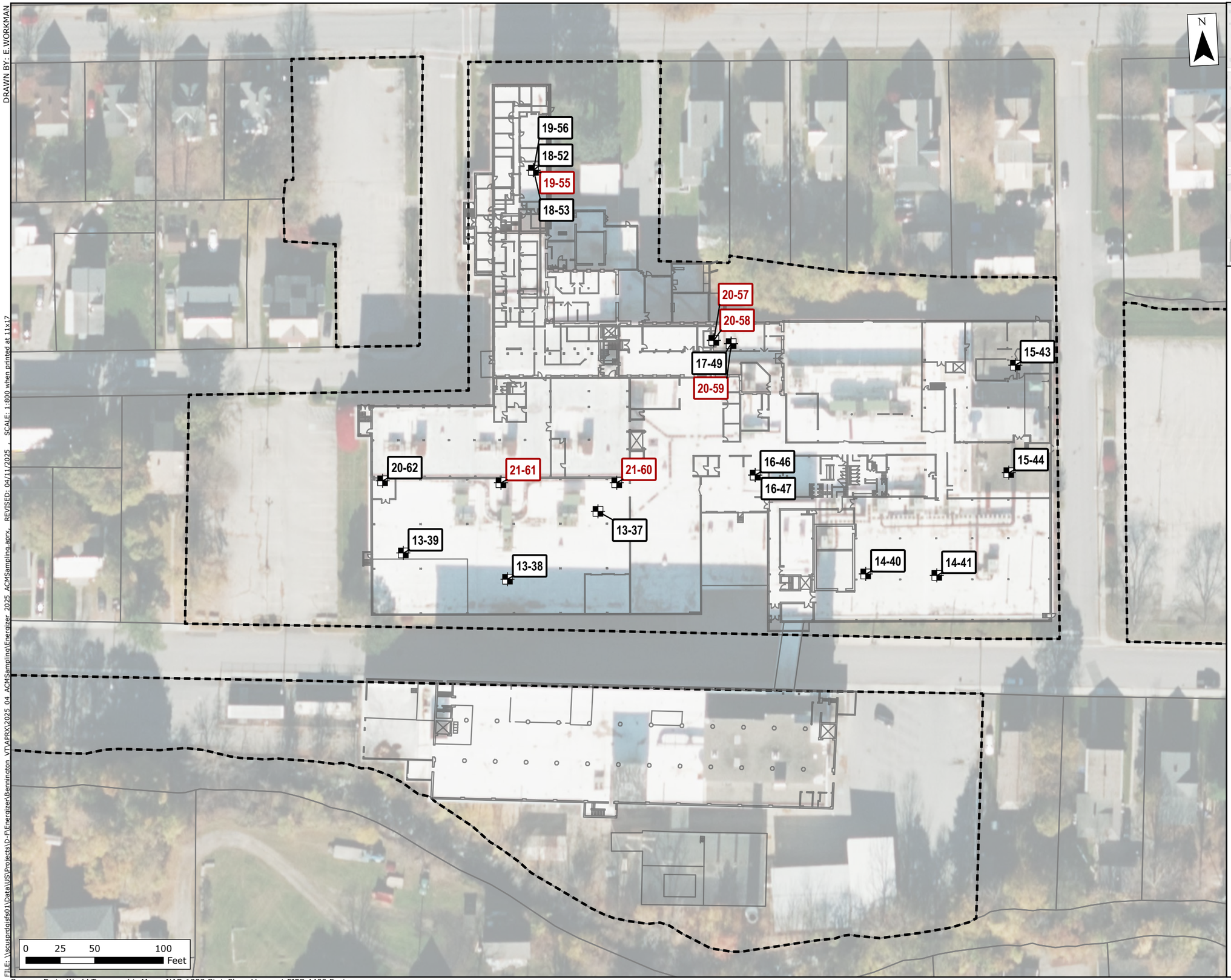


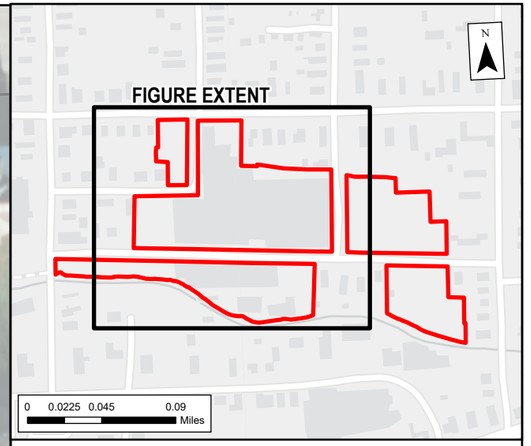
Jeremy Bittlebrun,
Senior Consultant
Vermont Licensed Asbestos Inspector
No. Asb-I/MP-000221

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FIGURES

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Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

Notes:
- Black labels indicate an asbestos value <1%
- Red labels indicate an asbestos value >1%

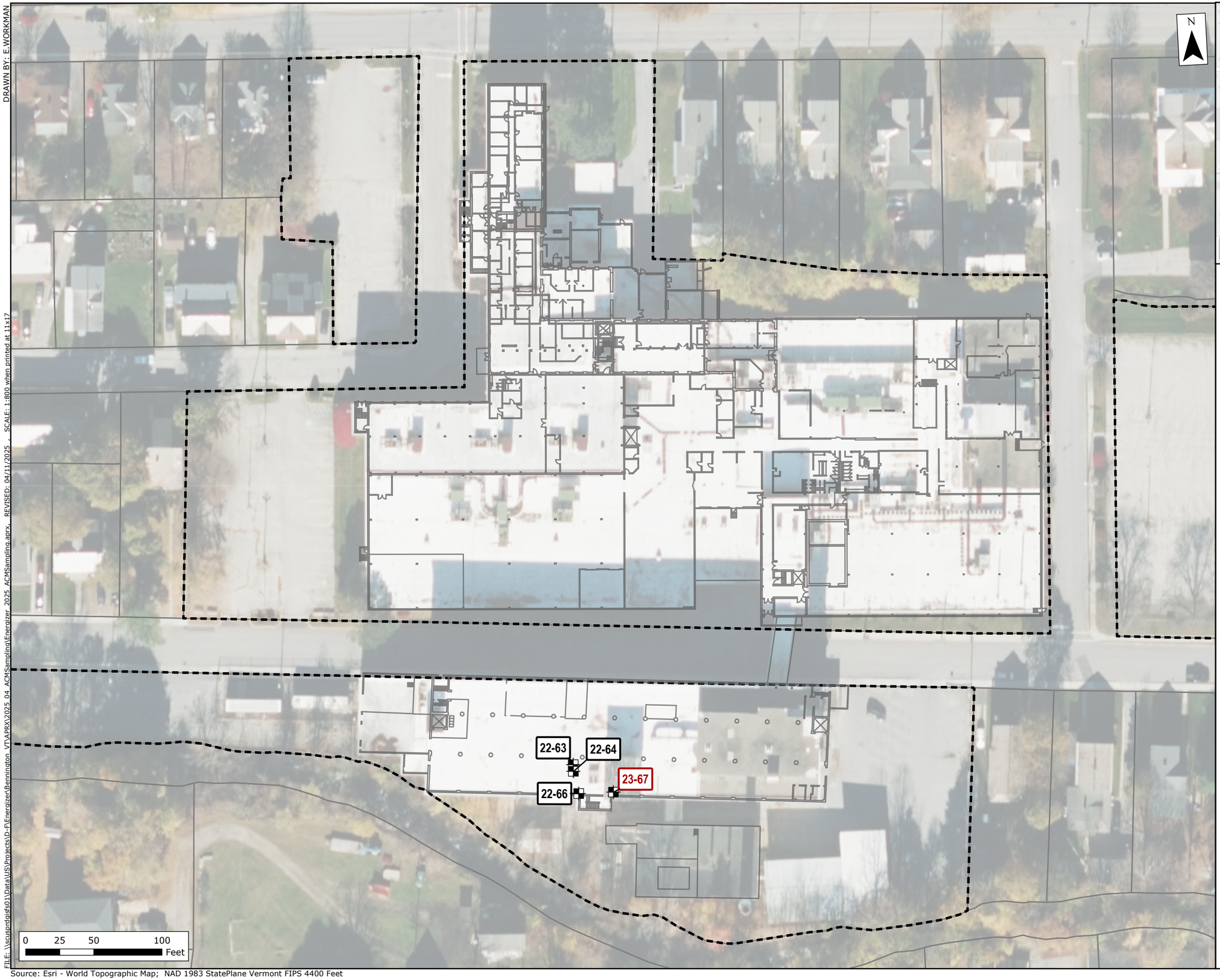
Figure 1
Approximate Asbestos Sampling Locations
Plant 1, Roof
Energizer Holdings, Inc.
Bennington, Vermont

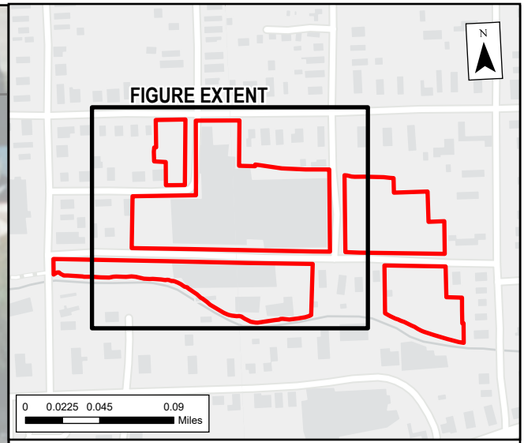
ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

DRAWN BY: E.WORKMAN

FILE: \\scusprdgisfs01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx, REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17





Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

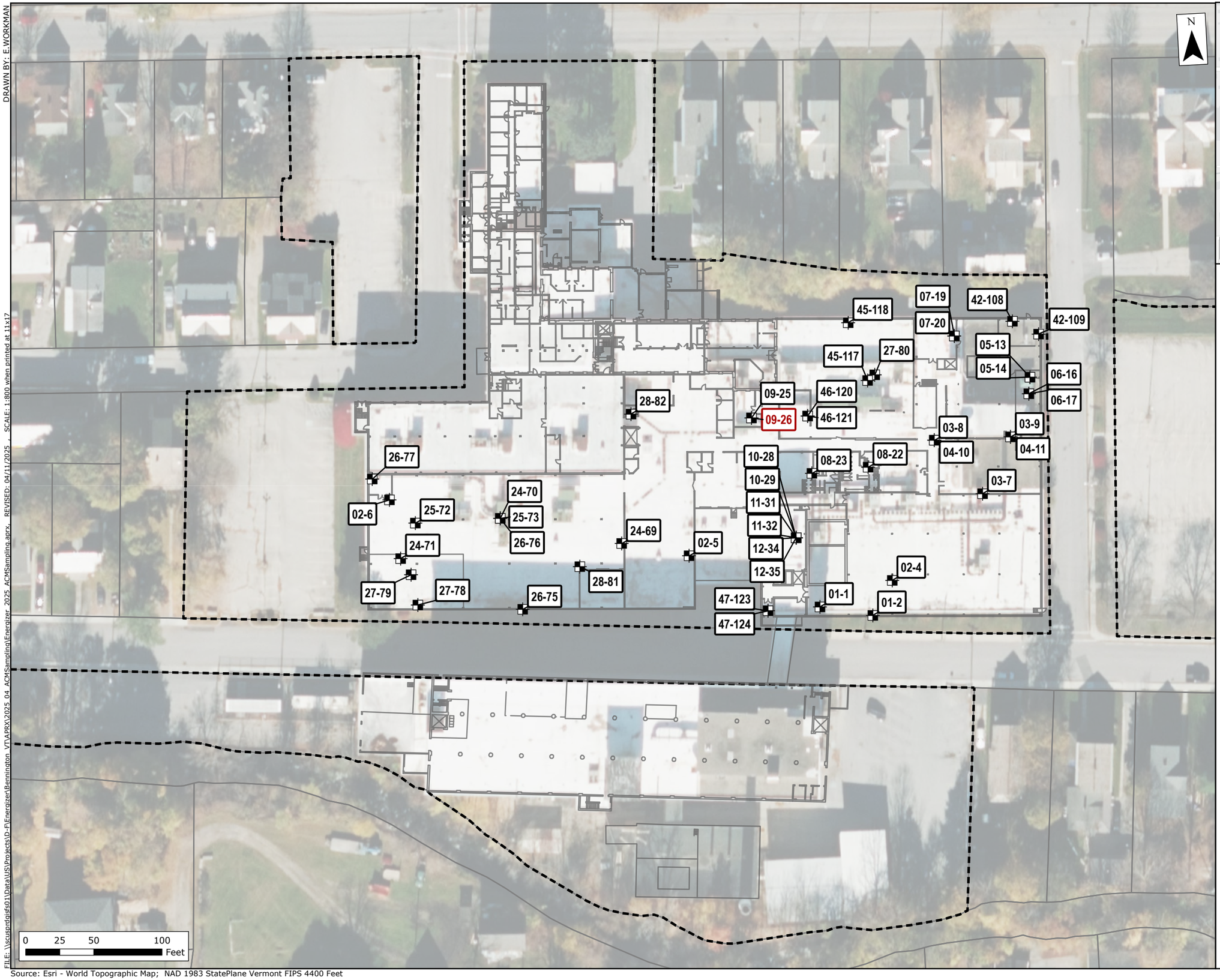
Notes:
- Black labels indicate an asbestos value <1%
- Red labels indicate an asbestos value >1%

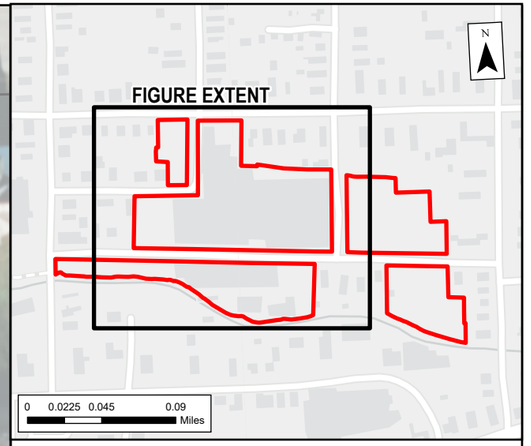
Figure 2
Approximate Asbestos Sampling Locations
Plant 2, Roof
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

DRAWN BY: E.WORKMAN
REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17
FILE: \\scusprdgisfs01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx





Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

Notes:
- Black labels indicate an asbestos value <1%
- Red labels indicate an asbestos value >1%

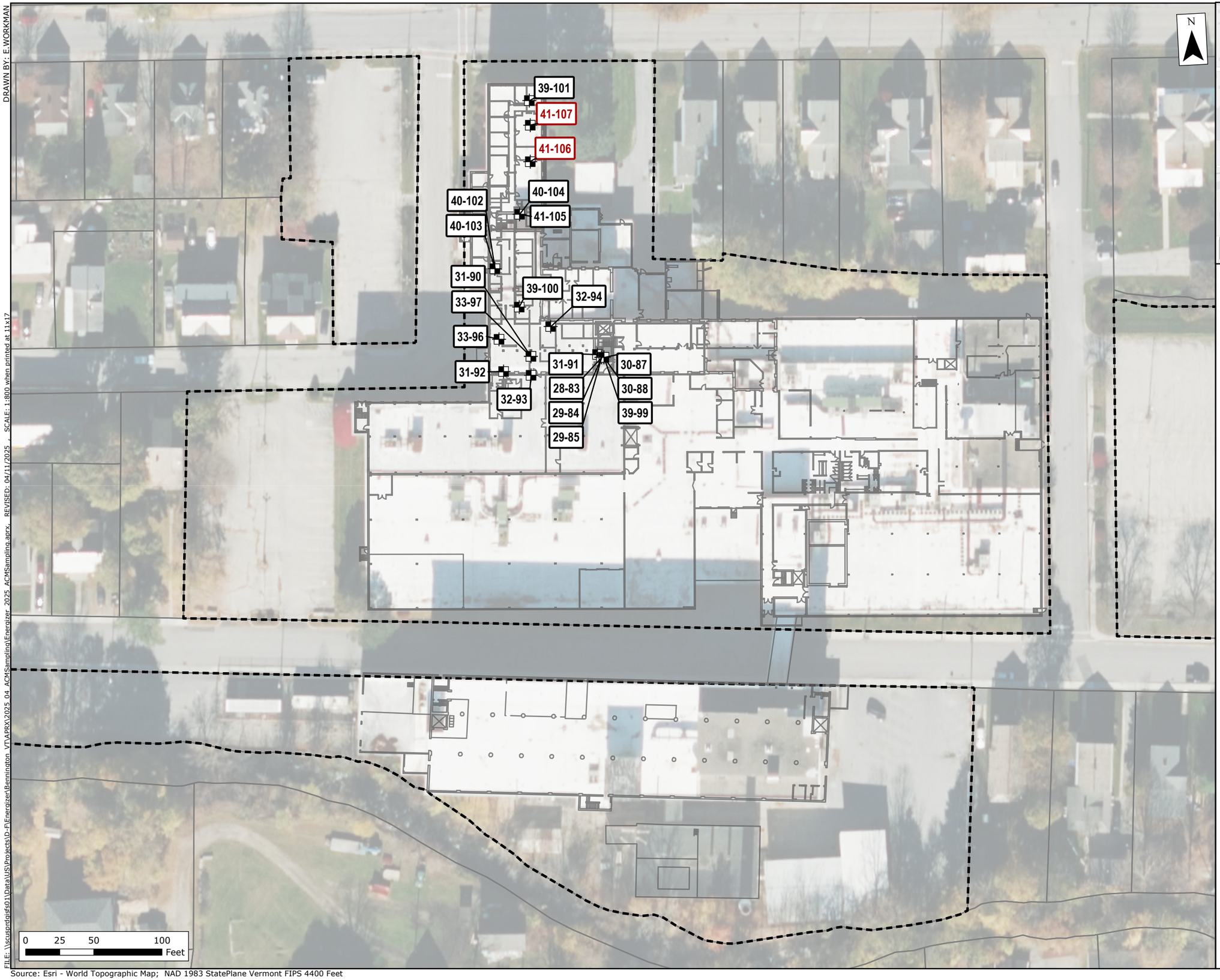
Figure 3
Approximate Asbestos Sampling Locations
Plant 1, Main Floor
Energizer Holdings, Inc.
Bennington, Vermont

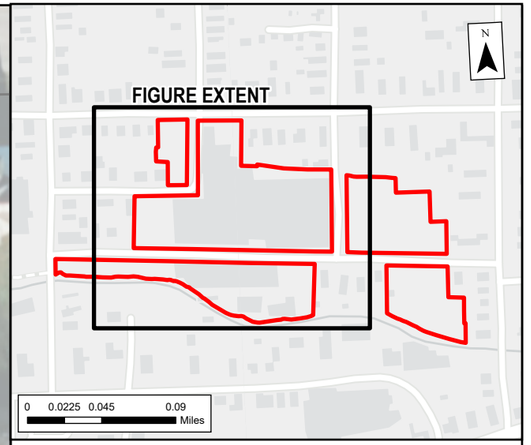
ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

DRAWN BY: E.WORKMAN

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Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

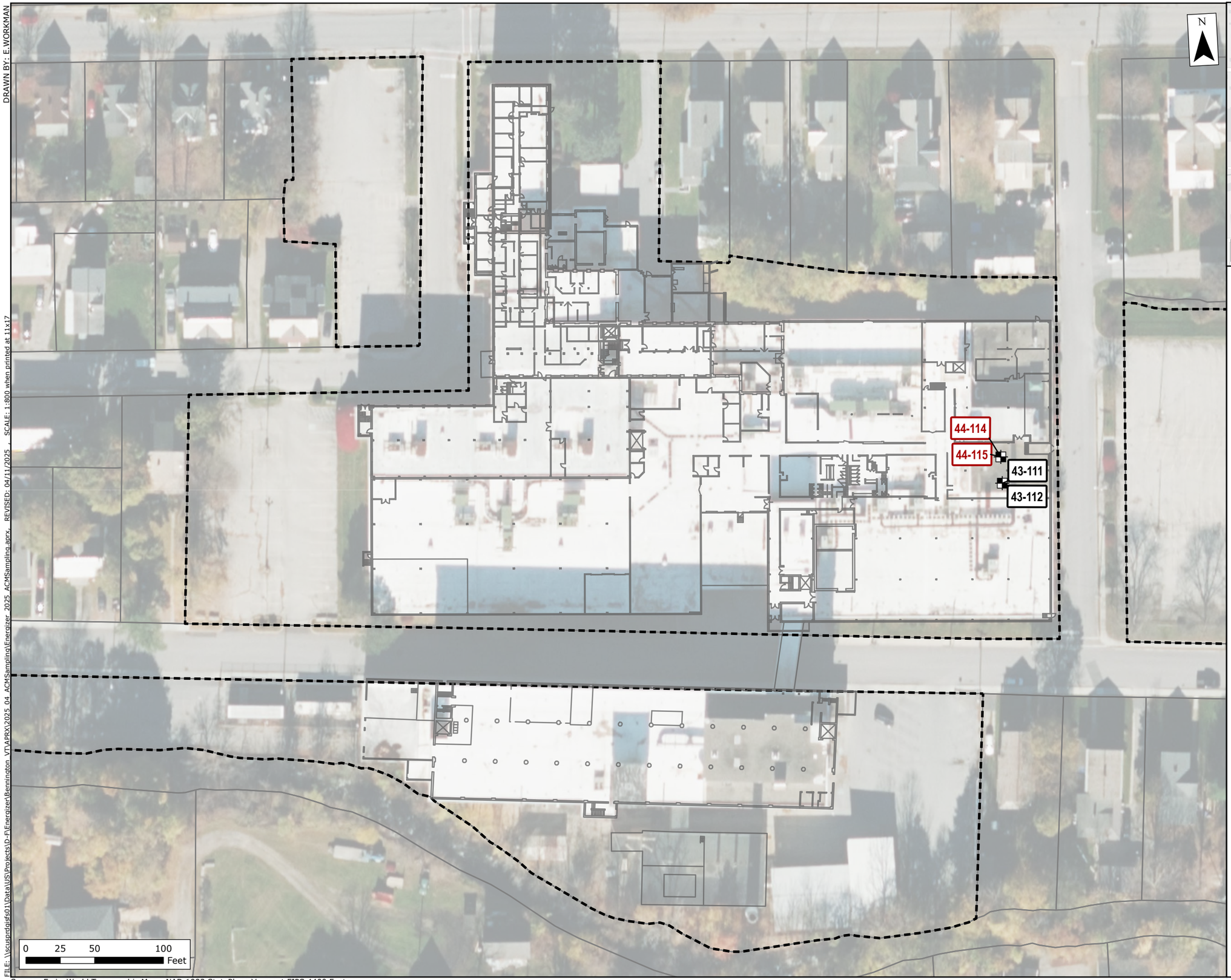
Notes:
- Black labels indicate an asbestos value <1%
- Red labels indicate an asbestos value >1%

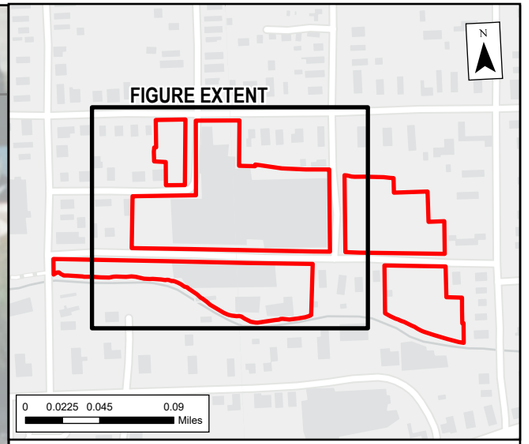
Figure 4
Approximate Asbestos Sampling Locations
Plant 1, Basement
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

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REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17
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Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

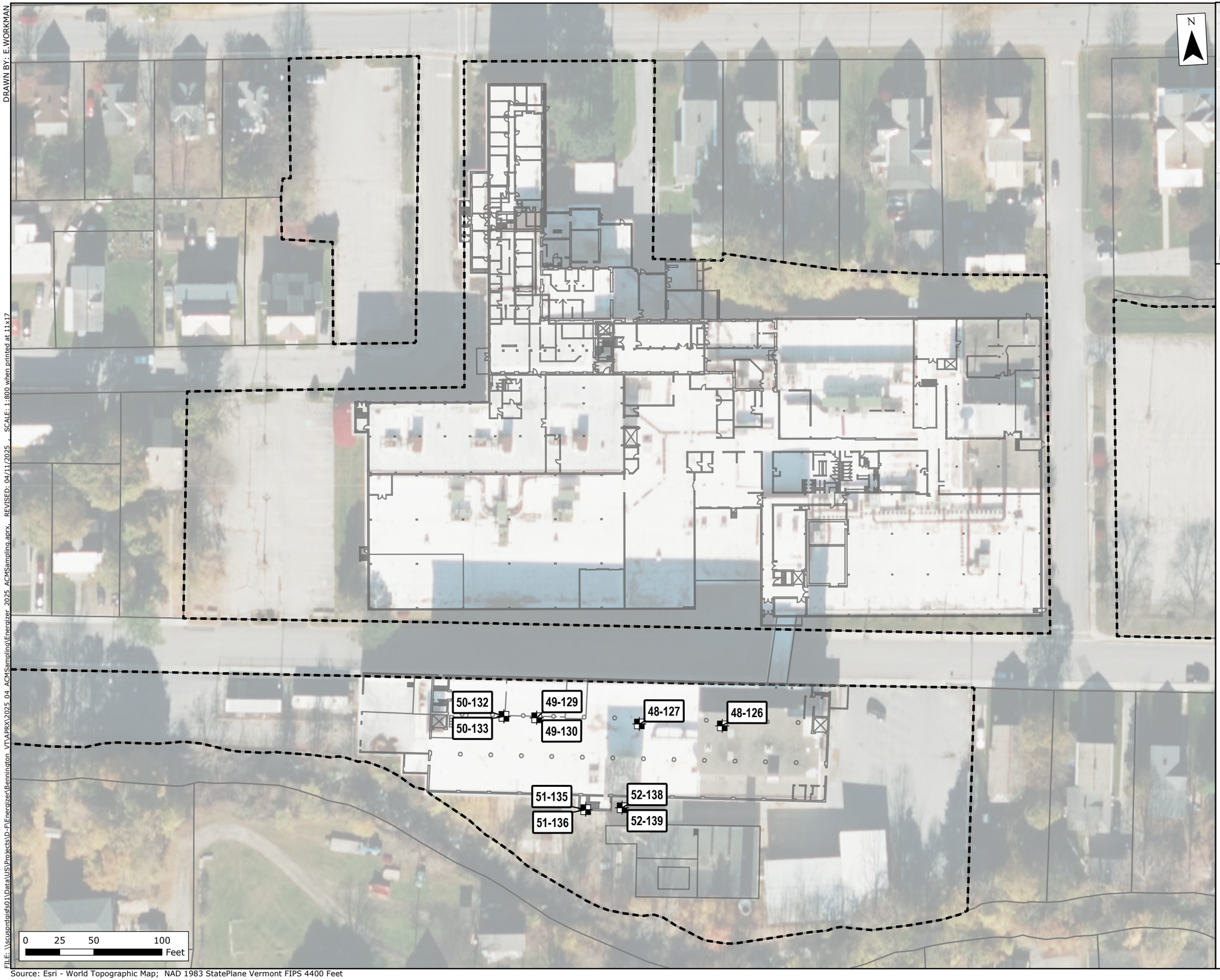
Notes:
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- Red labels indicate an asbestos value >1%

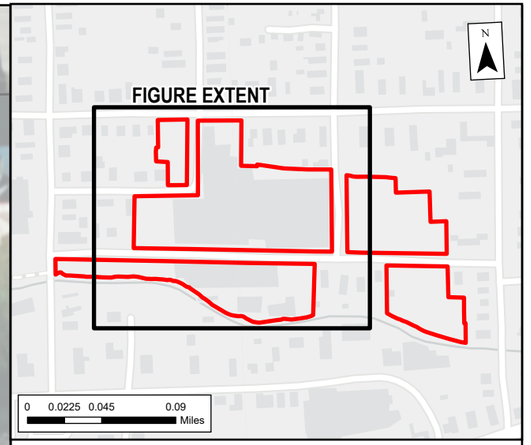
Figure 5
Approximate Asbestos Sampling Locations
Plant 1, Mezzanine
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

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REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17
FILE: \\scusprdgisfs01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx





Legend

- Approximate Sampling Location
- Site Property Boundary
- VT Tax Parcels

Notes:
- Black labels indicate an asbestos value <1%
- Red labels indicate an asbestos value >1%

Figure 6
Approximate Asbestos Sampling Locations
Plant 2, Main Floor
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

DRAWN BY: E.WORKMAN

FILE: \\scusprdgisfs01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx, REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17

PS-3
PS-2
PS-1
PCB-2
PCB-1
N
0 25 50 100 Feet
Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

FIGURE EXTENT
N
0 0.0225 0.045 0.09 Miles

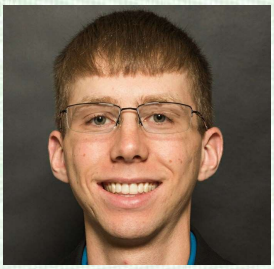
Legend

- Approximate Sampling Location
- Excluded PCB Product - Greater than 1 mg/kg but less than 50 mg/kg for PCBs
- Site Property Boundary
- VT Tax Parcels

Figure 7
Approximate Paint and PCB Sampling Locations
Plant 1, Basement
Energizer Holdings, Inc.
Bennington, Vermont
ERM

DRAWN BY: E.WORKMAN
FILE: \\scusprdgisfs01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx, REVISED: 04/11/2025 , SCALE: 1:800 when printed at 11x17

ATTACHMENT A PROFESSIONAL ACCREDITATIONS



Certificate of License - Vermont Asbestos and Lead Regulatory Program

Asbestos Inspector

Jeremy Bittlebrun
LICENSE: Asb-I/MP-000221
EXPIRES: 3/13/2026

This certificate shall remain in force until the expiration date unless revoked or voided before that time. This certificate is not transferable and is valid only for the above party.

Scan the QR Code for License Information

Vermont Department of Health
Environmental Health
280 State Drive
Waterbury, VT 05671-8350
ALRP@vermont.gov

ATTACHMENT B SUMMARY OF ANALYTICAL RESULTS

Table 1 - Summary of Analytical Results for Asbestos Sampling
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Sample Number	Material Description	Site Location	Sample Location	Condition (G/F/P)	Friable (Y/N)	Asbestos Content	Estimated Quantity
1	1	Wall Paneling	Plant 1, L1, Room 1150	SW Corner, Doorway	G	N	ND	--
	2			S Wall			ND	
	3		VMP-8	Above VMP-8 as Ceiling Tile			ND	
2	4	Concrete Expansion Joint Caulk	Plant 1, L1	Rm 1150	G	N	ND	--
	5			Loading Dock Area			ND	
	6			W. Wall Outside Rm 1128			ND	
3	7	Drywall	Plant 1, Room 1145	S Wall, Middle	G	Y	ND	--
	8			W Wall, Corner			ND	
	9			E Wall, Stairwell			ND	
4	10	Cove Base and Mastic	Plant 1, Room 1145	W Wall, Corner	G	N	ND	--
	11			E Wall, Stairwell			ND	
5	13	Ceiling Tile	Plant 1, Room 1145	Round Fissure, E Wall	G	Y	ND	--
	14			Round Fissure, E Wall			ND	
6	16	Ceiling Tile	Plant 1, Room 1145	Long Fissure, E Wall	G	Y	ND	--
	17			Long Fissure, E Wall			ND	
7	19	Tan Mastic	Plant 1	Room 1139	G	N	ND	--
	20			Room 1139			ND	
8	22	Tile Floor	Plant 1	Women's Restroom	G	N	ND	--
	23			Men's Restroom			ND	
9	25	**Drywall & Mastic**	**Plant 1**	Room 1144	**G**	**Y**	ND	**2,000 SF**
	26			**Room 1144**			**4% Chrysotile - Black Mastic** ND - Tan Mastic ND - Brown Drywall	
10	**28**	**Fireproofing**	**Plant 1**	**Room 1152**	**G**	**Y**	**<0.25% Actinolite - Beige Fireproofing**	**1,000 SF**
	29			**Room 1152**			**<0.25% Actinolite - Beige Fireproofing**	

Table 1 - Summary of Analytical Results for Asbestos Sampling
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Sample Number	Material Description	Site Location	Sample Location	Condition (G/F/P)	Friable (Y/N)	Asbestos Content	Estimated Quantity
11	31	Drywall/Joint Compound & Mastic	Plant 1	Room 1152	G	Y	ND	--
	32			Room 1152			ND	
12	34	Flooring Material	Plant 1	Room 1152	G	N	ND	--
	35			Room 1152			ND	
13	37	Membrane Roof Over Built-up Roof	Plant 1, SW Roof assoc. w/ Warehouse	NE Corner	G	N	ND	--
	38			S, Mid			ND	
	39			W, Mid			ND	
14	40	Membrane Roof Over Built-up Roof	Plant 1, Roof assoc. w/ B-800 & B-900	B-800, W, Middle	G	N	ND	--
	41			B-900, E, Middle			ND	
15	43	Membrane Roof Over Built-up Roof	Plant 1, Roof assoc. w/ B-600	B-600, North Roof	G	N	ND	--
	44			B-600, South Roof			ND	
16	46	Membrane Roof Over Plywood	Plant 1, Roof assoc. w/ B-400	B-400	G	N	ND	--
	47			B-400			ND	
17	49	Membrane Roof Over Plywood & Built-up Roof	Plant 1, Roof assoc. w/ B-500	B-500	G	N	ND	--
	50			B-500			ND	
18	52	Membrane Roof Over Built-up Roof	Plant 1, Roof assoc. w/ B-100	B-100	G	N	ND	--
	53			B-100			ND	
19	**55**	**Parapet Caulk**	**Plant 1, B-100**	**B-100**	**G**	**N**	**2% Chrysotile**	**400 LF**
	56			B-100			ND	
20	**57**	**Parapet Caulk**	**Plant 1, B-500**	**B-500**	**G**	**N**	**5% Chrysotile - Black Caulk** ND - White Caulk	**150 LF**
	58			**B-500**			**5% Chrysotile - Black Caulk** ND - White Caulk	
	59			**B-500**			**5% Chrysotile - Silver/Black Caulk** ND - White Caulk	
21	**60**	**Parapet Caulk**	**Plant 1, SW Roof Over Warehouse**	**East**	**G**	**N**	**5% Chrysotile - Black Caulk** ND - Grey Caulk	**400 LF**
	61			**Middle**			**5% Chrysotile - Black Caulk** ND - White Caulk	
	62			**West**			**0.0589% Chrysotile - Grey Caulk**	
22	63	Membrane Roof	Plant 2, B-1100	B-1100	G	N	ND	--
	64			B-1100			ND	
23	66	**Parapet Caulk**	**Plant 2, B-1100**	B-1100	**G**	**N**	ND	**150 LF**
	67			**B-1100**			**5% Chrysotile - Black Caulk** ND - White Caulk ND - Grey Caulk	
24	69	Expansion Joint Caulk	Plant 1	Warehouse, SE	G	N	ND	--
	70			Warehouse, N Wall			ND	
	71			Warehouse, E, Middle			ND	
25	72	Wall Joint Caulk	Plant 1	Warehouse, N Wall, West	G	N	ND	--
	73			Warehouse, N Wall, East			ND	

Table 1 - Summary of Analytical Results for Asbestos Sampling
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Sample Number	Material Description	Site Location	Sample Location	Condition (G/F/P)	Friable (Y/N)	Asbestos Content	Estimated Quantity
26	75	**CMU Fill, Vermiculite**	**Plant 1, Warehouse CMU Wall**	North Wall	**G**	**Y**	ND	**10,000 SF**
	76			**South Wall**			**<0.25% Actinolite - Gold Insulation**	
	77			NW Corner, Paint Booth			ND	
27	78	Blue Floor Skim Coat	Plant 1, Warehouse	North	G	N	ND	--
	78			South			ND	
	80		Plant 1, Anode/Cath Room	Middle			ND	
28	81	Drywall & Joint Compound	Plant 1	Warehouse Green Wall	G	Y	ND	--
	82			Adjacent 3A-1			ND	
	83			Basement, Outside Café; Point 1-14			ND	
29	84	Grey Speckle VFT and Mastic	Plant 1	Basement, Outside Café; Point 1-14	G	N	ND	--
	85			Basement, Outside Café; Point 1-14			ND	
30	87	Black 4" Cove Base and Mastic	Plant 1	Basement, Outside Café; Point 1-14	G	N	ND	--
	88			Basement, Outside Café; Point 1-14			ND	
31	90	Red Speckled VFT and Mastic	Plant 1	Basement, Café	G	N	ND	--
	91			Basement, Café			ND	
	92			Basement, Café			ND	
32	93	Black 6" Cove Base and Mastic	Plant 1	Basement, Café	F	N	ND	--
	94			Basement, Café			ND	
33	96	Tan Striped VFT and Mastic	Plant 1	Basement, Café	G	N	ND	--
	97			Basement, Café			ND	
39	99	Ceiling Tile	Plant 1, Basement	Café Ceiling	G	Y	ND	--
	100			Café Kitchen Ceiling			ND	
	101			Ceiling Above 1-2 Bore			ND	
40	102	Drywall	Plant 1, Basement	Bore 1-11	G	Y	ND	--
	103			Bore 1-11			ND	
	104	Unfinished Drywall		Bore 1-10			ND	
41	105	**Black Skim Coat**	**Plant 1, Basement**	Wood Above 1-10 Bore	**F**	**N**	ND	**250 SF**
	106			**Concrete Curb**			**4% Chrysotile**	
	107			**Concrete Curb**			**4% Chrysotile**	
42	108	Northeast Room Wall Insulation	Plant 1	N Wall	G	N	ND	--
	109			N Wall			ND	
43	111	Drywall & Joint Compound	Plant 1	Mezzanine Level	G	N	ND	--
	112			Mezzanine Level			ND	

Table 1 - Summary of Analytical Results for Asbestos Sampling
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Sample Number	Material Description	Site Location	Sample Location	Condition (G/F/P)	Friable (Y/N)	Asbestos Content	Estimated Quantity
44	**114**	**Asbestos Cement Panels**	**Plant 1**	**Mezzanine Level, Steps**	**F**	**N**	**5% Chrysotile**	**2,000 SF**
	115			**Mezzanine Level**			**5% Chrysotile**	
45	117	CMU Wall Insulation	Plant 1	Anode/Cathode Room, South	G	N	ND	--
	118			Anode/Cathode Room, North			ND	
46	120	Black 4" Cove Base and Mastic	Plant 1	Area Assoc. w/ Bore 5-7	G	N	ND	--
	121			Area Assoc. w/ Bore 5-7			ND	
47	123	Ceiling Tile	Plant 1	Plant Entryway	G	Y	ND	--
	124			Plant Entryway			ND	
48	126	Floor Coating	Plant 2	Bore 11-5	G	N	ND	--
	127			Between Bores 11-4 & 11-3			ND	
49	129	Drywall & Joint Compound	Plant 2	Walls between Bores 11-3 & 11-1	G	Y	ND	--
	130			Walls between Bores 11-3 & 11-1			ND	
50	132	White 4" Cove Base and Mastic	Plant 2	Bore 11-1	G	N	ND	--
	133			Bore 11-1			ND	
51	135	Window Caulk	Plant 2	S. Stairwell, Landing L5	F	Y	ND	--
	136			S. Stairwell, Landing L2.5			ND	
52	138	Expansion Joint Caulk	Plant 2	S. Stairwell, L1	G	N	ND	--
	139			S. Stairwell, L1			ND	

Notes:
ND = No Asbestos Detected
SF = Square Feet
LF = Linear Feet
EA = Each
CMU = Concrete Masonry Unit
Condition = Good (G), Fair (F), Poor (P)
Friable = Yes (Y), No (N)
VFT = Vinyl Floor Tile
Red values were found to contain greater than 1% Asbestos and are considered Asbestos Containing Materials (ACMs)
Bold asbestos concentrations were point counted (400-point count) to concentrations less than 1% and are not considered Asbestos Containing Materials (ACMs) as defined in the Vermont Regulations for Asbestos Control (V.S.A. Title 18, Chapter 26).

Table 2 - Summary of Analytical Results for Lead in Paint
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

	Total Lead by EPA Method 6010D (SW-846)					
	Sample ID, Location, Date, & Concentration					
	PS-01		PS-02		PS-03	
	White Paint; Structural Steel; Plant 1; Café Ceiling		White Paint; Wood; Basement Hallway Outside Café Kitchen		White Paint; Wood; NW Corner Room; Structural Beam	
	3/20/2025		3/20/2025		3/20/2025	
Parameter	**Result (mg/Kg)**	**Qualifier**	**Result (mg/Kg)**	**Qualifier**	**Result (mg/Kg)**	**Qualifier**
Total Lead by EPA Method 6010D (SW-846)	44		62		83	

NOTES:
Red values indicate paint meets the definition for Lead Based Paint by 24 CFR 35.110.
ND in the results column indicates that lead was not detected via the EPA Method 6010D (SW-846).

Table 3 - Summary of Analytical Results for PCBs in Mastics on Porous Materials
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

		PCBs by SW8082A			
		Sample ID, Location, Date, & Concentration			
		PCB-01		PCB-02	
		Black Vinyl Floor Tile Mastic; Plant 1; Basement; Café Steps, Bore 1-14		Yellow/Brown Tile Mastic; Plant 1; Basement; Café Floor, Bore 1-13	
		3/20/2025		3/20/2025	
Parameter	**CAS Number**	**Result (mg/Kg)**	**Qualifier**	**Result (mg/Kg)**	**Qualifier**
Aroclor 1016	12674-11-2	0.210	ND	1.000	ND
Aroclor 1221	11104-28-2	0.260	ND	1.300	ND
Aroclor 1232	11141-16-5	0.180	ND	0.880	ND
Aroclor 1242	53469-21-9	0.160	ND	0.800	ND
Aroclor 1248	12672-29-6	0.150	ND	0.710	ND
Aroclor 1254	11097-69-1	0.430		**5.200**	
Aroclor 1260	11096-82-5	0.180	ND	0.880	ND
Aroclor 1262	37324-23-5	0.190	ND	0.920	ND
Aroclor 1268	11100-14-4	0.140	ND	0.670	ND

NOTES:
Red values for PCBs are classified as Bulk Product Waste per 40 CFR 761.3.
Bold values for PCBs are classified as Excluded Bulk Product Waste per 40 CFR 761.3.
ND in the qualifier column indicates that the result was not detected at the Method Detection Limit (MDL).

Table 4 - Summary of ACM Samples and VIMS Construction
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Material Description	Site Location	Sample Location	Asbestos Content	Estimated Quantity	Photo	VIMS Construction Mitigation Measure
9	Drywall & Mastic	Plant 1	Room 1144	4% Chrysotile - Black Mastic ND - Tan Mastic ND - Brown Drywall	2,000 SF		Proposed Suction Point 4-1 will be relocated from the proposed location to avoid ACM disturbance
19	Parapet Caulk	Plant 1, B-100	B-100	2% Chrysotile	400 LF		Roof ledge for the Plant 1 Basement (Zone 1) blower will not be disturbed during construction to avoid ACM disturbance

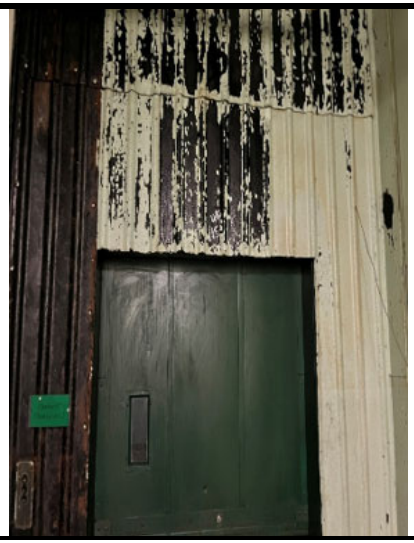
Table 4 - Summary of ACM Samples and VIMS Construction
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Material Description	Site Location	Sample Location	Asbestos Content	Estimated Quantity	Photo	VIMS Construction Mitigation Measure
20	Parapet Caulk	Plant 1, B-500	B-500	5% Chrysotile - Black Caulk ND - White Caulk	150 LF		Roof ledge for the Plant 1 (Zone 5) blower will not be disturbed during construction to avoid ACM disturbance
			B-500	5% Chrysotile - Black Caulk ND - White Caulk			
			B-500	5% Chrysotile - Silver/Black Caulk ND - White Caulk			
21	Parapet Caulk	Plant 1, SW Roof Over Warehouse	East	5% Chrysotile - Black Caulk ND - Grey Caulk	400 LF		Area will not be disturbed during VIMS construction
			Middle	5% Chrysotile - Black Caulk ND - White Caulk			
			West	0.0589% Chrysotile - Grey Caulk*			

Table 4 - Summary of ACM Samples and VIMS Construction
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Material Description	Site Location	Sample Location	Asbestos Content	Estimated Quantity	Photo	VIMS Construction Mitigation Measure
23	Parapet Caulk	Plant 2, B-1100	B-1100	5% Chrysotile - Black Caulk ND - White Caulk ND - Grey Caulk	150 LF		Area will not be disturbed during VIMS construction
41	Black Skim Coat	Plant 1, Basement	Concrete Curb	4% Chrysotile	250 SF		Area will be identified in the field as "ACM Do Not Disturb". The Plant 1 Basement above grade piping will be field fit to avoid this area.
			Concrete Curb	4% Chrysotile			

Table 4 - Summary of ACM Samples and VIMS Construction
Limited Building Materials Survey - Bennington, VT
Energizer Holdings, Inc.

Material Number	Material Description	Site Location	Sample Location	Asbestos Content	Estimated Quantity	Photo	VIMS Construction Mitigation Measure
44	Asbestos Cement Panels	Plant 1	Mezzanine Level, Steps	5% Chrysotile	2,000 SF		Area will be identified in the field as "ACM Do Not Disturb". The Plant 1 Main Floor above grade piping will be field fit to avoid this area.
			Mezzanine Level	5% Chrysotile			

Notes:
ACM: Asbestos Containing Material
SF = Square Feet
LF = Linear Feet

ATTACHMENT C PHOTOGRAPHIC LOG

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
1	3/19/25

Description:

01-1

Wall Paneling; Plant 1, L1, Room 1150; SW Corner Doorway

No Asbestos Detected



01-2

Wall Paneling; Plant 1, L1, Room 1150; S Wall

No Asbestos Detected

01-3

Wall Paneling; Plant 1, VMP-8; Above VMP-8 as Celling Tile

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
2	3/19/25

Description:

02-4

Concrete Expansion Joint Caulk; Plant 1, L1; Room 1150

No Asbestos Detected



02-5

Concrete Expansion Joint Caulk; Plant 1, L1; Loading Dock Area

No Asbestos Detected

02-6

Concrete Expansion Joint Caulk; Plant 1, L1; W. Wall Outside Rm 1128

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
3	3/19/25

Description:

03-7

Drywall; Plant 1 Room 1145; S Wall, Middle

No Asbestos Detected



03-8

Drywall; Plant 1 Room 1145; W Wall, Corner

No Asbestos Detected

03-9

Drywall; Plant 1 Room 1145; E Wall Stairwell

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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4	3/19/25

Description:

04-10

Cove Base and Mastic; Plant 1, Room 1145; W. Wall Corner

No Asbestos Detected



04-11

Cove Base and Mastic; Plant 1, Room 1145; E. Wall, Stairwell

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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5	3/19/25

Description:

05-13

Ceiling Tile; Plant 1, Room 1145; Round Fissure, E Wall

No Asbestos Detected

05-14

Ceiling Tile; Plant 1, Room 1145; Round Fissure, E Wall

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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6	3/19/25

Description:

06-16

Ceiling Tile; Plant 1 Room 1145; Long Fissure, E Wall

No Asbestos Detected

06-17

Ceiling Tile; Plant 1 Room 1145; Long Fissure, E Wall

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
7	3/19/25

Description:

07-19

Tan Mastic; Plant 1; Room 1139

No Asbestos Detected

07-20

Tan Mastic; Plant 1; Room 1139

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
8	3/19/25

Description:

08-22

Tile Floor; Plant 1; Women's Restroom

No Asbestos Detected

08-23

Tile Floor; Plant 1; Men's Restroom

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
9	3/19/25

Description:

09-25

Drywall & Mastic; Plant 1; Room 1144

No Asbestos Detected

09-26

Drywall & Mastic; Plant 1; Room 1144

4% Chrysotile - Black Mastic
ND - Tan Mastic
ND - Brown Drywall



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
10	3/19/25

Description:

10-28

Fireproofing; Plant 1; Room 1152

<0.25% Actinolite - Beige Fireproofing



10-29

Fireproofing; Plant 1; Room 1152

<0.25% Actinolite - Beige Fireproofing*

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
11	3/19/25

Description:

11-31

Drywall/Joint Compound & Mastic; Plant 1; Room 1152

No Asbestos Detected



11-32

Drywall/Joint Compound & Mastic; Plant 1; Room 1152

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
12	3/19/25

Description:

12-34

Flooring Material;
Plant 1; Room 1152

No Asbestos Detected

12-35

Flooring Material;
Plant 1; Room 1152

No Asbestos Detected



ERM		PHOTOGRAPHIC LOG
Project Name: Energizer Holdings, Inc. Limited Regulated Building Materials Survey	**Site Location:** 401 Gage Street, Bennington, VT 05201	**Project No.** 0743167

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13	3/19/25

Description:

13-37

Membrane Roof Over Built-up Roof; Plant 1, SW Roof assoc. w/ Warehouse; NE Corner

No Asbestos Detected



13-38

Membrane Roof Over Built-up Roof; Plant 1, SW Roof assoc. w/ Warehouse; S., Middle

No Asbestos Detected

13-39

Membrane Roof Over Built-up Roof; Plant 1, SW Roof assoc. w/ Warehouse; W., Middle

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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14	3/19/25

Description:

14-40

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-800 & B-900; B-800, W, Middle

No Asbestos Detected



14-41

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-800 & B-900; B-900, E, Middle

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No. 15	Date: 3/19/25

Description:

15-43

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-600; B-600, North Roof

No Asbestos Detected



15-44

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-600; B-600, South Roof

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
16	3/19/25

Description:

16-46

Membrane Roof Over Plywood; Plant 1, Roof assoc. w/ B-400; B-400

No Asbestos Detected

16-47

Membrane Roof Over Plywood; Plant 1, Roof assoc. w/ B-400; B-400

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
17	3/19/25

Description:

17-49

Membrane Roof Over Plywood & Built-up Roof; Plant 1, Roof assoc. w/ B-500; B-500

No Asbestos Detected

17-50

Membrane Roof Over Plywood & Built-up Roof; Plant 1, Roof assoc. w/ B-500; B-500

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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18	3/19/25

Description:

18-52

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-100; B-100

No Asbestos Detected

18-53

Membrane Roof Over Built-up Roof; Plant 1, Roof assoc. w/ B-100; B-100

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
19	3/19/25

Description:

19-55

Parapet Caulk; Plant 1, B-100; B-100

2% Chrysotile



19-56

Parapet Caulk; Plant 1, B-100; B-100

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
20	3/19/25

Description:

20-57

Parapet Caulk; Plant 1, B-500; B-500

5% Chrysotile - Black Caulk
ND - White Caulk

20-58

Parapet Caulk; Plant 1, B-500; B-500

5% Chrysotile - Black Caulk
ND - White Caulk

20-59

Parapet Caulk; Plant 1, B-500; B-500

5% Chrysotile – Silver/Black Caulk
ND - White Caulk



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
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21	3/19/25

Description:

21-60

Parapet Caulk; Plant 1, SW Roof Over Warehouse; East

5% Chrysotile - Black Caulk
ND - Grey Caulk



21-61

Parapet Caulk; Plant 1, SW Roof Over Warehouse; Middle

5% Chrysotile - Black Caulk
ND - White Caulk

21-62

Parapet Caulk; Plant 1, SW Roof Over Warehouse; West

0.0589% Chrysotile - Grey Caulk

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
22	3/19/25

Description:

22-63

Membrane Roof; Plant 2, B-1100; B-1100

No Asbestos Detected



22-64

Membrane Roof; Plant 2, B-1100; B-1100

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
23	3/19/25

Description:

23-66

Parapet Caulk; Plant 2, B-1100; B-1100

No Asbestos Detected



23-67

Parapet Caulk; Plant 2, B-1100; B-1100

5% Chrysotile - Black Caulk
ND - White Caulk
ND - Grey Caulk

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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24	3/20/25

Description:

24-69

Expansion Joint Caulk; Plant 1; Warehouse, SE

No Asbestos Detected



24-70

Expansion Joint Caulk; Plant 1; Warehouse, N Wall

No Asbestos Detected

24-71

Expansion Joint Caulk; Plant 1; Warehouse, E, Middle

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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25	3/20/25

Description:

25-72

Wall Joint Caulk; Plant 1; Warehouse, N Wall, West

No Asbestos Detected

25-73

Wall Joint Caulk; Plant 1; Warehouse, N Wall, East

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

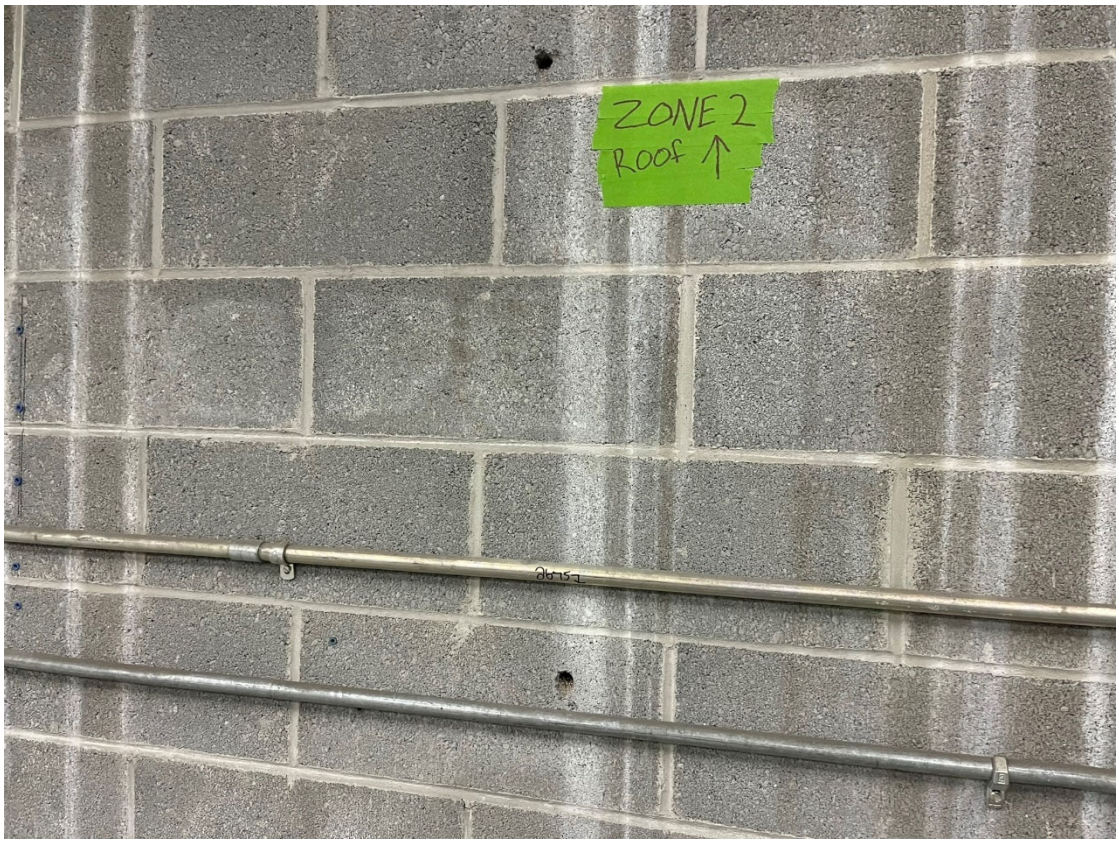
Page No.	Date:
26	3/20/25

Description:

26-75

CMU Fill, Vermiculite; Plant 1, Warehouse CMU Wall; North Wall

No Asbestos Detected



26-76

CMU Fill, Vermiculite; Plant 1, Warehouse CMU Wall; South Wall

<0.25% Actinolite - Gold Insulation

26-77

CMU Fill, Vermiculite; Plant 1, Warehouse CMU Wall; NW Corner, Paint Booth

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

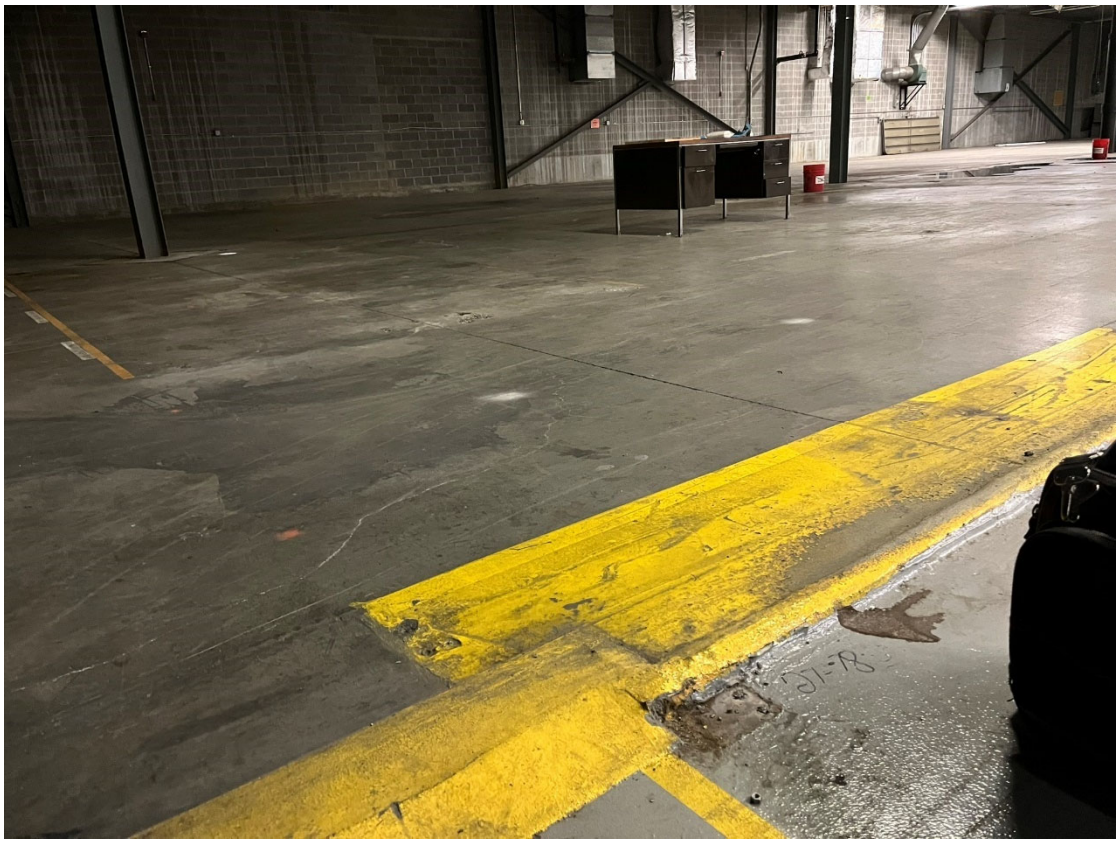
Page No.	Date:
27	3/20/25

Description:

27-78

Blue Floor Skim Coat; Plant 1, Warehouse; North

No Asbestos Detected



27-79

Blue Floor Skim Coat; Plant 1, Warehouse; South

No Asbestos Detected

27-80

Blue Floor Skim Coat; Plant 1, Anode/Cath Room; Middle

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No. 28	Date: 3/20/25

Description:

28-81

Drywall & Joint Compound; Plant 1; Warehouse Green Wall

No Asbestos Detected



28-82

Drywall & Joint Compound; Plant 1; Adjacent to 3A-1

No Asbestos Detected

28-83

Drywall & Joint Compound; Plant 1; Basement, Outside Café; Point 1-14

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

29-84

Grey Speckle VFT and Mastic; Plant 1; Basement, Outside Café; Point 1-14

No Asbestos Detected



29-85

Grey Speckle VFT and Mastic; Plant 1; Basement, Outside Café; Point 1-14

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
30	3/20/25

Description:

30-87

Black 4” Cove Base and Mastic; Plant 1; Basement, Outside Café; Point 1-14

No Asbestos Detected



30-88

Black 4” Cove Base and Mastic; Plant 1; Basement, Outside Café; Point 1-14

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

31-90

Red Speckle VFT and Mastic; Plant 1; Basement, Café

No Asbestos Detected



31-91

Red Speckle VFT and Mastic; Plant 1; Basement, Café

No Asbestos Detected

31-92

Red Speckle VFT and Mastic; Plant 1; Basement, Café

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

32-93

Black 6” Cove Base and Mastic; Plant 1; Basement, Café

No Asbestos Detected



32-94

Black 6” Cove Base and Mastic; Plant 1; Basement, Café

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

33-96

Tan Striped VFT and Mastic; Plant 1; Basement, Café

No Asbestos Detected



33-97

Tan Striped VFT and Mastic; Plant 1; Basement, Café

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

39-99

Ceiling Tile; Plant 1, Basement; Café Ceiling

No Asbestos Detected



39-100

Ceiling Tile; Plant 1, Basement; Café Kitchen Ceiling

No Asbestos Detected

39-101

Ceiling Tile; Plant 1, Basement; Ceiling Above 1-2 Bore

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

40-102

Drywall; Plant 1, Basement; Bore 1-11

No Asbestos Detected



40-103

Drywall; Plant 1, Basement; Bore 1-11

No Asbestos Detected

40-104

Unfinished Drywall; Plant 1, Basement; Bore 1-10

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

41-105

Black Skim Coat; Plant 1, Basement; Wood Above 1-10 Bore

No Asbestos Detected



41-106

Black Skim Coat; Plant 1, Basement; Concrete Curb

4% Chrysotile

41-107

Black Skim Coat; Plant 1, Basement; Concrete Curb

4% Chrysotile

ERM		PHOTOGRAPHIC LOG
Project Name: Energizer Holdings, Inc. Limited Regulated Building Materials Survey	**Site Location:** 401 Gage Street, Bennington, VT 05201	**Project No.** 0743167

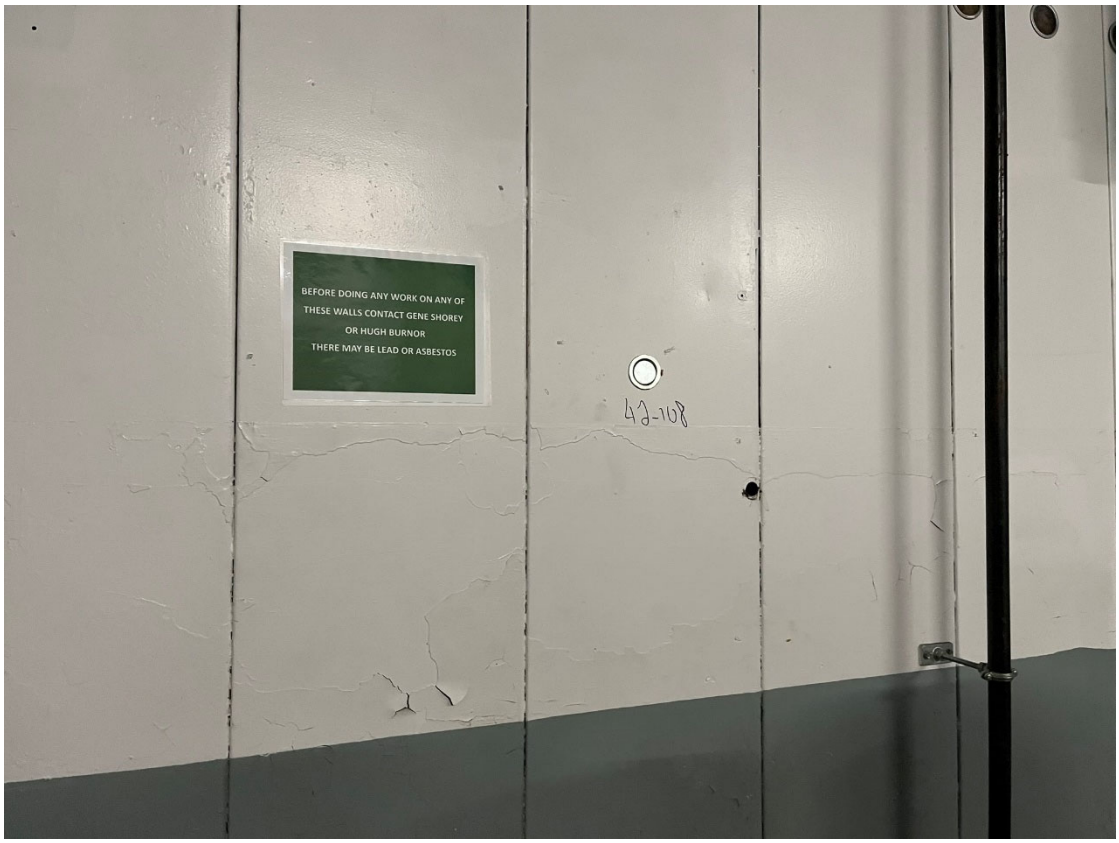
Page No.	**Date:**
37	3/20/25

Description:

42-108

Northeast Room
Wall Insulation;
Plant 1; N. Wall

No Asbestos
Detected



42-109

Northeast Room
Wall Insulation;
Plant 1; N. Wall

No Asbestos
Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

43-111

Drywall & Joint Compound; Plant 1; Mezzanine Level

No Asbestos Detected

43-112

Drywall & Joint Compound; Plant 1; Mezzanine Level

No Asbestos Detected



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

44-114

Asbestos Cement Panels; Plant 1; Mezzanine Level, Steps

5% Chrysotile



44-115

Asbestos Cement Panels; Plant 1; Mezzanine Level

5% Chrysotile

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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40	3/20/25

Description:

45-117

CMU Wall Insulation; Plant 1; Anode/Cathode Room, South

No Asbestos Detected



45-118

CMU Wall Insulation; Plant 1; Anode/Cathode Room, North

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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41	3/20/25

Description:

46-120

Black 4” Cove Base and Mastic; Plant 1; Area Assoc. w/ Bore 5-7

No Asbestos Detected



46-121

Black 4” Cove Base and Mastic; Plant 1; Area Assoc. w/ Bore 5-7

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
42	3/20/25

Description:

47-123

Ceiling Tile; Plant 1; Plant Entryway

No Asbestos Detected



47-124

Ceiling Tile; Plant 1; Plant Entryway

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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43	3/20/25

Description:

48-126

Floor Coating; Plant 2; Bore 11-5

No Asbestos Detected



48-127

Floor Coating; Plant 2; Between Bores 11-4 & 11-3

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
44	3/20/25

Description:

49-129

Drywall & Joint Compound; Plant 2; Walls Between Bores 11-3 & 11-1

No Asbestos Detected



49-130

Drywall & Joint Compound; Plant 2; Walls Between Bores 11-3 & 11-1

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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Description:

50-132

White 4” Cove Base and Mastic; Plant 2; Bore 11-1

No Asbestos Detected



50-133

White 4” Cove Base and Mastic; Plant 2; Bore 11-1

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

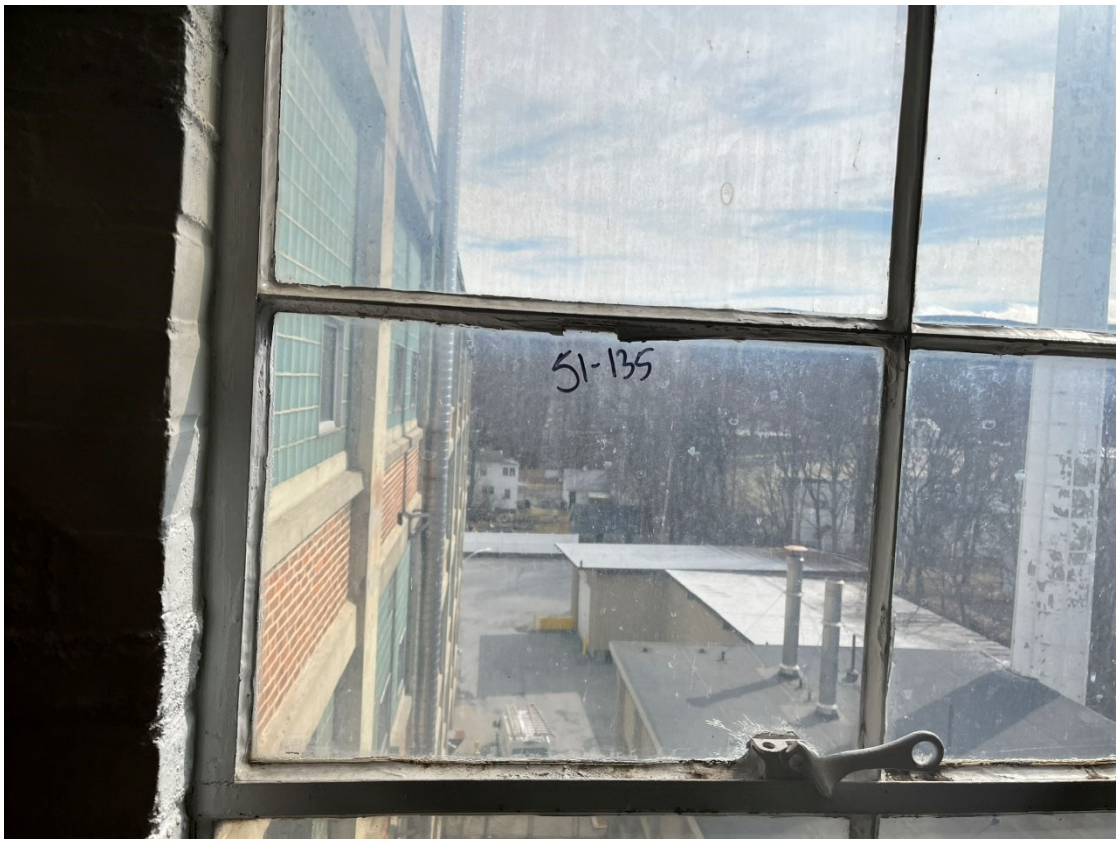
Page No.	Date:
46	3/20/25

Description:

51-135

Window Caulk; Plant 2; S. Stairwell, Landing L5

No Asbestos Detected



51-136

Window Caulk; Plant 2; S. Stairwell, Landing L2.5

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

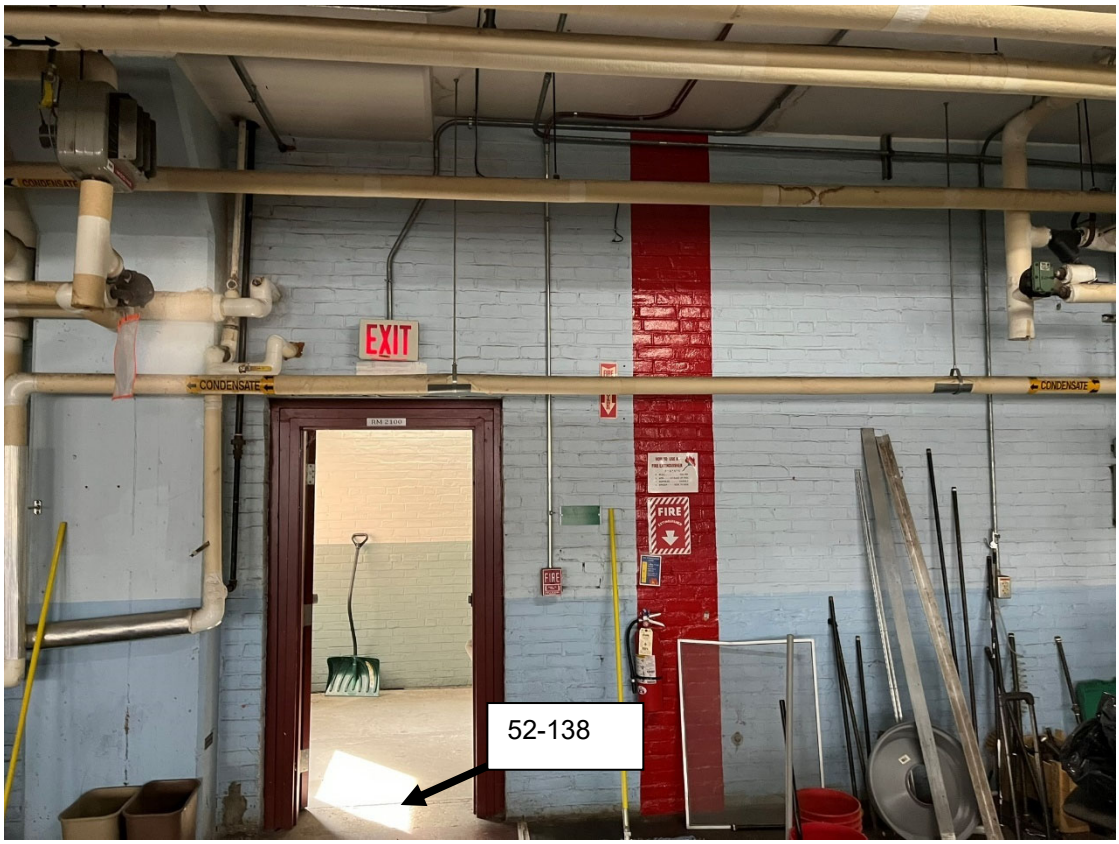
Page No.	Date:
47	3/20/25

Description:

52-138

Expansion Joint Caulk; Plant 2; S. Stairwell, L1

No Asbestos Detected



52-139

Expansion Joint Caulk; Plant 2; S. Stairwell, L1

No Asbestos Detected

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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48	3/20/25

Description:

PCB-01

Black Vinyl Floor Tile Mastic; Plant 1; Basement; Café Steps, Bore 1-14

PCB Content (mg/Kg):

Aroclor 1016: <0.210
Aroclor 1221: <0.260
Aroclor 1232: <0.180
Aroclor 1242: <0.160
Aroclor 1248: <0.150
Aroclor 1254: 0.430
Aroclor 1260: <0.180
Aroclor 1262: <0.190
Aroclor 1268: <0.140



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

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49	3/20/25

Description:

PCB-02

Yellow/Brown Tile Mastic; Plant 1; Basement; Café Floor, Bore 1-13

PCB Content (mg/Kg):

Aroclor 1016: <1.000
Aroclor 1221: <1.300
Aroclor 1232: <0.880
Aroclor 1242: <0.800
Aroclor 1248: <0.710
Aroclor 1254: 5.200
Aroclor 1260: <0.880
Aroclor 1262: <0.920
Aroclor 1268: <0.670



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
50	3/20/25

Description:

PS-01

White Paint; Structural Steel; Plant 1; Café Ceiling

Lead Results (mg/Kg):

44



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
51	3/20/25

Description:

PS-02

White Paint; Wood; Basement Hallway Outside Café Kitchen

Lead Results (mg/Kg):

62



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
52	3/20/25

Description:

PS-03

White Paint; Wood; NW Corner Room; Structural Beam

Lead Results (mg/Kg):

83



ATTACHMENT D LABORATORY ANALYTICAL RESULTS

eurofins | Built Environment Testing

Report for:

Jeremy Bittlebrun
ERM - Texas
840 West Sam Houston Parkway Suite 600
Houston, TX 77024

Regarding: Eurofins Built Environment Testing Central, LLC
Project: 0776278; Energizer VIMS - Pre Construction
EML ID: 4007958

Approved by:



Business Unit Manager
Scott Ward

Dates of Analysis:
Asbestos PLM (Layer %): 03-31-2025 and 04-01-2025

Service SOPs: Asbestos PLM (Layer %) (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EM-AS-S-1267)
NVLAP Lab Code 200525-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. The results relate only to the samples as received and tested. The results include an inherent uncertainty of measurement associated with estimating percentages by polarized light microscopy. Measurement uncertainty data for sample results with >1% asbestos concentration can be provided when requested.

Eurofins Built Environment Testing Central, LLC ("the Company"), a member of the Eurofins Built Environment Testing group of companies, shall have no liability to the client or the client's customer with respect to decisions or recommendations made, actions taken or courses of conduct implemented by either the client or the client's customer as a result of or based upon the Test Results. In no event shall the Company be liable to the client with respect to the Test Results except for the Company's own willful misconduct or gross negligence nor shall the Company be liable for incidental or consequential damages or lost profits or revenues to the fullest extent such liability may be disclaimed by law, even if the Company has been advised of the possibility of such damages, lost profits or lost revenues. In no event shall the Company's liability with respect to the Test Results exceed the amount paid to the Company by the client therefor.

Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
Date of Receipt: 03-24-2025 and 03-27-2025
Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
01-1. 19949925-1	Layer 1 Blue Paint / Tectum Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
01-2. 19949926-1	Layer 1 Tan Tectum Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
01-3. 19949927-1	Layer 1 Tan Tectum Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
02-4. 19949928-1	Layer 1 Gray Expansion Joint Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
02-5. 19949929-1	Layer 1 Brown Expansion Joint Homogeneity:Good	Not Detected	75% Cellulose 25% Non-Fibrous Material	
02-6. 19949930-1	Layer 1 White/ Gray Expansion Joint Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
03-7. 19949931-1	Layer 1 Blue Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
03-8. 19949932-1	Layer 1 Gray Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 White Paint / Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
03-9. 19949933-1	Layer 1 Gray Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Tape Homogeneity:Good	Not Detected	100% Cellulose	

Comments:

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. The Company reserves the right to dispose of all samples after a period of thirty (30) days, according to all state and federal guidelines, unless otherwise specified. Inhomogeneous samples are separated into homogeneous subsamples and analyzed individually. ND means no fibers of that type were detected. When detected, the minimum detection and reporting limit is less than 1% unless point counting is performed. Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

‡ A "Version" indicated by -"x" after the Lab ID# with a value greater than 1 indicates a sample with amended data. The revision number is reflected by the value of "x".

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713-290-0223 www.eurofinsus.com/Built

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C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
Date of Receipt: 03-24-2025 and 03-27-2025
Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
03-9. 19949933-1(cont.)	Layer 3 White Joint Compound Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 4 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
04-10. 19949934-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
04-11. 19949935-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
05-13. 19949936-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	55% Cellulose 42% Non-Fibrous Material 3% Mineral Wool	
05-14. 19949937-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	55% Cellulose 42% Non-Fibrous Material 3% Mineral Wool	
06-16. 19949938-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	55% Cellulose 42% Non-Fibrous Material 3% Mineral Wool	
06-17. 19949939-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	55% Cellulose 35% Non-Fibrous Material 10% Mineral Wool	
07-19. 19949940-1	Layer 1 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
07-20. 19949941-1	Layer 1 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
08-22. 19949942-1	Layer 1 Red Ceramic Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

Comments:

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

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C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
Date of Receipt: 03-24-2025 and 03-27-2025
Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
08-22. 19949942-1(cont.)	Layer 2 Gray Grout Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Beige Thinset Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
08-23. 19949943-1	Layer 1 Red Ceramic Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Gray Grout Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Beige Thinset Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
09-25. 19949944-1	Layer 1 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
09-26. 19949945-1	Layer 1 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Black Mastic Homogeneity:Good	4% Chrysotile	96% Non-Fibrous Material	
	Layer 3 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
10-28. 19949946-1	Layer 1 Beige Fireproofing Homogeneity:Good	< 1% Actinolite	83% Non-Fibrous Material 15% Cellulose 2% Glass Fibers	
10-29. 19949947-1	Layer 1 Beige Fireproofing Homogeneity:Good	< 1% Actinolite	83% Non-Fibrous Material 15% Cellulose 2% Glass Fibers	

Comments:

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

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Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
11-31. 19949948-1(cont.)	Layer 1 Brown Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
11-32. 19949949-1	Layer 1 Brown Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
12-34. 19949950-1	Layer 1 Gray Flooring Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
12-35. 19949951-1	Layer 1 Gray Flooring Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
13-37. 19949952-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers	
	Layer 3 Pink Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

Comments:

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

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3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
Date of Receipt: 03-24-2025 and 03-27-2025
Date of Report: 04-02-2025

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13-38. 19949953-1(cont.)	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers	
13-39. 19949954-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers	
	Layer 3 Pink Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
14-40. 19949955-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers < 1% Hair/Wool	
	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
14-41. 19949956-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	

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14-41. 19949956-1(cont.)	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers < 1% Hair/Wool	
	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
15-43. 19949957-1	Layer 1 Black Roofing Membrane Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers < 1% Hair/Wool	
	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
15-44. 19949958-1	Layer 1 Black Roofing Membrane Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	93% Non-Fibrous Material 5% Cellulose 2% Glass Fibers < 1% Hair/Wool	

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15-44. 19949958-1(cont.)	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
16-46. 19949959-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 3 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 4 Black Roofing Tar Homogeneity:Good	Not Detected	98% Non-Fibrous Material 2% Cellulose < 1% Glass Fibers	
	Layer 5 Tan Wood Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
16-47. 19949960-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 3 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

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Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
16-47. 19949960-1(cont.)	Layer 4 Black Roofing Tar Homogeneity:Good	Not Detected	98% Non-Fibrous Material 2% Cellulose < 1% Glass Fibers	
	Layer 5 Tan Wood Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
17-49. 19949961-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	78% Non-Fibrous Material 20% Cellulose 2% Glass Fibers	
	Layer 3 Black Felt Homogeneity:Good	Not Detected	70% Glass Fibers 30% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 5 Tan Wood Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
17-50. 19949962-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	78% Non-Fibrous Material 20% Cellulose 2% Glass Fibers	
	Layer 3 Black Felt Homogeneity:Good	Not Detected	70% Glass Fibers 30% Non-Fibrous Material	

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Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
17-50. 19949962-1(cont.)	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 5 Tan Wood Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
18-52. 19949963-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	100% Non-Fibrous Material < 1% Cellulose < 1% Glass Fibers	
	Layer 3 Black Felt Homogeneity:Good	Not Detected	70% Glass Fibers 30% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
18-53. 19949964-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Black Roofing Tar Homogeneity:Good	Not Detected	100% Non-Fibrous Material < 1% Cellulose < 1% Glass Fibers	
	Layer 3 Black Felt Homogeneity:Good	Not Detected	70% Glass Fibers 30% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
19-55. 19949965-1	Layer 1 Black Caulk Homogeneity:Good	2% Chrysotile	98% Non-Fibrous Material	
19-56. 19949966-1	Layer 1 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

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20-57. 19949967-1	Layer 1 Black Caulk Homogeneity:Good	5% Chrysotile	95% Non-Fibrous Material	
	Layer 2 White Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
20-58. 19949968-1	Layer 1 Black Caulk Homogeneity:Good	5% Chrysotile	95% Non-Fibrous Material	
	Layer 2 White Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
21-60. 19949969-1	Layer 1 Black Caulk Homogeneity:Good	5% Chrysotile	95% Non-Fibrous Material	
	Layer 2 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
21-61. 19949970-1	Layer 1 Black Caulk Homogeneity:Good	5% Chrysotile	95% Non-Fibrous Material	
	Layer 2 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
21-62. 19949971-1	Layer 1 Gray Caulk Homogeneity:Good	< 1% Chrysotile	100% Non-Fibrous Material < 1% Cellulose	
22-63. 19949972-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Tan Adhesive Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

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22-63. 19949972-1(cont.)	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
22-64. 19949973-1	Layer 1 White Roofing Membrane Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Synthetic Fibers	
	Layer 2 Tan Adhesive Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Gray Felt Homogeneity:Good	Not Detected	93% Cellulose 5% Glass Fibers 2% Non-Fibrous Material	
	Layer 4 Yellow Foam Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
23-66. 19949974-1	Layer 1 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
23-67. 19949975-1	Layer 1 White Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Black Caulk Homogeneity:Good	5% Chrysotile	95% Non-Fibrous Material	
24-69. 19949976-1	Layer 1 Gray Expansion Joint Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
24-70. 19949977-1	Layer 1 Gray Expansion Joint Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
24-71. 19949978-1	Layer 1 Gray Expansion Joint Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

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25-72. 19949979-1	Layer 1 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
25-73. 19949980-1	Layer 1 Gray Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
26-75. 19949981-1	Layer 1 Gold Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
26-76. 19949982-1	Layer 1 Gold Insulation Homogeneity:Good	< 1% Actinolite	100% Non-Fibrous Material	
26-77. 19949983-1	Layer 1 Gold Insulation Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
27-78. 19949984-1	Layer 1 Gray Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
27-79. 19949985-1	Layer 1 Gray Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
27-80. 19949986-1	Layer 1 Gray Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
28-81. 19949987-1	Layer 1 Green Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
28-82. 19949988-1	Layer 1 White Paint / Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Red Paint / Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
28-83. 19949989-1	Layer 1 White Paint / Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	

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29-84. 19949990-1(cont.)	Layer 1 Gray Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
29-85. 19949991-1	Layer 1 Gray Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
30-87. 19949992-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Tan Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
30-88. 19949993-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Tan Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
31-90. 19949994-1	Layer 1 Beige Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
31-91. 19949995-1	Layer 1 Beige Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

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3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
Date of Receipt: 03-24-2025 and 03-27-2025
Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
31-92. 19949996-1(cont.)	Layer 1 Beige Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
32-93. 19949997-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Brown Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
32-94. 19949998-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 3 Brown Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
33-96. 19949999-1	Layer 1 Tan Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
33-97. 19950000-1	Layer 1 Tan Floor Tile Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Yellow Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

Comments:

The total percentage of sample components shown may be greater than 100% when some components are detected at <1%.

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Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
39-99. 19950001-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
39-100. 19950002-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
39-101. 19950003-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	90% Cellulose 10% Non-Fibrous Material	
40-102. 19950004-1	Layer 1 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
40-103. 19950005-1	Layer 1 White Plastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Fiberboard Homogeneity:Good	Not Detected	98% Cellulose 2% Non-Fibrous Material	
	Layer 3 Tan Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 4 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
40-104. 19950006-1	Layer 1 White Fiberboard Homogeneity:Good	Not Detected	98% Cellulose 2% Non-Fibrous Material	
41-105. 19950007-1	Layer 1 Black Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Wood Homogeneity:Good	Not Detected	100% Cellulose	
41-106. 19950008-1	Layer 1 Black Mastic Homogeneity:Good	4% Chrysotile	96% Non-Fibrous Material	

Comments:

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Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
41-107. 19950009-1	Layer 1 Black Mastic Homogeneity:Good	4% Chrysotile	96% Non-Fibrous Material	
42-108. 19950010-1	Layer 1 Pink Insulation Homogeneity:Good	Not Detected	98% Mineral Wool 2% Non-Fibrous Material	
42-109. 19950011-1	Layer 1 Pink Insulation Homogeneity:Good	Not Detected	98% Mineral Wool 2% Non-Fibrous Material	
43-111. 19950012-1	Layer 1 Green Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Tape Homogeneity:Good	Not Detected	100% Cellulose	
	Layer 3 White Joint Compound Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 4 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose	
43-112. 19950013-1	Layer 1 Green Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
44-114. 19950014-1	Layer 1 Black Mastic / Wrap Homogeneity:Good	5% Chrysotile	50% Cellulose 45% Non-Fibrous Material < 1% Hair/Wool	A
44-115. 19950015-1	Layer 1 Black Mastic / Wrap Homogeneity:Good	5% Chrysotile	50% Cellulose 45% Non-Fibrous Material < 1% Hair/Wool	A
45-117. 19950016-1	Layer 1 Tan Insulation Homogeneity:Good	Not Detected	97% Mineral Wool 3% Non-Fibrous Material	
45-118. 19950017-1	Layer 1 Tan Insulation Homogeneity:Good	Not Detected	97% Mineral Wool 3% Non-Fibrous Material	

Comments: A)Sample type does not match COC.

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Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
46-120. 19950018-1(cont.)	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Tan Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
46-121. 19950019-1	Layer 1 Black Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
47-123. 19950020-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	92% Non-Fibrous Material 8% Cellulose < 1% Glass Fibers	
47-124. 19950021-1	Layer 1 White Ceiling Tile Homogeneity:Good	Not Detected	92% Non-Fibrous Material 8% Cellulose < 1% Glass Fibers	
48-126. 19950022-1	Layer 1 Brown Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
48-127. 19950023-1	Layer 1 Brown Coating Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Gray Concrete Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
49-129. 19950024-1	Layer 1 Blue Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	
49-130. 19950025-1	Layer 1 Beige Paint / White Texture Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Brown Drywall Homogeneity:Good	Not Detected	90% Non-Fibrous Material 10% Cellulose < 1% Glass Fibers	

Comments:

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Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
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Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

Sample ID # Lab-ID version	Sample Description	Asbestos Constituents	Non-Asbestos Constituents	Comment
50-132. 19950026-1	Layer 1 Off-White Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
50-133. 19950027-1	Layer 1 Off-White Cove Base Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Cove Base Mastic Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
51-135. 19950028-1	Layer 1 White Window Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material < 1% Talc	
	Layer 2 Light Gray Window Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material < 1% Talc	
51-136. 19950029-1	Layer 1 Cream Window Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
	Layer 2 Beige Window Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	
52-138. 19950030-1	Layer 1 Black Expansion Joint Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Mineral Wool < 1% Cellulose	
52-139. 19950031-1	Layer 1 Black Expansion Joint Homogeneity:Good	Not Detected	85% Non-Fibrous Material 15% Mineral Wool < 1% Cellulose	
20-59. 19963782-1	Layer 1 Silver/ Black Caulk Homogeneity:Good	5% Chrysotile	85% Non-Fibrous Material 10% Glass Fibers	
	Layer 2 White Caulk Homogeneity:Good	Not Detected	100% Non-Fibrous Material	

Comments:

Analyst(s): Alexis Mitchell
Mark Silver

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713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-21-2025 and 03-27-2025
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Date of Report: 04-02-2025

Bulk Asbestos Fiber Analysis by Polarized Light Microscopy (PLM)
Appx E Sub E 40 CFR 763 / EPA 600/R-93/116

PROJECT ANALYSTS AND SIGNATORY REPORT

Project Analysts



Analyst: Alexis Mitchell



Analyst: Mark Silver

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Report for:

Jeremy Bittlebrun
ERM - Texas
840 West Sam Houston Parkway Suite 600
Houston, TX 77024

Regarding: Eurofins Built Environment Testing Central, LLC
Project: 0776278; Energizer VIMS - Pre Construction
EML ID: 4007958

Approved by:



Business Unit Manager
Scott Ward

Dates of Analysis:
Asbestos-EPA 400 point count: 04-04-2025

Service SOPs: Asbestos-EPA 400 point count (EPA 40CFR App E to Sub E of Part 763 & EPA METHOD 600/R-93-116, SOP EB-AS-S-1262)
NVLAP Lab Code 200525-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

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Eurofins Built Environment Testing Central, LLC
3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-27-2025
Date of Receipt: 03-27-2025
Date of Report: 04-04-2025

ASBESTOS POINT COUNT REPORT

Location:	10-28		
Total Points Counted:	400		
Lab ID-Version‡:	19970182-1		
Sample Layers	**Asbestos Type**	**Asbestos Points Counted**	**Asbestos Concentration (%)**
Beige Fireproofing	Actinolite	0	< 0.25
Layer Totals:		0	NA

Location:	10-29		
Total Points Counted:	400		
Lab ID-Version‡:	19970183-1		
Sample Layers	**Asbestos Type**	**Asbestos Points Counted**	**Asbestos Concentration (%)**
Beige Fireproofing	Actinolite	0	< 0.25
Layer Totals:		0	NA

Location:	26-76		
Total Points Counted:	400		
Lab ID-Version‡:	19970185-1		
Sample Layers	**Asbestos Type**	**Asbestos Points Counted**	**Asbestos Concentration (%)**
Gold Insulation	Actinolite	0	< 0.25
Layer Totals:		0	NA

The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and multiplied by 100.

The results relate only to the items tested. Interpretation is left to the company and/or persons who conducted the field work. The test report shall not be reproduced except in full, without written approval of the laboratory. The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government.

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Floor tile samples may contain large amounts of interference material and it is recommended that the sample be analyzed by gravimetric point count analysis to lower the detection limit and to aid in asbestos identification.

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3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-27-2025
Date of Receipt: 03-27-2025
Date of Report: 04-04-2025

ASBESTOS POINT COUNT REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Mark Silver

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Report for:

Jeremy Bittlebrun
ERM - Texas
840 West Sam Houston Parkway Suite 600
Houston, TX 77024

Regarding: Eurofins Built Environment Testing Central, LLC
Project: 0776278; Energizer VIMS - Pre Construction
EML ID: 4007958

Approved by:



Business Unit Manager
Scott Ward

Dates of Analysis:
Asbestos-Gravimetric 400 Point Count: 04-08-2025

Service SOPs: Asbestos-Gravimetric 400 Point Count (EM-AS-S-1264)
NVLAP Lab Code 200525-0

All samples were received in acceptable condition unless noted in the Report Comments portion in the body of the report. Due to the nature of the analyses performed, field blank correction of results is not applied. The results relate only to the samples as received and tested.

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3113 Red Bluff Road, Pasadena, TX 77503
713-290-0223 www.eurofinsus.com/Built

Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-27-2025
Date of Receipt: 03-27-2025
Date of Report: 04-08-2025

ASBESTOS GRAVIMETRIC PT. COUNT REPORT

Location:	21-62		
Sample Layer	**Asbestos Type**	**Asbestos Points Counted**	**Asbestos Concentration§**
Gray Caulk	Chrysotile	1	0.0589%
Layer Asbestos Totals:		1	0.0589%
Total Points Counted: 400			Organic Component: 42.1957%
			Acid Soluble Component: 34.2243%
Lab ID-Version‡: 20001948-1			Acid Insoluble Inorganic Component: 23.5800%

§The analytical sensitivity is 1 asbestos point. The limit of detection is 1 asbestos point divided by the total number of points counted and then converted to percentage using the final residual weight of the sample.

Each sample was separated into a representative subsample and analyzed individually. The subsample was ashed and dissolved in acid to achieve the final residual weight. The residual material was point counted following the quantitative guidelines in EPA Method 600/R-93/116.

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Client: ERM - Texas
C/O: Jeremy Bittlebrun
Re: 0776278; Energizer VIMS - Pre Construction

Date of Sampling: 03-27-2025
Date of Receipt: 03-27-2025
Date of Report: 04-08-2025

ASBESTOS GRAVIMETRIC PT. COUNT REPORT

PROJECT ANALYST AND SIGNATORY REPORT

Project Analyst



Analyst: Mark Silver

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ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Bittlebrun
ERM-Northeast
800 Cranberry Woods Dr.
Suite 290
Cranberry Township, Pennsylvania 16066

Generated 3/31/2025 12:58:23 AM

JOB DESCRIPTION

Energizer VIMS Preconstruction
Bennington VT

JOB NUMBER

240-220886-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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

Authorization

Roxanne Cisneros

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Authorized for release by
Roxanne Cisneros, Senior Project Manager
roxanne.cisneros@et.eurofinsus.com
(330)497-9396

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Lab Chronicle 20
Certification Summary 22
Chain of Custody 23

Definitions/Glossary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Job ID: 240-220886-1 — Eurofins Cleveland

Job Narrative
240-220886-1

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

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

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

Receipt
The samples were received on 3/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

PCBs
Method 8082A: Surrogate recovery for the following sample was outside control limits: PCB-1 (240-220886-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: PCB-1 (240-220886-1), PCB-2 (240-220886-2), (LCS 240-649460/2-A) and (MB 240-649460/1-A).

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

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

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

Method Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
Part Size Red	Particle Size Reduction Preparation	None	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-220886-1	PCB-1	Solid	03/20/25 07:00	03/22/25 09:10
240-220886-2	PCB-2	Solid	03/20/25 07:15	03/22/25 09:10
240-220886-3	PS-1	Solid	03/20/25 07:30	03/22/25 09:10
240-220886-4	PS-2	Solid	03/20/25 07:45	03/22/25 09:10
240-220886-5	PS-3	Solid	03/20/25 08:00	03/22/25 09:10

Detection Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PCB-1 — Lab Sample ID: 240-220886-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	430		430	180	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PCB-2 — Lab Sample ID: 240-220886-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	5200		2100	880	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-1 — Lab Sample ID: 240-220886-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	44		0.95	0.27	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: PS-2 — Lab Sample ID: 240-220886-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	62		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: PS-3 — Lab Sample ID: 240-220886-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	83		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PCB-1
Date Collected: 03/20/25 07:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-1
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<210		430	210	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1221	<260		430	260	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1232	<180		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1242	<160		430	160	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1248	<150		430	150	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1254	**430**		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1260	<180		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1262	<190		430	190	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1268	<140		430	140	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*10 - 149*	*03/25/25 09:13*	*03/26/25 12:41*	*1*
DCB Decachlorobiphenyl	*11991*	*S1+*	*10 - 174*	*03/25/25 09:13*	*03/26/25 12:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**99.7**		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	**0.3**		0.1	0.1	%			03/25/25 11:00	1

Client Sample ID: PCB-2

Date Collected: 03/20/25 07:15
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-2

Matrix: Solid
Percent Solids: 99.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1000		2100	1000	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1221	<1300		2100	1300	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1232	<880		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1242	<800		2100	800	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1248	<710		2100	710	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1254	**5200**		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1260	<880		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1262	<920		2100	920	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1268	<670		2100	670	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*10 - 149*	*03/25/25 09:13*	*03/26/25 12:56*	*5*
DCB Decachlorobiphenyl	*91*	*p*	*10 - 174*	*03/25/25 09:13*	*03/26/25 12:56*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**99.4**		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	**0.6**		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-1
Date Collected: 03/20/25 07:30
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-3
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	98.5		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	1.5		0.1	0.1	%			03/25/25 11:00	1

Client Sample Results

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-1
Date Collected: 03/20/25 07:30
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-3
Matrix: Solid
Percent Solids: 98.5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	44		0.95	0.27	mg/Kg	☼	03/24/25 15:00	03/25/25 15:40	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	7.7		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid
Percent Solids: 92.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	62		1.1	0.30	mg/Kg	☼	03/24/25 15:00	03/25/25 15:54	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.9		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	12.1		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	83		1.1	0.30	mg/Kg	☼	03/24/25 15:00	03/25/25 15:59	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(10-149)	(10-174)										
240-220886-1	PCB-1	84	11991 S1+										
240-220886-2	PCB-2	82	91 p										
LCS 240-649460/2-A	Lab Control Sample	85	100										
MB 240-649460/1-A	Method Blank	76	69										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-649460/1-A
Matrix: Solid
Analysis Batch: 649609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 649460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<25		50	25	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1221	<30		50	30	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1232	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1242	<19		50	19	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1248	<17		50	17	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1254	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1260	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1262	<22		50	22	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1268	<16		50	16	ug/Kg		03/25/25 09:13	03/26/25 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*03/25/25 09:13*	*03/26/25 13:27*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*03/25/25 09:13*	*03/26/25 13:27*	*1*

Lab Sample ID: LCS 240-649460/2-A
Matrix: Solid
Analysis Batch: 649609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 649460

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1000	808		ug/Kg		81	28 - 140		
PCB-1260			1000	844		ug/Kg		84	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*10 - 149*
DCB Decachlorobiphenyl	*100*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-649388/1-A
Matrix: Solid
Analysis Batch: 649563

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 649388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.28		1.0	0.28	mg/Kg		03/24/25 15:00	03/25/25 14:47	1

Lab Sample ID: LCS 240-649388/2-A
Matrix: Solid
Analysis Batch: 649563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 649388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			100	95.2		mg/Kg		95	80 - 120		

QC Association Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

GC Semi VOA

Prep Batch: 649460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	3546	
240-220886-2	PCB-2	Total/NA	Solid	3546	
MB 240-649460/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-649460/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 649609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	8082A	649460
240-220886-2	PCB-2	Total/NA	Solid	8082A	649460
MB 240-649460/1-A	Method Blank	Total/NA	Solid	8082A	649460
LCS 240-649460/2-A	Lab Control Sample	Total/NA	Solid	8082A	649460

Metals

Processed Batch: 649199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-4	PS-2	Total/NA	Solid	Part Size Red	

Prep Batch: 649388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-3	PS-1	Total/NA	Solid	3050B	
240-220886-4	PS-2	Total/NA	Solid	3050B	649199
240-220886-5	PS-3	Total/NA	Solid	3050B	
MB 240-649388/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-649388/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 649563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-3	PS-1	Total/NA	Solid	6010D	649388
240-220886-4	PS-2	Total/NA	Solid	6010D	649388
240-220886-5	PS-3	Total/NA	Solid	6010D	649388
MB 240-649388/1-A	Method Blank	Total/NA	Solid	6010D	649388
LCS 240-649388/2-A	Lab Control Sample	Total/NA	Solid	6010D	649388

General Chemistry

Processed Batch: 649199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-4	PS-2	Total/NA	Solid	Part Size Red	

Analysis Batch: 649519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	Moisture	
240-220886-2	PCB-2	Total/NA	Solid	Moisture	
240-220886-3	PS-1	Total/NA	Solid	Moisture	
240-220886-4	PS-2	Total/NA	Solid	Moisture	649199
240-220886-5	PS-3	Total/NA	Solid	Moisture	

Client Sample ID: PCB-1 — **Lab Sample ID: 240-220886-1**
Date Collected: 03/20/25 07:00 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PCB-1 — **Lab Sample ID: 240-220886-1**
Date Collected: 03/20/25 07:00 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			649460	NPR	EET CLE	03/25/25 09:13
Total/NA	Analysis	8082A		1	649609	LSH	EET CLE	03/26/25 12:41

Client Sample ID: PCB-2 — **Lab Sample ID: 240-220886-2**
Date Collected: 03/20/25 07:15 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PCB-2 — **Lab Sample ID: 240-220886-2**
Date Collected: 03/20/25 07:15 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 99.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			649460	NPR	EET CLE	03/25/25 09:13
Total/NA	Analysis	8082A		5	649609	LSH	EET CLE	03/26/25 12:56

Client Sample ID: PS-1 — **Lab Sample ID: 240-220886-3**
Date Collected: 03/20/25 07:30 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-1 — **Lab Sample ID: 240-220886-3**
Date Collected: 03/20/25 07:30 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:40

Lab Chronicle

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Processed	Part Size Red			649199	POP	EET CLE	03/22/25 07:04
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Processed	Part Size Red			649199	POP	EET CLE	03/22/25 07:04
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:54

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:59

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	03-31-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

2.3
2.2

Client Information	Sampler: Jeremy Bittlebrun	Lab PM: Cisneros, Roxanne	Carrier Tracking No(s): 7728 6534 7184
Client Contact: Jeremy Bittlebrun	Phone: 814-494-5274	E-Mail: roxanne.cisneros@et.eurofinsus.com	State of Origin: VT
Company: ERM-Northeast	PWSID:		
Address: 2009 Mackenzie Way, Suite 100	Due Date Requested:		
City: Cranberry Township	TAT Requested (days): Standard		
State, Zip: PA, 16066	Compliance Project: Δ Yes Δ No		
Phone: 724-933-5835	PO #: Purchase Order not required		
Email: jeremy.bittlebrun@erm.com	WO #: 0743167.02		
Project Name: Energizer VIMS Preconstruction	Project #: 24035064		
Site: Bennington VT	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010D - Total Lead	Total Number of containers
			Preservation Code:		X	X			X
PCB-1	3/20/25	0700	G	S			X		
PCB-2		0715					X		
PS-1		0730						X	
PS-2		0745						X	
PS-3		0800						X	

240-220886 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retain
☐ Return To Client ☐ Disposal By Lab ☐ Arc

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: Date/Time:

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.1 °C) Observed Cooler Temp. 2.3 °C Corrected Cooler Temp. 2.2

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	(No) (UPS)
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Yes)	No
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC44
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No (NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are n checked for pH Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099-123124 Cooler Receipt Form.doc

PS-2	240-220886-A-4	Soil jar 16oz - clear glass			
PS-3	240-220886-A-5	Soil jar 16oz - clear glass			

Page 1 of 1

APPENDIX D AS-BUILT DRAWINGS

VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER FACILITY
401 GAGE STREET
BENNINGTON, VERMONT 05201

SITE VICINITY MAP

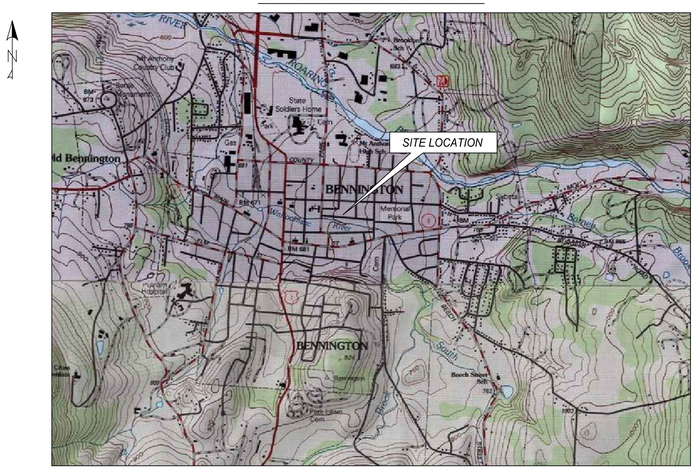


SOURCE: ESRI, MAXAR, GEOEYE, EARTHSTAR GEOGRAPHICS, CNES/AIRBUS DS, USDA, USGA, AEROGRID, IGN AND THE GIS USER COMMUNITY

0 200 400

SCALE (IN FEET)

SITE LOCATION MAP



SOURCE: U.S.G.S. QUADS, NATIONAL GEOGRAPHIC 2013

0 2,000 4,000

SCALE (IN FEET)

AS-BUILT DRAWING SET

NOVEMBER 2025

PREPARED FOR
ENERGIZER HOLDINGS, INC.

DRAWING INDEX

00	COVER SHEET
01	NOTES & LEGEND
02	PLANT 1 BASEMENT LAYOUT
03	PLANT 1 MAIN FLOOR LAYOUT
04	PLANT 2 MAIN FLOOR LAYOUT
05	ROOF LAYOUT
06	FIELD PIPING & INSTRUMENTATION DIAGRAM
07	EQUIPMENT PIPING & INSTRUMENTATION DIAGRAM
08	PIPING & INSTRUMENTATION DIAGRAM LEGEND
09	CONTROL NARRATIVE

PREPARED BY

ENVIRONMENTAL RESOURCES MANAGEMENT, INC.

PHILADELPHIA, PENNSYLVANIA

P:\Team\DMMY\CAD\Drawings\Energizer\SSD As-Built\01_Cover Sheet.dwg

EXISTING LEGEND:

- MONITORING WELL
- MANHOLE
- CATCH BASIN
- FIRE HYDRANT
- CLEANOUT
- PLANT 1 BASEMENT COLUMN
- PLANT 1 MAIN FLOOR COLUMN
- PLANT 2 MAIN FLOOR COLUMN
- BOILER HOUSE COLUMN (APPROXIMATE)
- ROAD
- BUILDING STRUCTURE
- PLANT 1 MAIN FLOOR BUILDING BOUNDARY
- APPROXIMATE BOILER HOUSE FLOOR PLAN FEATURE
- 704 2-FT CONTOURS
- BASEMENT BOUNDARY
- PROPERTY BOUNDARY
- COMMUNICATION UTILITY
- ELECTRIC UTILITY
- STORMWATER UTILITY
- SANITARY SEWER UTILITY
- UNKNOWN UTILITY
- WATER UTILITY
- WALLOOMSAC RIVER
- MORGAN BROOK STREAM
- FORMER SECONDARY CONTAINMENT AREA
- MEZZANINE
- OVERHEAD PEDESTRIAN BRIDGE
- SUBSURFACE CONCRETE FEATURES
- FRENCH DRAIN
- UNKNOWN BELOW GRADE FEATURE

VIMS LEGEND:

- ELECTRICAL SUPPLY LOCATION
- ZONE 1 SUCTION POINT
- ZONE 2 SUCTION POINT
- ZONE 3 SUCTION POINT
- ZONE 4 SUCTION POINT
- ZONE 5 SUCTION POINT
- ZONE 6 SUCTION POINT
- ZONE 7 SUCTION POINT
- ZONE 8 SUCTION POINT
- ZONE 9 SUCTION POINT
- ZONE 10 SUCTION POINT
- ZONE 11 SUCTION POINT
- RETROFIT VAPOR BARRIER
- 1.5 IN ABOVE GRADE PIPING
- 2 IN BELOW GRADE PIPING
- 2 IN ABOVE GRADE PIPING
- 2.5 IN ABOVE GRADE PIPING
- 4 IN ABOVE GRADE PIPING
- 6 IN ABOVE GRADE PIPING
- 8 IN ABOVE GRADE PIPING
- MOISTURE SEPARATOR LOCATION
- MOISTURE SEPARATOR PUMP LOCATION
- LEVEL TRANSMITTER
- LT LT LEVEL TRANSMITTER WIRE AND CONDUIT
- ROOF PENETRATION LOCATION
- CONDENSATE DRAIN LOCATION
- BLOWER SKID LOCATION
- VAPOR MONITORING LOCATION
- ABOVE GRADE ELECTRICAL CONDUIT
- ELECTRICAL CONDUIT ROOF PENETRATION LOCATION
- COMM COMM COMMUNICATION CONDUIT
- VAPOR DISCHARGE STACK

ABBREVIATIONS:

DEGREE (°)
FEET (FT/')
INCH (IN/")
INCHES OF WATER COLUMN (IN H2O)
HERTZ (HZ)
HORSEPOWER (HP)
LENGTH (L)
NORTH AMERICAN DATUM OF 1983 (NAD 83)
NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88)
PIPING AND INSTRUMENTATION (P&ID)
POLYVINYL CHLORIDE (PVC)
POUNDS PER SQUARE INCH (PSI)
SCHEDULE (SCH.)
STANDARD CUBIC FEET PER MINUTE (SCFM)
SUB-SLAB DEPRESSURIZATION (SSD)
SUBSURFACE CLEARANCE (SSC)
SQUARE FOOTAGE (SF)
TYPICAL (TYP.)
WIDTH (W)

GENERAL NOTES:

1. DRAWING BASEMAP
   - A. THE BASEMAP FOR THIS DRAWING SET WAS CREATED USING AN AERIAL SURVEY BY CHAS. H. SELLS, INC. DATED 16 DECEMBER 2006.
   - B. THE EXTERIOR UTILITY DATA SOURCES INCLUDE:
     - i. UNDERGROUND ELECTRICAL PLAN PROVIDED BY WILLIAM T. HILL, INC. DATED 08 SEPTEMBER 1976
     - ii. HYDRAULIC DESIGN PLAN PROVIDED BY INDUSTRIAL RISK INSURERS DATED 29 JUNE 1984
     - iii. SEPTIC AND STORM DRAIN PLAN PROVIDED BY ENERGIZER HOLDINGS, INC. DATED 30 DECEMBER 1971
     - iv. ESRI COMMUNITY MAPS CONTRIBUTORS, MASSGIS, VCGI, BUILDINGFOOTPRINTUSA, ESRI CANADA, ESRI, HERE, GARMIN, SAFEGRAPH, INCREMENT P, METI/NASA, USGS, EPA, NPS, US CENSUS BUREAU, USDA
   - C. THE INTERIOR UTILITY DATA SOURCE IS FROM CAD DRAWINGS DATED 08 APRIL 2025 PROVIDED BY GROUND PENETRATING RADAR SYSTEMS, LLC. THE INTERIOR UTILITY DATA WAS PROVIDED BY CONCRETE SCANNING COMPLETED BY GROUND PENETRATING RADAR SYSTEMS, LLC IN MARCH 2025.
   - D. THE EXISTING GROUND ELEVATION DATA SOURCE IS LIDAR DATA FROM APRIL 2013.
   - E. THE GROUNDWATER MONITORING WELLS WERE SURVEYED BY WSP SELLS ON 8 MAY 2012.
   - F. THE PLANT 1 MAIN FLOOR AND PLANT 2 MAIN FLOOR LAYOUTS WERE EXTRACTED FROM FILES PROVIDED BY ENERGIZER HOLDINGS, INC.
   - G. THE PLANT 1 BASEMENT LAYOUT WAS PROVIDED BY OBAR SYSTEMS, INC.
   - H. THE BOILER HOUSE FLOOR LAYOUT WAS APPROXIMATED BASED ON OBSERVATIONS AND PHOTOS FROM ERM'S FIELD VISIT IN NOVEMBER 2023.
   - I. THE HORIZONTAL DATUM IS VERMONT STATE PLANES, US FOOT (NAD 83).
   - J. THE VERTICAL DATUM IS NAVD 88.
   - K. AS-BUILT INFORMATION IS APPROXIMATED AND NOT EXACT UTM COORDINATES.

Rev.	Date	Description	By	Chk
0	11/14/2025	AS-BUILT DRAWING SET	BM	KB

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NOTES & LEGEND

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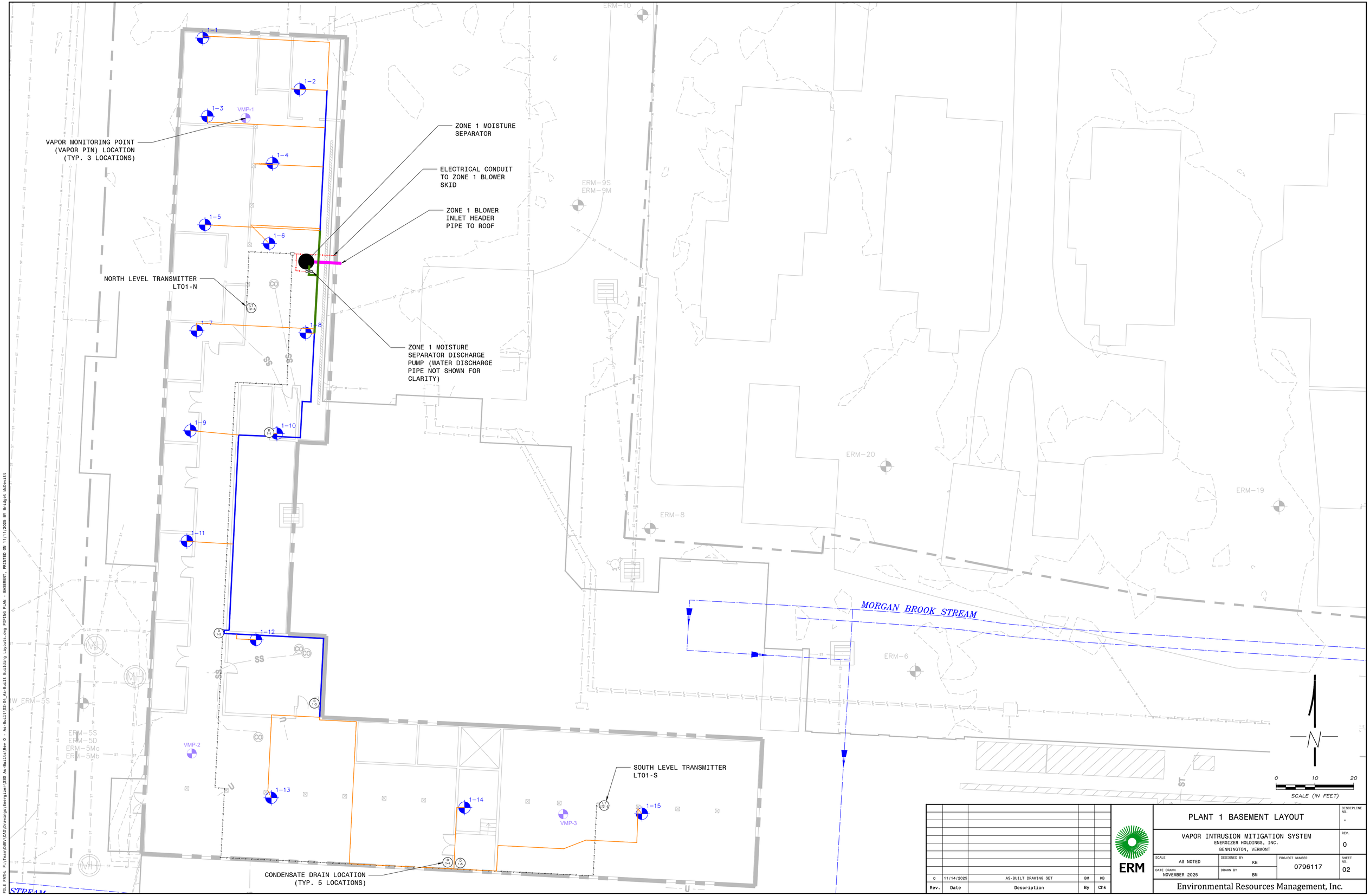
VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

REV.: 0

SCALE	DESIGNED BY	PROJECT NUMBER	SHEET NO.
AS NOTED	KB	0796117	01
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

Environmental Resources Management, Inc.

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PLANT 1 BASEMENT LAYOUT

VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

SCALE	DESIGNED BY	PROJECT NUMBER	SHEET NO.
AS NOTED	KB	0796117	02
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

DISCIPLINE NO.: -
REV.: 0

Environmental Resources Management, Inc.

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ELECTRICAL CONDUIT TO ZONE 1 BLOWER SKID

PANEL EDP-10

MORGAN BROOK STREAM

ZONE 5 VIMS PIPING ROOF PENETRATION

ZONE 5 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 4 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 6 VIMS ROOF PIPING PENETRATION

ZONE 2 VIMS PIPING ROOF PENETRATION

VAPOR MONITORING POINT (VAPOR PIN) LOCATION (TYP. 14 LOCATIONS)

ZONE 3 VIMS PIPING ROOF PENETRATION

ZONE 6 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 7 VIMS PIPING ROOF PENETRATION

ZONE 4 VIMS PIPING ROOF PENETRATION

ZONE 7 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 10 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 3 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 10 VIMS PIPING ROOF PENETRATION

ZONE 2 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 8 VIMS PIPING ROOF PENETRATION

CONDENSATE DRAIN (TYP. 5 LOCATIONS)

ZONE 9 VIMS PIPING ROOF PENETRATION

VAPOR BARRIER

ZONE 8 ELECTRICAL CONDUIT ROOF PENETRATION

ZONE 9 ELECTRICAL CONDUIT ROOF PENETRATION

PANEL DP-3

PANEL DP-7-5

PANEL DP-8-1

PANEL DP-12-3

Air Cell & Dept. 204 Production

Anodes/Cathodes Press Room

Machine Shop Area

Dock Area

Warehouse Storage

RESTROOM & LOCKER ROOM AREA

DIVISION STREET

SCOTT STREET

MORGAN BROOK STREAM

MW 103

MW 104

MW ERM-2S

MW ERM-7

0 20 40

SCALE (IN FEET)

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PLANT 1 MAIN FLOOR LAYOUT

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VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

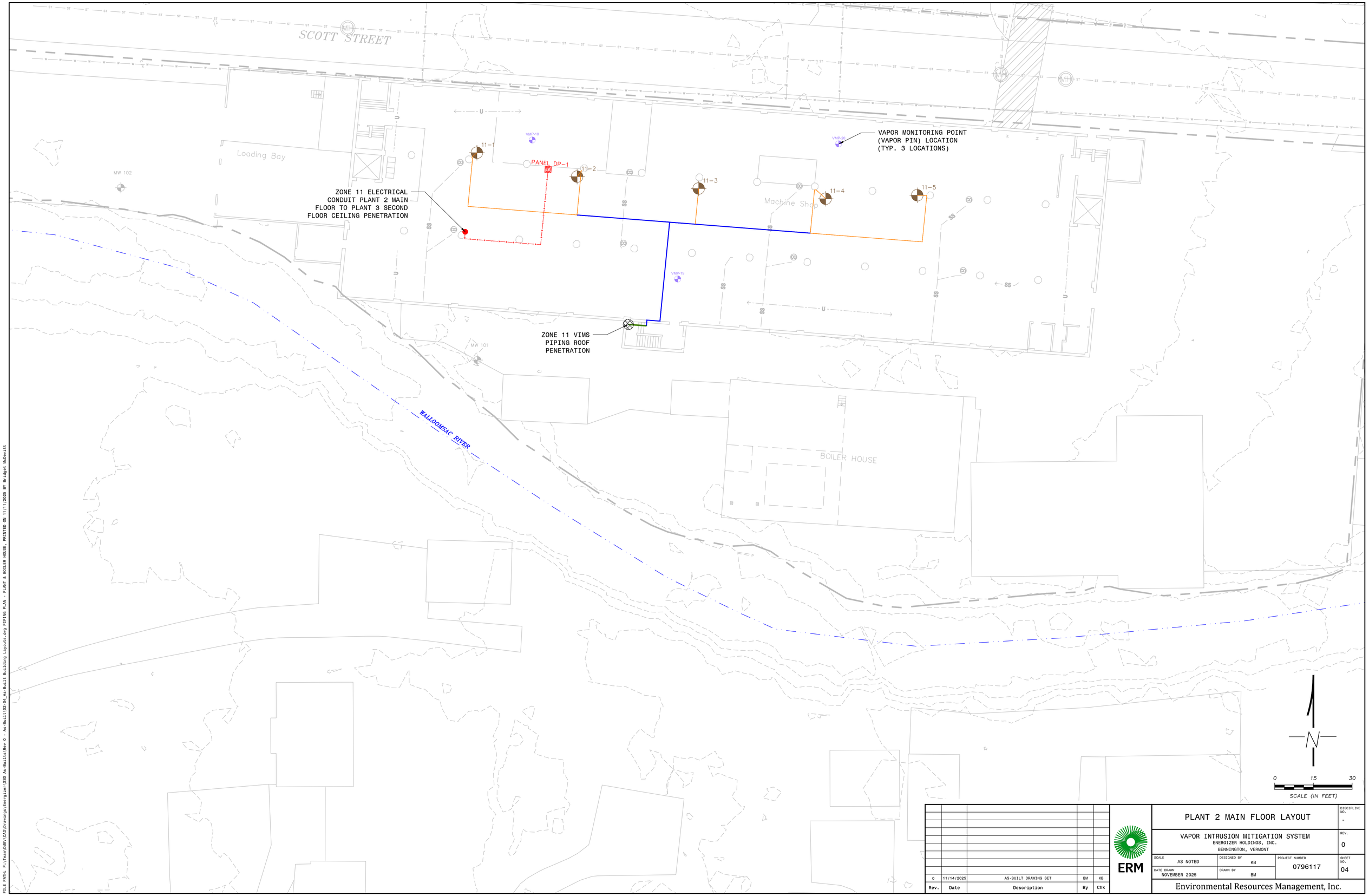
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DATE DRAWN	DRAWN BY		
NOVEMBER 2025	BM		

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PLANT 2 MAIN FLOOR LAYOUT

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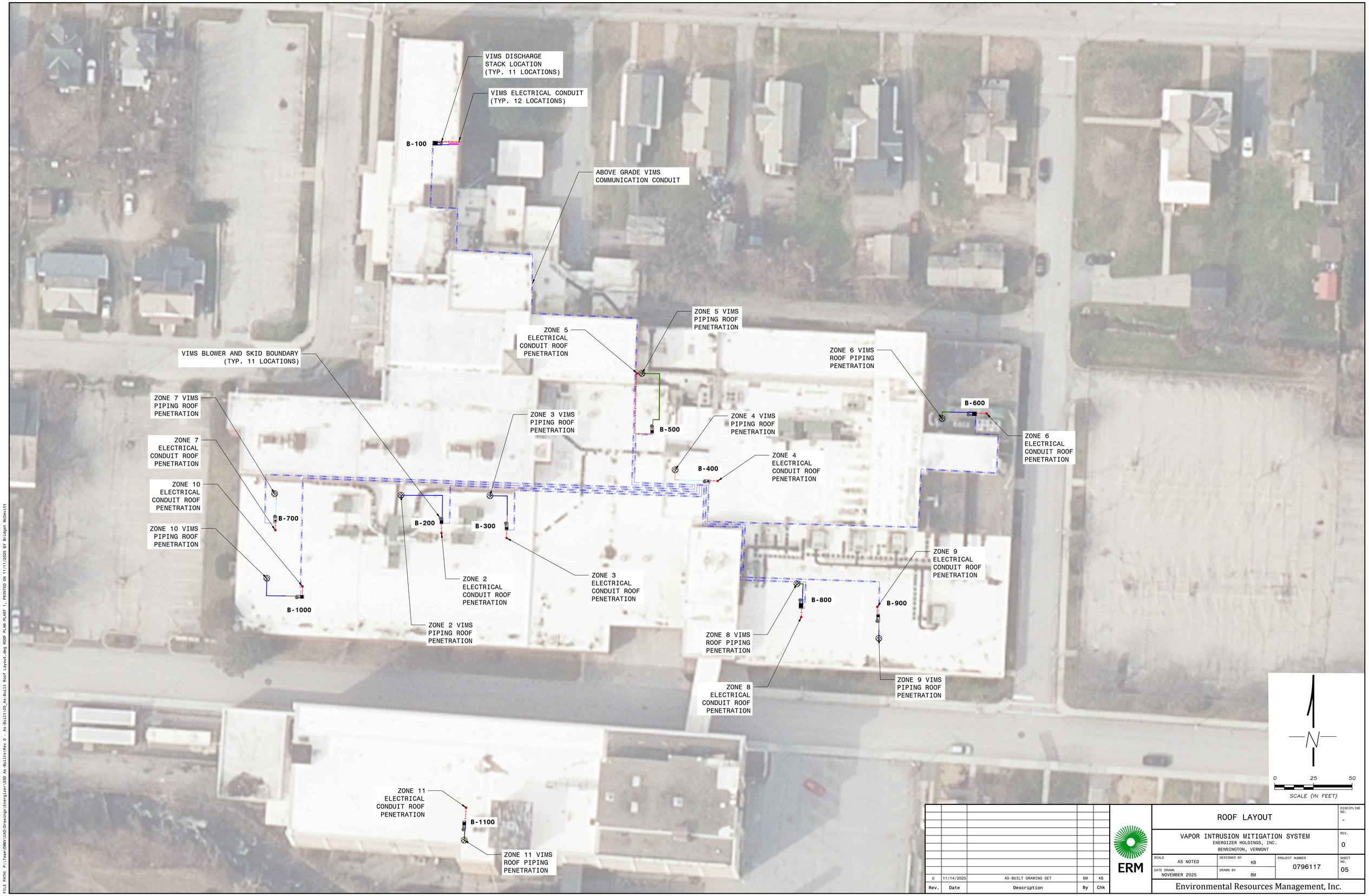
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ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

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DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

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ROOF LAYOUT

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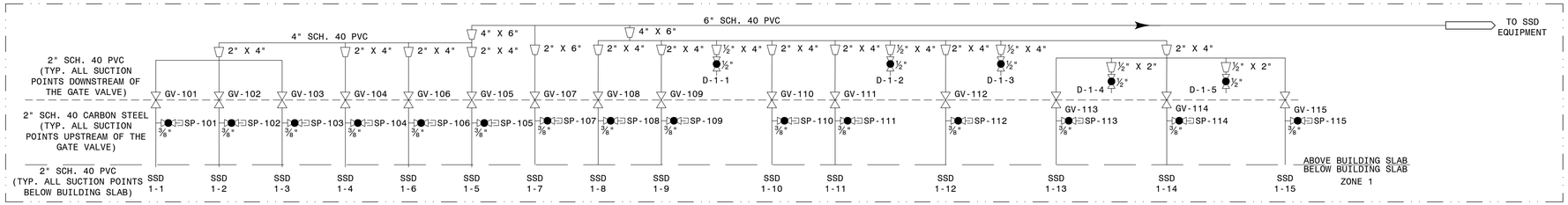
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ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

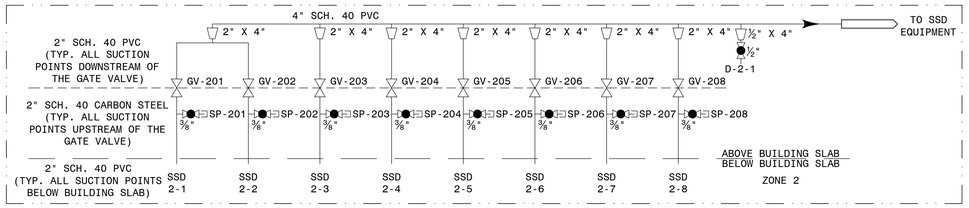
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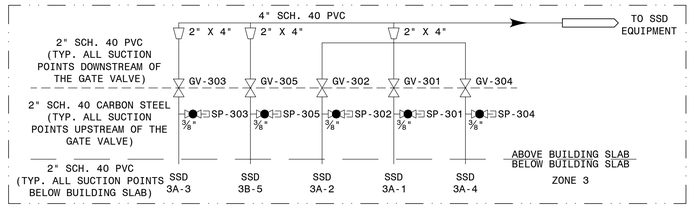
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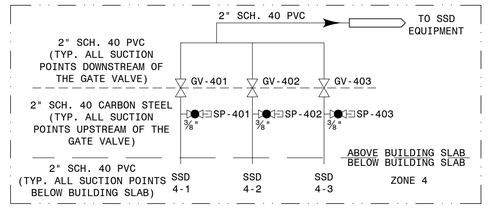
Environmental Resources Management, Inc.

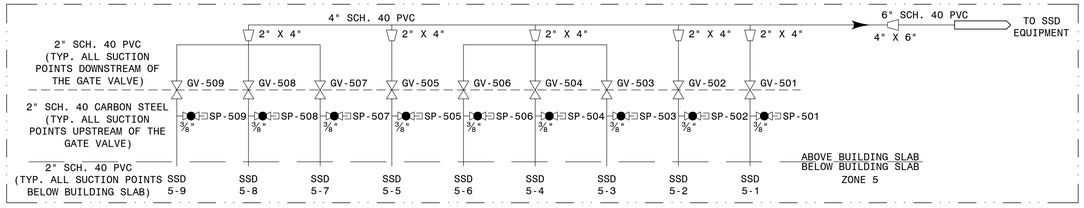
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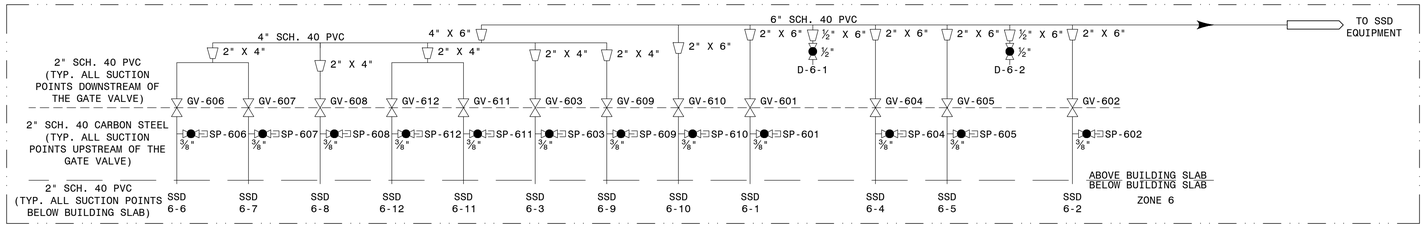


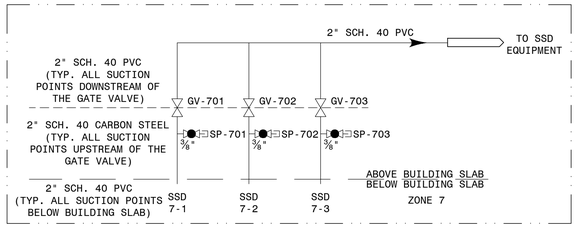


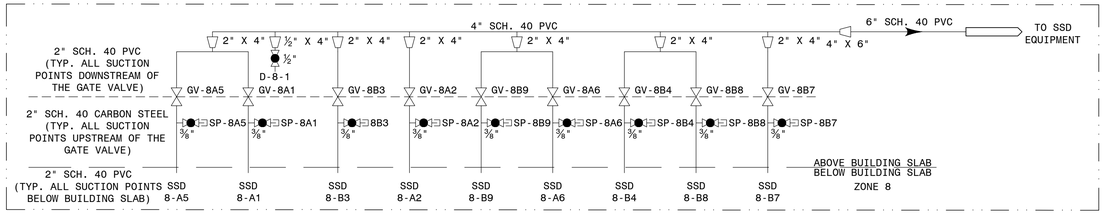


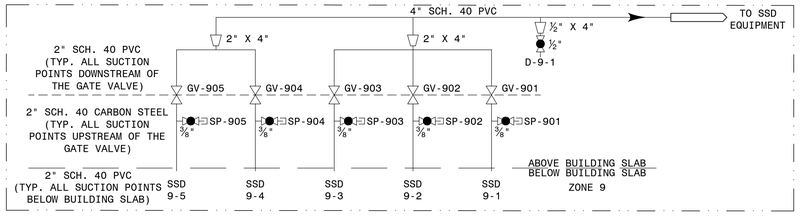


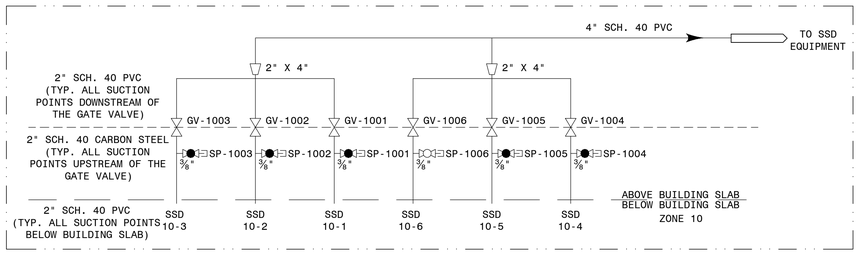


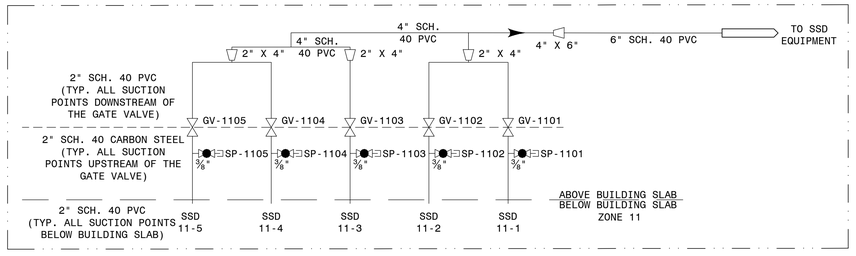












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FIELD P&ID

DISCIPLINE NO. -

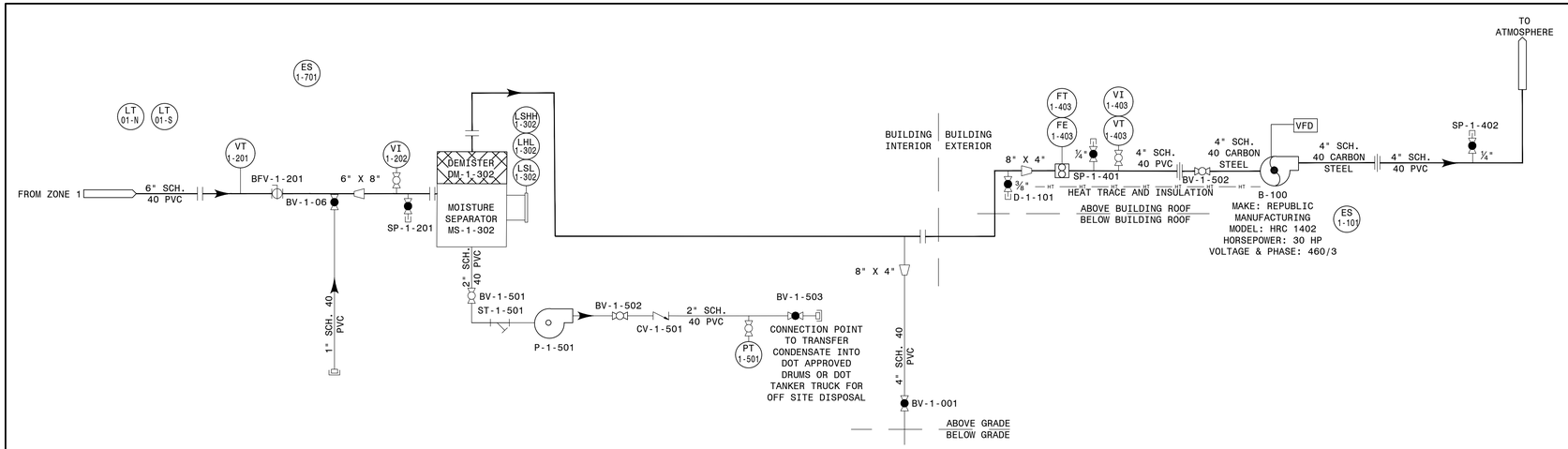
VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

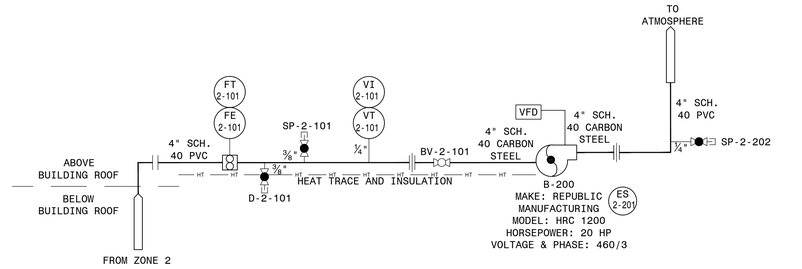
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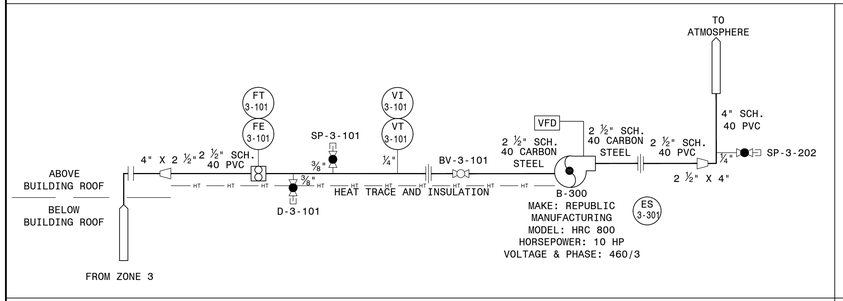
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AS NOTED	KB	0796117	06
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

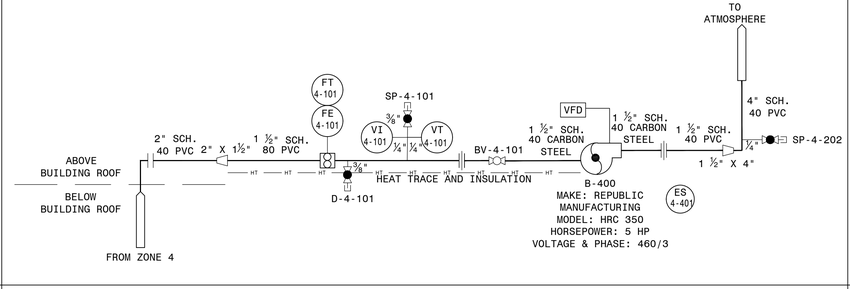
Environmental Resources Management, Inc.

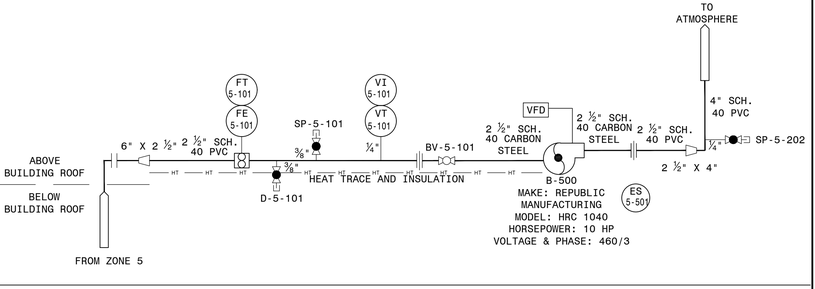
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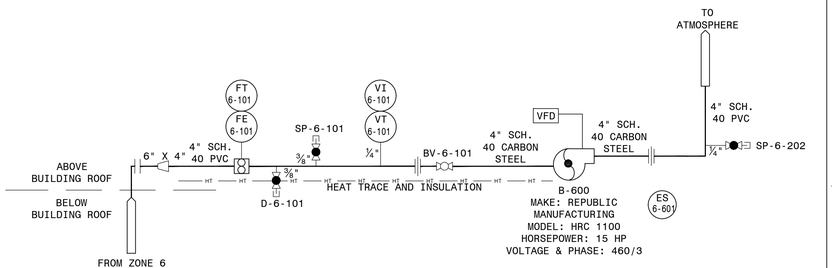


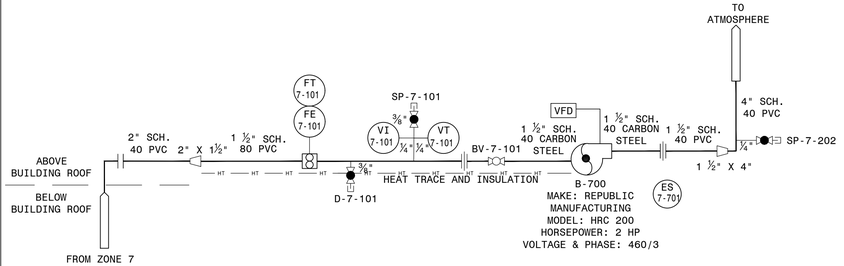


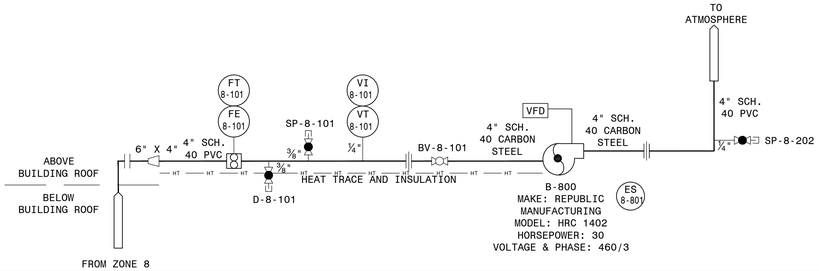


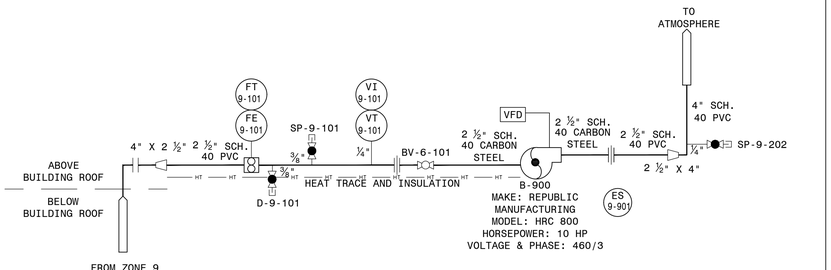


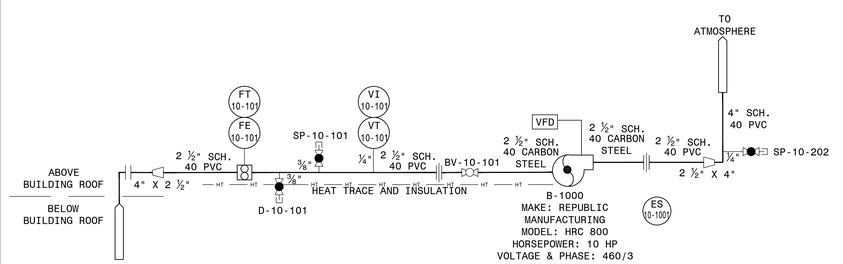


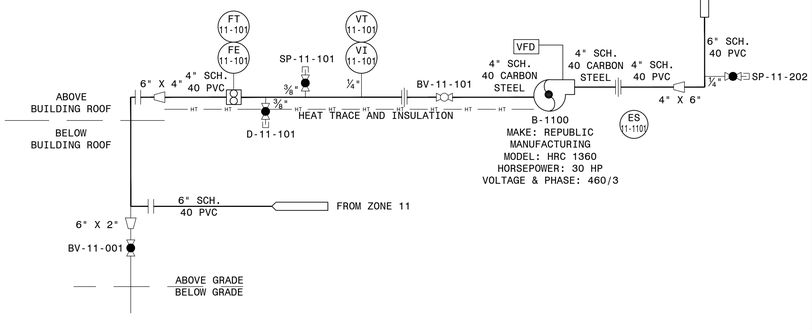












Rev.	Date	Description	By	Chk
0	11/14/2025	AS-BUILT DRAWING SET	BM	KB

ERM

EQUIPMENT P&ID

DISCIPLINE NO. -

VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

REV. 0

SCALE	DESIGNED BY	PROJECT NUMBER	SHEET NO.
AS NOTED	KB	0796117	07
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

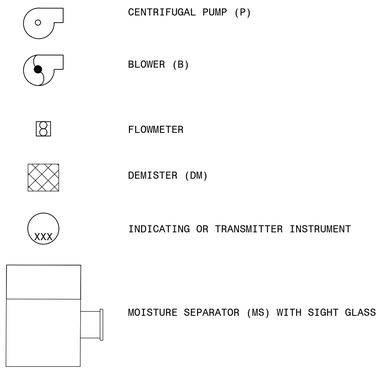
Environmental Resources Management, Inc.

FILE PATH: P:\Team\DMW\CAD\Drawings\Energizer\SSD As-Built\06-09_P&ID.dwg SSD SYSTEM EQUIPMENT P&ID, PRINTED ON 11/13/2025 BY Khrista Baron

P & ID VALVE AND PIPING SYMBOLS

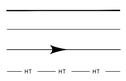
- BUTTERFLY VALVE (BFV), NORMALLY OPEN
- BALL VALVE (BV), NORMALLY OPEN
- BALL VALVE (BV), NORMALLY CLOSED
- GATE VALVE (GV), NORMALLY OPEN
- SWING CHECK VALVE (CV)
- CONCENTRIC REDUCER (RED)
- STRAINER (ST)
- FLANGE
- UNION
- MALE CAMLOCK CAP
- FEMALE CAMLOCK
- MALE CAMLOCK WITH FEMALE CAMLOCK CAP
- SAMPLE PORT (SP) WITH CAP, NORMALLY CLOSED
- DRAIN (D), NORMALLY CLOSED

EQUIPMENT SYMBOLS



- CENTRIFUGAL PUMP (P)
- BLOWER (B)
- FLOWMETER
- DEMISTER (DM)
- INDICATING OR TRANSMITTER INSTRUMENT
- MOISTURE SEPARATOR (MS) WITH SIGHT GLASS

PROCESS LINE IDENTIFICATION

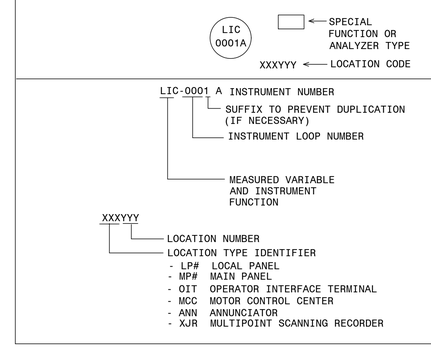


- MAIN FLOW
- SECONDARY FLOW & RECYCLE
- DIRECTION OF FLOW
- HEAT TRACE AND INSTRUMENTATION

IDENTIFICATION LETTERS FOR INSTRUMENTS

	FIRST LETTER		SUCCEEDING-LETTERS	
	MEASURED OR INITIATING VARIABLE	MODIFIER	FUNCTION	MODIFIER
A	ANALYSIS		ALARM, AUTO	
B	BURNER			
C	COMBUSTION		CONTROL, CLOSED	
D	DILUTION	DIFFERENTIAL	DEVICE	
E	VOLTAGE		ELEMENT	
F	FLOW RATE, FAIL	RATIO (FRACTION)		
G			GLASS, VIEWING DEVICE	
H	HAND			HIGH
I	CURRENT (ELECTRICAL)		INDICATE	
J	POWER	SCAN		
K	TIME, TIME SCHEDULE	TIME RATE OF CHANGE	CONTROL STATION	
L	LEVEL		LIGHT	LOW
M		MOMENTARY		MIDDLE, INTERMEDIATE
N				
O		OFF	ORIFICE, RESTRICTION,OPEN	
P	PRESSURE, VACUUM		POINT (TEST) CONNECTION	
Q	QUANTITY	INTEGRATE, TOTALIZE		
R			RECORD	
S	SELECTION,SAMPLE,SPEED, SOLENOID,FREQUENCY	SAFETY	SWITCH	
T	TEMPERATURE		TRANSMIT	
U	MULTIVARIABLE		MULTIFUNCTION	MULTIFUNCTION
V	VIBRATION, MECHANICAL ANALYSIS, VISCOSITY		VALVE, DAMPER, LOUVER	
W	WEIGHT, FORCE		WELL	
X	USER SPECIFIED (INDICATION)	X AXIS		
Y	EVENT, STATE OR PRESENCE	Y AXIS	RELAY, COMPUTE CONVERT	
Z	POSITION, DIMENSION	Z AXIS	DRIVER,ACTUATOR, UNCLASSIFIED FINAL CONTROL ELEMENT	

INSTRUMENT IDENTIFICATION



Rev.	Date	Description	By	Chk
0	11/14/2025	AS-BUILT DRAWING SET	BM	KB

ERM

P&ID LEGEND

DISCIPLINE NO.: -

VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

REV.: 0

SCALE	DESIGNED BY	PROJECT NUMBER	SHEET NO.
AS NOTED	KB	0796117	08
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

Environmental Resources Management, Inc.

FILE PATH: P:\Team\DMW\CAD\Drawings\Energizer\SSD As-Builts\Rev. 0 - As-Built\06-08_P&ID.dwg P&ID LEGEND, PRINTED ON 11/11/2025 BY Bridget McDevitt

Interlock Controls Design Target Zone 1

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-100	Action: SSD Equipment Pump P-1-501
SSD EQUIPMENT									
1	Area 1 Pre-MS Vacuum Transmitter	VT-1-201	Low Low	Alarm	5	in WC	Level 2	Turn Off	-
2	Area 1 Pre-MS Vacuum Transmitter	VT-1-201	Low	Warning	11	in WC	Level 1	-	-
3	Area 1 Pre-MS Vacuum Transmitter	VT-1-201	High	Warning	90	in WC	Level 1	-	-
4	Area 1 Pre-MS Vacuum Transmitter	VT-1-201	High High	Alarm	100	in WC	Level 2	Turn Off	-
5	Area 1 Post-MS Flow Transmitter	FT-1-403	Low	Warning	200	SCFM	Level 1	-	-
6	Area 1 Post-MS Flow Transmitter	FT-1-303	High	Warning	800	SCFM	Level 1	-	-
7	Area 1 Post-MS Vacuum Transmitter	VT-1-403	SetPoint	Action	90	in WC	-	-	-
8	Area 1 Post-MS Vacuum Transmitter	VT-1-403	Low Low	Alarm	10	in WC	Level 2	Turn Off	-
9	Area 1 Post-MS Vacuum Transmitter	VT-1-403	Low	Warning	14	in WC	Level 1	-	-
10	Area 1 Post-MS Vacuum Transmitter	VT-1-403	High	Warning	110	in WC	Level 1	-	-
11	Area 1 Post-MS Vacuum Transmitter	VT-1-403	High High	Alarm	120	in WC	Level 2	Turn Off	-
12	B-100 Not Running	B-100	High High	Alarm	-	-	Level 2	Turn Off	-
13	B-100 Overload	B-100	High High	Alarm	-	-	Level 2	Turn Off	-
14	P-1-501 Pressure Transmitter	PT-1-501	High	Warning	1	PSI	Level 1	-	-
15	P-1-501 Pressure Transmitter	PT-1-501	High High	Alarm	10	PSI	Level 2	-	Turn Off
16	Area 1 E-Stop (Basment)	ES-1-701	High High	Alarm	-	-	Level 3	Turn Off	-
17	Area 1 E-Stop (Blower)	ES-1-101	High High	Alarm	-	-	Level 3	Turn Off	-
18	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off	-
CONDSENSATE MANAGEMENT									
19	MS Tank High Float Switch	LSH-1-302	High	Warning	-	NC	Level 1	-	-
20	MS Tank High High Float Switch	LSHH-1-302	High High	Alarm	-	NC	Level 2	Turn Off	-
21	GWL North Level Transmitter	LT01-N	High	Warning	-0.5	FT	Level 1	-	-
22	GWL South Level Transmitter	LT01-S	High	Warning	-0.4	FT	Level 1	-	-

Interlock Controls Design Target Zone 2

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-200
SSD EQUIPMENT								
23	Area 2 Vacuum Transmitter	VT-2-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
24	Area 2 Vacuum Transmitter	VT-2-101	Low	Warning	55	in WC	Level 1	-
25	Area 2 Vacuum Transmitter	VT-2-101	High	Warning	100	in WC	Level 1	-
26	Area 2 Vacuum Transmitter	VT-2-101	High High	Alarm	120	in WC	Level 2	Turn Off
27	Area 2 Vacuum Transmitter	VT-2-101	SetPoint	Action	90	-	-	-
28	Area 2 Flow Transmitter	FT-2-101	Low	Warning	250	SCFM	Level 1	-
29	Area 2 Flow Transmitter	FT-2-101	High	Warning	600	SCFM	Level 1	-
30	B-200 Not Running	B-200	High High	Alarm	-	-	Level 2	Turn Off
31	B-200 Overload	B-200	High High	Alarm	-	-	Level 2	Turn Off
32	Area 2 E-Stop	ES-2-201	High High	Alarm	-	-	Level 3	Turn Off
33	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 3

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-300
SSD EQUIPMENT								
34	Area 3 Vacuum Transmitter	VT-3-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
35	Area 3 Vacuum Transmitter	VT-3-101	Low	Warning	10	in WC	Level 1	-
36	Area 3 Vacuum Transmitter	VT-3-101	High	Warning	110	in WC	Level 1	-
37	Area 3 Vacuum Transmitter	VT-3-101	High High	Alarm	120	in WC	Level 2	Turn Off
38	Area 3 Vacuum Transmitter	VT-3-101	SetPoint	Action	15	in WC	-	-
39	Area 3 Flow Transmitter	FT-3-101	Low	Warning	10	SCFM	Level 1	-
40	Area 3 Flow Transmitter	FT-3-101	High	Warning	600	SCFM	Level 1	-
41	B-300 Not Running	B-300	High High	Alarm	-	-	Level 2	Turn Off
42	B-300 Overload	B-300	High High	Alarm	-	-	Level 2	Turn Off
43	Area 3 E-Stop	ES-3-301	High High	Alarm	-	-	Level 3	Turn Off
44	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 4

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-400
SSD EQUIPMENT								
45	Area 4 Vacuum Transmitter	VT-4-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
46	Area 4 Vacuum Transmitter	VT-4-101	Low	Warning	26	in WC	Level 1	-
47	Area 4 Vacuum Transmitter	VT-4-101	High	Warning	60	in WC	Level 1	-
48	Area 4 Vacuum Transmitter	VT-4-101	High High	Alarm	75	in WC	Level 2	Turn Off
49	Area 4 Vacuum Transmitter	VT-4-101	SetPoint	Action	55	in WC	-	-
50	Area 4 Flow Transmitter	FT-4-101	Low	Warning	25	SCFM	Level 1	-
51	Area 4 Flow Transmitter	FT-4-101	High	Warning	125	SCFM	Level 1	-
52	B-400 Not Running	B-400	High High	Alarm	-	-	Level 2	Turn Off
53	B-400 Overload	B-400	High High	Alarm	-	-	Level 2	Turn Off
54	Area 4 E-Stop	ES-4-401	High High	Alarm	-	-	Level 3	Turn Off
55	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 5

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-500
SSD EQUIPMENT								
56	Area 5 Vacuum Transmitter	VT-5-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
57	Area 5 Vacuum Transmitter	VT-5-101	Low	Warning	25	in WC	Level 1	-
58	Area 5 Vacuum Transmitter	VT-5-101	High	Warning	50	in WC	Level 1	-
59	Area 5 Vacuum Transmitter	VT-5-101	High High	Alarm	100	in WC	Level 2	Turn Off
60	Area 5 Vacuum Transmitter	VT-5-101	SetPoint	Action	20	in WC	-	-
61	Area 5 Flow Transmitter	FT-5-101	Low	Warning	350	SCFM	Level 1	-
62	Area 5 Flow Transmitter	FT-5-101	High	Warning	600	SCFM	Level 1	-
63	B-500 Not Running	B-500	High High	Alarm	-	-	Level 2	Turn Off
64	B-500 Overload	B-500	High High	Alarm	-	-	Level 2	Turn Off
65	Area 5 E-Stop	ES-5-501	High High	Alarm	-	-	Level 3	Turn Off
66	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 6

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-600
SSD EQUIPMENT								
67	Area 6 Vacuum Transmitter	VT-6-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
68	Area 6 Vacuum Transmitter	VT-6-101	Low	Warning	15.5	in WC	Level 1	-
69	Area 6 Vacuum Transmitter	VT-6-101	High	Warning	70	in WC	Level 1	-
70	Area 6 Vacuum Transmitter	VT-6-101	High High	Alarm	75	in WC	Level 2	Turn Off
71	Area 6 Vacuum Transmitter	VT-6-101	SetPoint	Action	65	in WC	-	-
72	Area 6 Flow Transmitter	FT-6-101	Low	Warning	500	SCFM	Level 1	-
73	Area 6 Flow Transmitter	FT-6-101	High	Warning	900	SCFM	Level 1	-
74	B-600 Not Running	B-600	High High	Alarm	-	-	Level 2	Turn Off
75	B-600 Overload	B-600	High High	Alarm	-	-	Level 2	Turn Off
76	Area 6 E-Stop	ES-6-601	High High	Alarm	-	-	Level 3	Turn Off
77	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 7

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-700
SSD EQUIPMENT								
78	Area 7 Vacuum Transmitter	VT-7-101	Low Low	Alarm	3	in WC	Level 2	Turn Off
79	Area 7 Vacuum Transmitter	VT-7-101	Low	Warning	4	in WC	Level 1	-
80	Area 7 Vacuum Transmitter	VT-7-101	High	Warning	50	in WC	Level 1	-
81	Area 7 Vacuum Transmitter	VT-7-101	High High	Alarm	80	in WC	Level 2	Turn Off
82	Area 7 Vacuum Transmitter	VT-7-101	SetPoint	Action	20	in WC	-	-
83	Area 7 Flow Transmitter	FT-7-101	Low	Warning	15	SCFM	Level 1	-
84	Area 7 Flow Transmitter	FT-7-101	High	Warning	150	SCFM	Level 1	-
85	B-700 Not Running	B-700	High High	Alarm	-	-	Level 2	Turn Off
86	B-700 Overload	B-700	High High	Alarm	-	-	Level 2	Turn Off
87	Area 7 E-Stop	ES-7-701	High High	Alarm	-	-	Level 3	Turn Off
88	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 8

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-800
SSD EQUIPMENT								
89	Area 8 Vacuum Transmitter	VT-8-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
90	Area 8 Vacuum Transmitter	VT-8-101	Low	Warning	60	in WC	Level 1	-
91	Area 8 Vacuum Transmitter	VT-8-101	High	Warning	92	in WC	Level 1	-
92	Area 8 Vacuum Transmitter	VT-8-101	High High	Alarm	95	in WC	Level 2	Turn Off
93	Area 8 Vacuum Transmitter	VT-8-101	SetPoint	Action	75	in WC	-	-
94	Area 8 Flow Transmitter	FT-8-101	Low	Warning	50	SCFM	Level 1	-
95	Area 8 Flow Transmitter	FT-8-101	High	Warning	600	SCFM	Level 1	-
96	B-800 Not Running	B-800	High High	Alarm	-	-	Level 2	Turn Off
97	B-800 Overload	B-800	High High	Alarm	-	-	Level 2	Turn Off
98	Area 8 E-Stop	ES-8-801	High High	Alarm	-	-	Level 3	Turn Off
99	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 9

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-900
SSD EQUIPMENT								
100	Area 9 Vacuum Transmitter	VT-9-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
101	Area 9 Vacuum Transmitter	VT-9-101	Low	Warning	37.5	in WC	Level 1	-
102	Area 9 Vacuum Transmitter	VT-9-101	High	Warning	60	in WC	Level 1	-
103	Area 9 Vacuum Transmitter	VT-9-101	High High	Alarm	120	in WC	Level 2	Turn Off
104	Area 9 Vacuum Transmitter	VT-9-101	SetPoint	Action	40	in WC	-	-
105	Area 9 Flow Transmitter	FT-9-101	Low	Warning	200	SCFM	Level 1	-
106	Area 9 Flow Transmitter	FT-9-101	High	Warning	600	SCFM	Level 1	-
107	B-900 Not Running	B-900	High High	Alarm	-	-	Level 2	Turn Off
108	B-900 Overload	B-900	High High	Alarm	-	-	Level 2	Turn Off
109	Area 9 E-Stop	ES-9-901	High High	Alarm	-	-	Level 3	Turn Off
110	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 10

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-1000
SSD EQUIPMENT								
111	Area 10 Vacuum Transmitter	VT-10-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
112	Area 10 Vacuum Transmitter	VT-10-101	Low	Warning	44.5	in WC	Level 1	-
113	Area 10 Vacuum Transmitter	VT-10-101	High	Warning	100	in WC	Level 1	-
114	Area 10 Vacuum Transmitter	VT-10-101	High High	Alarm	105	in WC	Level 2	Turn Off
115	Area 10 Vacuum Transmitter	VT-10-101	SetPoint	Action	45	in WC	-	-
116	Area 10 Flow Transmitter	FT-10-101	Low	Warning	250	SCFM	Level 1	-
117	Area 10 Flow Transmitter	FT-10-101	High	Warning	500	SCFM	Level 1	-
118	B-1000 Not Running	B-1000	High High	Alarm	-	-	Level 2	Turn Off
119	B-1000 Overload	B-1000	High High	Alarm	-	-	Level 2	Turn Off
120	Area 10 E-Stop	ES-10-1001	High High	Alarm	-	-	Level 3	Turn Off
121	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

Interlock Controls Design Target Zone 11

Interlock Number	Instrumentation Description	ERM P&ID Tag	Level	Warning Alarm, Action, SetPoint	Setpoint	Units	Action: Send Level X Email	Action: SSD Equipment Blower B-1100
SSD EQUIPMENT								
122	Area 11 Vacuum Transmitter	VT-11-101	Low Low	Alarm	5	in WC	Level 2	Turn Off
123	Area 11 Vacuum Transmitter	VT-11-101	Low	Warning	25	in WC	Level 1	-
124	Area 11 Vacuum Transmitter	VT-11-101	High	Warning	95	in WC	Level 1	-
125	Area 11 Vacuum Transmitter	VT-11-101	High High	Alarm	115	in WC	Level 2	Turn Off
126	Area 11 Vacuum Transmitter	VT-11-101	SetPoint	Action	65	in WC	-	-
127	Area 11 Flow Transmitter	FT-11-101	Low	Warning	25	SCFM	Level 1	-
128	Area 11 Flow Transmitter	FT-11-101	High	Warning	125	SCFM	Level 1	-
129	B-1100 Not Running	B-1100	High High	Alarm	-	-	Level 2	Turn Off
130	B-1100 Overload	B-1100	High High	Alarm	-	-	Level 2	Turn Off
131	Area 11 E-Stop	ES-11-1101	High High	Alarm	-	-	Level 3	Turn Off
132	Power Loss	-	-	Alarm	-	-	Level 4	Turn Off

ALARM LEVELS:
LEVEL 1: WARNING NOTIFICATION - NOTIFY PERSONNEL (EMAIL, SMS TEXT)
LEVEL 2: PROCESS ALARM - SHUT DOWN LOCAL COMPONENT(S) TIED TO ALARM CONDITION, NOTIFY SITE PERSONNEL (EMAIL, SMS TEXT)
LEVEL 3: EMERGENCY STOP - SHUT DOWN ALL COMPONENTS, NOTIFY SITE PERSONNEL (EMAIL, SMS TEXT)
LEVEL 4: POWER FAILURE - NOTIFY SITE PERSONNEL (EMAIL, SMS TEXT)
ABBREVIATIONS:
-: NOT APPLICABLE
E-STOP: EMERGENCY STOP
°F: DEGREES FAHRENHEIT
FT: FEET
IN WC: INCHES OF WATER COLUMN
NO: NORMALLY OPENED
NC: NORMALLY CLOSED
P&ID: PIPING & INSTRUMENTATION DIAGRAM
PSI: POUNDS PER SQUARE INCH
SCFM: STANDARD CUBIC FEET PER MINUTE
SSD: SUB-SLAB DEPRESSURIZATION SYSTEM

SYSTEM OPERATION:

BLOWER(S) OPERATION
- BLOWERS SPEED UP AND SLOW DOWN TO MAINTAIN THE VACUUM AT THE USER DEFINE VACUUM SETPOINT OR OPERATE BASED ON THE USER ADJUSTING EACH BLOWERS' SPEED. ALL BLOWERS ARE ABLE TO OPERATE INDIVIDUALLY. ALL WARNINGS, ALARMS, AND SYSTEM SHUTDOWN CONDITIONS ARE PROGRAMMED AS INCLUDED IN THE INTERLOCK TABLE. FOLLOWING A POWERLOSS, THE BLOWERS ARE PROGRAMMED TO RESUME OPERATION ONCE THE POWER IS RESTORED.

MOISTURE SEPARATOR PUMP OPERATION
- P-1-501 REMAINS OFF UNLESS MANUALLY PLACED IN HAND MODE.

Rev.	Date	Description	By	Chk
0	11/14/2025	AS-BUILT DRAWING SET	BM	KB

ERM

CONTROL NARRATIVE

DISCIPLINE NO.: -

VAPOR INTRUSION MITIGATION SYSTEM
ENERGIZER HOLDINGS, INC.
BENNINGTON, VERMONT

REV.: 0

SCALE	DESIGNED BY	PROJECT NUMBER	SHEET NO.
AS NOTED	KB	0796117	09
DATE DRAWN: NOVEMBER 2025	DRAWN BY: BM		

Environmental Resources Management, Inc.

FILE PATH: P:\Team\DMW\CAD\Drawings\Energizer\SSD As-Built\Rev 0 - As-Built\09_SSD Control Narrative.dwg CONTROL NARRATIVE, PRINTED ON 11/11/2025 BY Bridget McDevitt

APPENDIX E WASTE DOCUMENTATION

NON-HAZARDOUS WASTE MANIFEST

Manifest No. 1001

SECTION I: GENERATOR

Generator Name Energizer Holdings, Inc. Phone 608-683-6092

Mailing Address 800 Albemarle Road, Asheboro, NC 27203

Waste Generation Site Address 401 Gage Street, Bennington, VT 05201

Transporter Name Manchester, VT Hauling Phone 802-445-1021

Transporter Address 4561 Sunderland Hill Road, Arlington, VT 05250

Disposal Site Name NEWSVT (Coventry, VT) Phone (802) 334-8300

Disposal Site Address 21 Landfill Lane, Coventry, VT 05825

APPROVAL NUMBER	DESCRIPTION OF WASTE	QTY.	UNITS	CONTAINER
32593	construction debris (concrete, stone, & soil)	12	CYD	Rolloff

Comments/Handling Instructions

MARK Jorgensen - Agent of Energizer Holdings, LLC

I hereby certify that I am authorized to sign on behalf of the Generator. I certify that the above named material(s) are not considered hazardous and do not contain free liquids as defined by 40 CFR Part 261 and Part 260. The material has been properly described, classified, packaged and proper condition for transport in accordance with applicable laws and regulations.

Name (printed) MARK Jorgensen Signature Mark Jorgensen Date 06/30/2025

SECTION II: TRANSPORTER

I hereby certify that the material described above was picked up on the date and at the location listed above. The material was transported without incident directly from the generator to the disposal facility named above and to the best of my knowledge only the waste described above is contained in this load.

Driver Name Mike Whipple License Plate No./State 32 ES2

Driver Signature Mike Whipple Date 7-15-25

SECTION III: DISPOSAL FACILITY

Discrepancy

I hereby certify that the waste material indicated above has been accepted for disposal and to the best of my knowledge, the foregoing information is true and accurate.

Authorized Agent Jody Breault Signature Jody Breault Date 7-15-25

White: Landfill Copy Yellow: Transporter Copy Pink: Operator Copy Gold: Generator Copy

ap994573z

NEWS OF VT

A Division of Casella Waste Systems Inc
AIRPORT RD POB 348 -P(802)334-8300
NEWPORT, VT 05855 -F(802) 334-2476

Ticket: 994573
Date: 7/15/2025
Time: 07:54:57 - 08:13:31

Customer: BB02826/CWM BENNINGTON- ENE
Carrier: ALL/ALL METALS
Truck: ALL 30
Truck Type: RO/ROLL OFF
License: 32E52
Profile: 32593/CWM BENNINGTON- ENERG
Generator: 2682/ENERGIZER HOLDINGS INC
Grid: P6C1B/PHASE 6 CELL 1B
Driver: MWHIPPLE/MICHAEL WHIPPLE
P.O.: 1571523

Gross: 58580 L In Scale 1
Tare: 34320 L Out Scale 1
Net: 24260 L

Tons: 12.13

Materials & Services

Origin: BEN50/BENNINGTON - TOWN OF
Material: CSKS/CONTAM. SOIL DISPOSAL
Quantity: 12.13 Ton
Rate: $0.00/T
Amount: $ 0.00

Total Taxes: $ 0.00
Total Amount: $ 0.00

Weighmaster: JBREAULT

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST

Manifest No. 1002

SECTION I: GENERATOR

Generator Name: Energizer Holdings, Inc. Phone: 608-683-6092

Mailing Address: 800 Albemarle Road, Asheboro, NC 27203

Waste Generation Site Address: 401 Gage Street, Bennington, VT 05201

Transporter Name: Manchester, VT Hauling Phone: 802-445-1021

Transporter Address: 4561 Sunderland Hill Road, Arlington, VT 05250

Disposal Site Name: NEWSVT (Coventry, VT) Phone: (802) 334-8300

Disposal Site Address: 21 Landfill Lane, Coventry, VT 05825

APPROVAL NUMBER	DESCRIPTION OF WASTE	QTY.	UNITS	CONTAINER
32593	construction debris (concrete, stone, & soil)	12	CYD	Rolloff

Comments/Handling Instructions

Mark Jorgensen - Agent of Energizer Holdings, LLC

I hereby certify that I am authorized to sign on behalf of the Generator. I certify that the above named material(s) are not considered hazardous and do not contain free liquids as defined by 40 CFR Part 261 and Part 260. The material has been properly described, classified, packaged and in proper condition for transport in accordance with applicable laws and regulations.

Name (printed) Mark Jorgensen Signature Mark Jorgensen Date 06/30/2025

SECTION II: TRANSPORTER

I hereby certify that the material described above was picked up on the date and at the location listed above. The material was transported without incident directly from the generator to the disposal facility named above and to the best of my knowledge only the waste described above is contained in this load.

Driver Name Mike Whipple License Plate No./State 32E52

Driver Signature Mike Whipple Date 7-15-25

SECTION III: DISPOSAL FACILITY

Discrepancy

I hereby certify that the waste material indicated above has been accepted for disposal and to the best of my knowledge, the foregoing information is true and accurate.

Authorized Agent Jody Breault Signature Jody Breault Date 7-15-25

White: Landfill Copy Yellow: Transporter Copy Pink: Operator Copy Gold: Generator Copy

ap994585z

NEWS OF VT

A Division of Casella Waste Systems Inc
AIRPORT RD POB 348 -P(802)334-8300
NEWPORT, VT 05855 -F(802) 334-2476

Ticket: 994585
Date: 7/15/2025
Time: 08:23:14 - 08:42:41

Customer: BB02826/CWM BENNINGTON- ENE
Carrier: ALL/ALL METALS
Truck: ALL 30
Truck Type: RO/ROLL OFF
License: 32E52
Profile: 32593/CWM BENNINGTON- ENERG
Generator: 2682/ENERGIZER HOLDINGS INC
Grid: P6C1B/PHASE 6 CELL 1B
Driver: MWHIPPLE/MICHAEL WHIPPLE
P.O.: 1571525

Gross: 54800 L In Scale 1
Tare: 35860 L Out Scale 1
Net: 18940 L

Tons: 9.47

Materials & Services

Origin: BEN50/BENNINGTON - TOWN OF
Material: CSKS/CONTAM. SOIL DISPOSAL
Quantity: 9.47 Ton
Rate: $0.00/T
Amount: $ 0.00

Total Taxes: $ 0.00
Total Amount: $ 0.00

Weighmaster: JBREAULT

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

NON-HAZARDOUS WASTE MANIFEST

Manifest No. 1000

SECTION I: GENERATOR

Generator Name Energizer Holdings, Inc. Phone 608-683-6092

Mailing Address 800 Albemarle Road, Asheboro, NC 27203

Waste Generation Site Address 401 Gage Street, Bennington, VT 05201

Transporter Name Manchester, VT Hauling Phone 802-445-1021

Transporter Address 4561 Sunderland Hill Road, Arlington, VT 05250

Disposal Site Name NEWSVT (Coventry, VT) Phone (802) 334-8300

Disposal Site Address 21 Landfill Lane, Coventry, VT 05825

APPROVAL NUMBER	DESCRIPTION OF WASTE	QTY.	UNITS	CONTAINER
32593	construction debris (concrete, stone, & soil)	12	CYD	Rolloff

Comments/Handling Instructions

MARK Jurgensen - Agent of energizer Holdings, INC.

I hereby certify that I am authorized to sign on behalf of the Generator. I certify that the above named material(s) are not considered hazardous and do not contain free liquids as defined by 40 CFR Part 261 and Part 260. The material has been properly described, classified, packaged and in proper condition for transport in accordance with applicable laws and regulations.

Name (printed) MARK Jurgensen Signature Mark Jurgensen Date 06/30/2025

SECTION II: TRANSPORTER

I hereby certify that the material described above was picked up on the date and at the location listed above. The material was transported without incident directly from the generator to the disposal facility named above and to the best of my knowledge only the waste described above is contained in this load.

Driver Name Mike Whipple License Plate No./State 32E52

Driver Signature Mike Whipple Date 7-29-25

SECTION III: DISPOSAL FACILITY

Discrepancy

I hereby certify that the waste material indicated above has been accepted for disposal and to the best of my knowledge, the foregoing information is true and accurate.

Authorized Agent Jody Breault Signature Jody Breault Date 7-29-25

White: Landfill Copy Yellow: Transporter Copy Pink: Operator Copy Gold: Generator Copy

ap996978z

NEWS OF VT

A Division of Casella Waste Systems Inc
AIRPORT RD POB 348 -P(802)334-8300
NEWPORT, VT 05855 -F(802) 334-2476

******** Reprinted Ticket - Edited *****

Ticket: 996978
Date: 7/29/2025
Time: 14:06:26 - 14:25:28

Customer: BB02826/CWM BENNINGTON- ENE
Carrier: ALL/ALL METALS
Truck: ALL 30
Truck Type: RO/ROLL OFF
License: 32E52
Profile: 32593/CWM BENNINGTON- ENERG
Generator: 2682/ENERGIZER HOLDINGS INC
Grid: P6C1B/PHASE 6 CELL 1B
Driver: MWHIPPLE/MICHAEL WHIPPLE
P.O.: 1571524

Gross: 62720 L In Scale 1
Tare: 35500 L Out Scale 1
Net: 27220 L

Tons: 13.61

Materials & Services

Origin: BEN50/BENNINGTON - TOWN OF
Material: CSKS/CONTAM. SOIL DISPOSAL
Quantity: 13.61 Ton
Rate: $0.00/T
Amount: $ 0.00

Total Taxes: $ 0.00
Total Amount: $ 0.00

Weighmaster: JBREAULT

Driver:

By signing above, I declare that I did NOT deposit any PROHIBITED WASTES

****

Special Waste Characterization Profile

I. Requested Facility *Choose all that apply*

- ☐ **Massachusetts:** Southbridge (Southbridge, MA)
- ☐ **Maine:** Hawk Ridge (Unity, ME)
- ☐ **Maine:** Juniper Ridge (Old Town, ME)
- ☐ **New Hampshire:** NCES (Bethlehem, NH)
- ☐ **Pennsylvania:** McKean (Mt. Jewett, PA)
- ☑ **Vermont:** NEWSVT (Coventry, VT)
- ☐ **New York:** Chemung County (Lowman, NY)
- ☐ **New York:** Clinton County (Morrisonville, NY)
- ☐ **New York:** Grasslands (Chateaugay, NY)
- ☐ **New York:** Hyland (Angelica, NY)
- ☐ **New York:** Ontario County (Stanley, NY)
- ☐ **Other:** _____

II. Generator

Name: Energizer Holdings, Inc.
Mailing Address: 800 Albemarle Road
City: Asheboro State: NC ZIP Code: 27203
Contact Name: Steve Buss Title: Manager-Global Safety, Health, and Environmental Affair
Phone: 608-683-6092 Fax: N/A Email: Steve.Buss@energizer.com

III. Bill To Customer ☐ *Same as Generator above*

Company Name: Remediation Equipment and Services, LLC
Billing Address: 155 Railroad Plaza
City: Royersford State: PA ZIP Code: 19468
Contact Name: Gary Sheridan Title: Remediation Systems Manager
Phone: 484-482-7189 Fax: N/A Email: gary.sheridan@remediationequip.com

IV. Consultant/Representative

Company Name: Environmental Resources Management, Inc.
Contact Name: Khrista Baran Title: Managing Consultant, Engineering
Phone: 484-913-0490 Fax: N/A Email: Khrista.Baran@erm.com

V. Delivery and Quantity ☑ ***One-Time Event*** *or* ☐ ***On-Going (Annually)***

Amount to Be Delivered (Estimated): 40 ☑ Tons ☐ Cubic Yards ☐ Other: _____
Density of Waste (Approximate): 2000 Pounds/Cubic Yard
Delivery Vehicle: ☑ Roll-off ☐ Packer Truck ☐ Tractor Trailer ☐ Vac Truck ☐ Other: _____
Hauler Name: Casella
Mailing Address: _____ Phone: _____
Transporter Permit #: _____ (for State of Disposal)
Previous Disposal Facility (Name): _____
Application Was Submitted to/Approved by Another Disposal Facility (Name): _____

VI. Waste Stream Information

Common Waste Name: construction debris (concrete, stone, & soil)
Location or Address of Waste Generation Site: 401 Gage Street
City: Bennington State: VT ZIP Code: 05201 County: Bennington County
Site Type: ☑ Industrial/Manufacturing ☐ Commercial ☐ Residential
☐ Institutional ☐ Municipal ☐ Other: _____

a. Waste Generation Process ☐ *Check if detailed Process Description is attached as a separate document*

Describe the site and waste generating process. Please be as detailed as possible. Include a process flow diagram if available.

Concrete, soil, and stone were excavated from the interior of the former battery manufacturing facility currently inactive) to install below grade piping and suction points for the vapor intrusion mitigation system (VIMS). Excavation were limited to a few feet below the concrete slab.

b. Waste Description ■ *Check if detailed Waste Description is attached as a separate document*

Describe the source of contaminants and materials used to generate the waste. Please be as specific and detailed as possible.

Installation of the VIMS requires the removal of interior concrete floor and below grade soils from a former battery manufacturing facility (currently inactive) to install the below grade piping and suction points for the VIMS. The VIMS is required to limit volatile organic vapors emanating from contaminated groundwater beneath the floor slabs into the ambient indoor air.

Describe all hazardous or nuisance properties associated with the waste:

Not applicable.

Describe any special handling or disposal procedures:

Not applicable.

Consistency at 70°F: ■ Solid; ☐ Semi-Solid; ☐ Sludge; ☐ Liquid; ☐ Powder; ☐ Other _____

Ignitable (per 40 CFR 261.21): ☐ Yes ■ No

Reactive (per 40 CFR 261.23): ☐ Yes ■ No

Free Liquids: ☐ Yes ■ No

% Solids: Soil: 99.4%; Concrete: 94.5%

Odor: None

pH Range: Soil: 7.71; Concrete: 11.3

Is the waste an EPA listed hazardous waste under 40 CFR 261? ☐ Yes ■ No

Is the waste non-hazardous waste from a CERCLA site? ☐ Yes ■ No

Is the waste considered hazardous in the state of origin or the state of disposal? ☐ Yes ■ No

Is the waste a treated hazardous waste, a de-listed hazardous waste or subject to land disposal restrictions (LDR) under 40 CFR 268, Subpart D? ☐ Yes ■ No

c. Analytical Data

*At a minimum, full RCRA waste characterization analysis is required (§ 40 CFR 261) unless the applicant provides acceptable justification for submittal of less comprehensive data. The **generator** is responsible for proper waste characterization.*

Is representative waste characterization analysis attached?

■ Yes → Please complete Appendix A of profile form.

☐ No → Please provide detailed explanation supporting the use of generator knowledge in lieu of analysis:

Not applicable.

VII. Generator Certification

I hereby certify that (1) I am the duly authorized representative of the generator; (2) all information submitted on this form and on supplemental materials is true and accurate; (3) the information provided herein, including any supplemental information, such as laboratory analytical, SDS, etc., accurately describes the waste stream to be delivered to the facility and that all known or suspected hazards have been disclosed; (4) Casella can contact the laboratory directly to discuss our attached waste stream. I understand that once the waste stream is approved by Casella based on this information, any deviation in the source, composition, constituents or characteristics of the waste stream from the information described herein, may render the waste stream unacceptable for disposal, at the sole discretion of Casella. I further understand that any deviation from the information contained herein will require immediate notification to the disposal facility and cessation of disposal.

Signature (Generator): Steven D Buss

Name (Print): Steve Buss

Company: Energizer Holdings, Inc.

Title: Manager-Global Safety, Health, and Environmental Af

Date: 6/13/2025

Appendix A

Additional Waste Stream Information

It is the Generator's responsibility to properly characterize the waste and demonstrate it is classified as non-hazardous by State and Federal regulations.

1. Samples

Samples collected and analyzed for waste characterization should be done in accordance with the EPA SW-846 Guidance Document and most recent approved EPA Method(s) for solid wastes.

Number of Samples: ____ Grab 2 Composite

Sample Source: ____ Boring(s) ____ Test Pit(s) X Stockpiles(s) ____ Core ____ Container

Soil/remediation projects must include a site map indicating area of excavation and sample locations.

2. Analysis

Please indicate all chemical analysis provided to support waste characterization. All testing must be performed by a laboratory certified in the State the waste is to be disposed in, where applicable.

Laboratory Name: Pace Analytical Labs Laboratory Accreditation #: VT (VT-0935),MA (M-MA086),

Applicable Laboratory Report ID #'s: L2531196

Minimum Requirements

- ☑ TCLP RCRA 8 Metals
- ☑ TCLP Volatile Organic Compounds (VOCs)
- ☑ TCLP Semi-Volatile Organic Compounds (SVOCs)
- ☐ TCLP Herbicides
- ☐ TCLP Pesticides
- ☑ Reactive Sulfide
- ☑ Reactive Cyanide
- ☑ Total PCBs
- ☑ % Solids (Moisture Content)
- ☑ Free Liquids (Paint Filter)
- ☑ Corrosivity by pH
- ☑ Ignitability / Flashpoint

Additional Requirements

- ☐ Total TPH [1]
- ☐ Total PAH's [1]
- ☐ Total Organic Halogens (TOX)
- ☐ Total BTEX
- ☐ TCLP Copper [2]
- ☐ TCLP Nickel [2]
- ☐ TCLP Zinc [2]
- ☐ TCLP Vanadium [3]
- ☐ Total Sulfur/Sulfate
- ☐ TCLP PCBs
- ☐ Total Dioxins & Furans

Total Analysis AND Water Leaching Procedure (ASTM) Method D3987

- ☐ COD [2]
- ☐ Total Solids [2]
- ☐ Total Volatile Solids [2]
- ☐ Oil and Grease or Petroleum Hydrocarbons [2]
- ☐ Ammonia-Nitrogen [2]

Other

- ☐ Radiological analysis: U-238, RA-226, RA-228, TH-232, and K-40 by EPA test procedure 901.1 dry weight analysis expressed in pCi/g.
- ☐ Gamma field scans on the material and expressed in uR/hr or uRem/hr.
- ☐ Safety Data Sheets (SDS)
- ☐ Other_____

3. Generator Knowledge Statement

If the chemical analysis provided does not meet the minimum requirements, please provide an analysis waiver request with justification based on generator's knowledge of the process generating the waste.

See Attached ERM Letter.
Due to a communications error, the laboratory did not run pesticides / herbicides. However, the waste is being generated from interior building areas where no uses of pesticides or herbicides would have been made except for possible pesticide applications for sanitation purposes. The Generator has no knowledge of any other pesticide or herbicide uses within the building.

1 VT only
2 PA only
3 ME only

ERM's Philadelphia Office
75 Valley Stream Parkway
Suite 200
Malvern, PA 19355

T +1 484 913 0300

erm.com

TO
Casella Waste Systems, Inc.

DATE
16 June 2025

SUBJECT
Energizer Bennington Facility – Soil and Concrete Disposal

REFERENCE
0743167

To Whom It May Concern:

On behalf of Energizer Holdings Inc., Remedial Equipment and Services (RES), under contract with Environmental Resources Management, Inc. (ERM), is overseeing the disposal of excess soil and concrete generated during the construction of a Vapor Intrusion Mitigation System (VMIS) at Energizer's facility located at 401 Gage Street in Bennington, Vermont. This construction is in accordance with the Vermont Department of Environmental Conservation's (VTDEC)-approved Corrective Action Plan, dated 9 August 2024.

As part of the construction of the VIMS, excess soil and concrete were generated during the installation of below concrete slab suction point and piping. These excess soil and concrete were separately temporary stockpiled on poly sheeting within the building and later transferred into a roll-off containers. RES collected a five-point composite sampling of each the soil and concrete stockpiles segregated for off-Site disposal. Based on my communications with RES, I understand RES' samples were analyzed in accordance with Casella Waste Systems, Inc. screening requirements. The concrete composite sample revealed the presence of Polychlorinated Biphenyls (PCBs), specifically Aroclor 1254, at a concentration of 3.260 mg/kg.

Although the Energizer Bennington facility previously underwent remediation for PCB contamination related to a transformer release, that issue was formally closed by the VTDEC in 2005 following the removal of 11.2 cubic yards of impacted material and confirmatory sampling. See attached letter. Importantly, the transformer area was located 30 feet outside the manufacturing building, whereas the concrete in question originated from within the building. Therefore, it is not believed that the detected PCB levels in the concrete are related to the historical transformer incident.

As part of the planning process for the sub-slab depressurization system, ERM also conducted a partial regulated building material assessment to evaluate potential risks to construction workers. Two samples of building materials, specifically the mastic between floor title and the concrete slab were collected and analyzed for PCB content. One sample (PCB-02) was found to contain Aroclor 1254 at a concentration of 5.2 mg/kg. This concentration classifies the material as an Excluded PCB Product under the Toxic Substances Control Act (TSCA), as it falls between 1 mg/kg and 50 mg/kg. Based on this information, it is believed that the PCB concentrations observed in the

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concrete are attributable to residual mastic from previously installed floor tiles and are not subject to TSCA regulation.

Regarding trichloroethylene (TCE), the TCLP analytical results for TCE were non-detect. While the site does have known TCE impacts in groundwater—one of the reasons for installing the vapor intrusion mitigation system—there is no evidence to suggest the presence of TCE in the soils designated for off-Site disposal. The soil was screened using a photoionization detector, and no elevated readings were recorded in addition to the non-detect analytical results. Therefore, there is no reason to believe the soil should be classified as a F-listed waste. Should additional analytical data, such as total TCE (non-TCLP), be required, please let us know.

Please feel free to contact us with any questions or requests for further information.

Thank you,

Michael Pettit

Attachment:
VTDEC Letter

State of Vermont

AGENCY OF NATURAL RESOURCES
Department of Environmental Conservation
Waste Management Division
103 South Main Street/West Office
Waterbury, Vermont 05671-0404
(802) 241-3888
FAX (802) 241-3296

Department of Fish and Wildlife
Department of Forests, Parks, and Recreation
Department of Environmental Conservation
State Geologist
RELAY SERVICES FOR THE HEARING IMPAIRED
1-800-253-0191 TDD>Voice
1-800-253-0195 Voice>TDD

November 23, 2005

Eveready Battery Corporation
Attn: Greg Bird
401 Gage Street
Bennington, VT 05201-2586

RE: Sites Management Activities Completed designation
Site: Energizer Battery, Bennington, Vermont (SMS Site #2005-3379)

Dear Mr. Bird:

The Sites Management Section (SMS) has reviewed the Transformer Soil Assessment/Remediation Report for the above referenced site, which was submitted by ECS, Inc. and dated September 2, 2005. The SMS has also reviewed the site file for this property. With this information, the SMS has made the following determination:

- On June 9, 2005, ECS began investigating contamination originating Transformer #1 at the Eveready site. Polychlorinated biphenyls (PCBs) were detected in soils at a concentration of 784 parts per billion (ppb). Total petroleum hydrocarbons (TPH) at this location ranged from 3,050 to 15,300 parts per million (ppm). Contamination appeared to be limited to the soils immediately at the surface, as no contamination was detected in soils sampled between 1.5 and 2 feet below grade. Transformer #1 was replaced with new equipment.

- On June 21, 2005, additional investigation activities were conducted in the vicinity of Transformer #1. TPH levels exceeding 1,000 ppm were found to be restricted to the upper two feet of soil. Samples taken from beneath the concrete pad supporting the transformer showed no evidence of contamination.

- On July 6, 2005, ECS began investigation of the soils beneath Transformer #3. The transformer itself had been removed at the time of the investigation, though the concrete pad it had sat on remained. No odors or stains were found underlying soils, though TPH levels in the vicinity of the transformer conduit were at 3,080 ppm.

- On July 14, 2005, soil removal activities were carried out by Clean Harbors. Confirmatory soil samples taken by ECS following the excavation showed no detection of TPH or PCBs.

- The SMS has received a certificate of destruction for 11.2 cubic yards of contaminated soil, which was removed from the site and transported to ESMI in Louden, NH.

- No unacceptable risk to human health or the environment is present due to any residual contamination remaining at the site from either Transformer #1 or Transformer #3.

- over -

Based on the above, the SMS is assigning this site a Site Management Activity Completed (SMAC) designation. The SMAC designation will not release Energizer Battery from any past or future liability associated with contamination at the site. It does, however, mean that the SMS is not requesting any additional work in response to the contamination discovered during the investigation of the Transformer #1 and Transformer #3.

Please feel free to call with any questions. I can be reached at (802) 241-3491.

Sincerely,

George Desch, Chief, P.E.
Sites Management Section

cc: DEC Regional Office – Rutland (submitted electronically)
Ron Miller, ECS (submitted electronically)
Bennington Health Officer
Bennington Select Board

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Jeremy Bittlebrun
ERM-Northeast
800 Cranberry Woods Dr.
Suite 290
Cranberry Township, Pennsylvania 16066

Generated 3/31/2025 12:58:23 AM

JOB DESCRIPTION

Energizer VIMS Preconstruction
Bennington VT

JOB NUMBER

240-220886-1

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton OH 44203

See page two for job notes and contact information.

my EOL

Job Notes

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

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

Authorization

Roxanne Cisneros

Generated
3/31/2025 12:58:23 AM

Authorized for release by
Roxanne Cisneros, Senior Project Manager
roxanne.cisneros@et.eurofinsus.com
(330)497-9396

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Definitions/Glossary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Job ID: 240-220886-1 — Eurofins Cleveland

Job Narrative
240-220886-1

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

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

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

Receipt
The samples were received on 3/22/2025 9:10 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.2°C.

PCBs
Method 8082A: Surrogate recovery for the following sample was outside control limits: PCB-1 (240-220886-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8082A: The following samples required a tetrabutylammonium sulfite (TBA) clean-up to reduce matrix interferences caused by sulfur: PCB-1 (240-220886-1), PCB-2 (240-220886-2), (LCS 240-649460/2-A) and (MB 240-649460/1-A).

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

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

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

Method Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Method	Method Description	Protocol	Laboratory
8082A	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	EET CLE
6010D	Metals (ICP)	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3546	Microwave Extraction	SW846	EET CLE
Part Size Red	Particle Size Reduction Preparation	None	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

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

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Sample Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
240-220886-1	PCB-1	Solid	03/20/25 07:00	03/22/25 09:10
240-220886-2	PCB-2	Solid	03/20/25 07:15	03/22/25 09:10
240-220886-3	PS-1	Solid	03/20/25 07:30	03/22/25 09:10
240-220886-4	PS-2	Solid	03/20/25 07:45	03/22/25 09:10
240-220886-5	PS-3	Solid	03/20/25 08:00	03/22/25 09:10

Detection Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PCB-1 — Lab Sample ID: 240-220886-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	430		430	180	ug/Kg	1	☼	8082A	Total/NA

Client Sample ID: PCB-2 — Lab Sample ID: 240-220886-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
PCB-1254	5200		2100	880	ug/Kg	5	☼	8082A	Total/NA

Client Sample ID: PS-1 — Lab Sample ID: 240-220886-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	44		0.95	0.27	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: PS-2 — Lab Sample ID: 240-220886-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	62		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: PS-3 — Lab Sample ID: 240-220886-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Lead	83		1.1	0.30	mg/Kg	1	☼	6010D	Total/NA

This Detection Summary does not include radiochemical test results.

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PCB-1
Date Collected: 03/20/25 07:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-1
Matrix: Solid
Percent Solids: 99.7

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<210		430	210	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1221	<260		430	260	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1232	<180		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1242	<160		430	160	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1248	<150		430	150	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1254	**430**		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1260	<180		430	180	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1262	<190		430	190	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1
PCB-1268	<140		430	140	ug/Kg	☼	03/25/25 09:13	03/26/25 12:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*10 - 149*	*03/25/25 09:13*	*03/26/25 12:41*	*1*
DCB Decachlorobiphenyl	*11991*	*S1+*	*10 - 174*	*03/25/25 09:13*	*03/26/25 12:41*	*1*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**99.7**		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	**0.3**		0.1	0.1	%			03/25/25 11:00	1

Client Sample ID: PCB-2

Date Collected: 03/20/25 07:15
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-2

Matrix: Solid
Percent Solids: 99.4

Method: SW846 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<1000		2100	1000	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1221	<1300		2100	1300	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1232	<880		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1242	<800		2100	800	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1248	<710		2100	710	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1254	**5200**		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1260	<880		2100	880	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1262	<920		2100	920	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5
PCB-1268	<670		2100	670	ug/Kg	☼	03/25/25 09:13	03/26/25 12:56	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*10 - 149*	*03/25/25 09:13*	*03/26/25 12:56*	*5*
DCB Decachlorobiphenyl	*91*	*p*	*10 - 174*	*03/25/25 09:13*	*03/26/25 12:56*	*5*

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**99.4**		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	**0.6**		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-1
Date Collected: 03/20/25 07:30
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-3
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	98.5		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	1.5		0.1	0.1	%			03/25/25 11:00	1

Client Sample Results

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-1
Date Collected: 03/20/25 07:30
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-3
Matrix: Solid
Percent Solids: 98.5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	44		0.95	0.27	mg/Kg	☼	03/24/25 15:00	03/25/25 15:40	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	92.3		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	7.7		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid
Percent Solids: 92.3

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	62		1.1	0.30	mg/Kg	☼	03/24/25 15:00	03/25/25 15:54	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	87.9		0.1	0.1	%			03/25/25 11:00	1
Percent Moisture (EPA Moisture)	12.1		0.1	0.1	%			03/25/25 11:00	1

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid
Percent Solids: 87.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	83		1.1	0.30	mg/Kg	☼	03/24/25 15:00	03/25/25 15:59	1

Surrogate Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)											
		TCX2	DCBP2										
Lab Sample ID	Client Sample ID	(10-149)	(10-174)										
240-220886-1	PCB-1	84	11991 S1+										
240-220886-2	PCB-2	82	91 p										
LCS 240-649460/2-A	Lab Control Sample	85	100										
MB 240-649460/1-A	Method Blank	76	69										

Surrogate Legend

TCX = Tetrachloro-m-xylene

DCBP = DCB Decachlorobiphenyl

Method: 8082A - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 240-649460/1-A
Matrix: Solid
Analysis Batch: 649609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 649460

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
PCB-1016	<25		50	25	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1221	<30		50	30	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1232	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1242	<19		50	19	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1248	<17		50	17	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1254	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1260	<21		50	21	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1262	<22		50	22	ug/Kg		03/25/25 09:13	03/26/25 13:27	1
PCB-1268	<16		50	16	ug/Kg		03/25/25 09:13	03/26/25 13:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*76*		*10 - 149*	*03/25/25 09:13*	*03/26/25 13:27*	*1*
DCB Decachlorobiphenyl	*69*		*10 - 174*	*03/25/25 09:13*	*03/26/25 13:27*	*1*

Lab Sample ID: LCS 240-649460/2-A
Matrix: Solid
Analysis Batch: 649609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 649460

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
PCB-1016			1000	808		ug/Kg		81	28 - 140		
PCB-1260			1000	844		ug/Kg		84	39 - 153		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*85*		*10 - 149*
DCB Decachlorobiphenyl	*100*		*10 - 174*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-649388/1-A
Matrix: Solid
Analysis Batch: 649563

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 649388

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.28		1.0	0.28	mg/Kg		03/24/25 15:00	03/25/25 14:47	1

Lab Sample ID: LCS 240-649388/2-A
Matrix: Solid
Analysis Batch: 649563

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 649388

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Lead			100	95.2		mg/Kg		95	80 - 120		

QC Association Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

GC Semi VOA

Prep Batch: 649460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	3546	
240-220886-2	PCB-2	Total/NA	Solid	3546	
MB 240-649460/1-A	Method Blank	Total/NA	Solid	3546	
LCS 240-649460/2-A	Lab Control Sample	Total/NA	Solid	3546	

Analysis Batch: 649609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	8082A	649460
240-220886-2	PCB-2	Total/NA	Solid	8082A	649460
MB 240-649460/1-A	Method Blank	Total/NA	Solid	8082A	649460
LCS 240-649460/2-A	Lab Control Sample	Total/NA	Solid	8082A	649460

Metals

Processed Batch: 649199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-4	PS-2	Total/NA	Solid	Part Size Red	

Prep Batch: 649388

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-3	PS-1	Total/NA	Solid	3050B	
240-220886-4	PS-2	Total/NA	Solid	3050B	649199
240-220886-5	PS-3	Total/NA	Solid	3050B	
MB 240-649388/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-649388/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Analysis Batch: 649563

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-3	PS-1	Total/NA	Solid	6010D	649388
240-220886-4	PS-2	Total/NA	Solid	6010D	649388
240-220886-5	PS-3	Total/NA	Solid	6010D	649388
MB 240-649388/1-A	Method Blank	Total/NA	Solid	6010D	649388
LCS 240-649388/2-A	Lab Control Sample	Total/NA	Solid	6010D	649388

General Chemistry

Processed Batch: 649199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-4	PS-2	Total/NA	Solid	Part Size Red	

Analysis Batch: 649519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
240-220886-1	PCB-1	Total/NA	Solid	Moisture	
240-220886-2	PCB-2	Total/NA	Solid	Moisture	
240-220886-3	PS-1	Total/NA	Solid	Moisture	
240-220886-4	PS-2	Total/NA	Solid	Moisture	649199
240-220886-5	PS-3	Total/NA	Solid	Moisture	

Client Sample ID: PCB-1 — **Lab Sample ID: 240-220886-1**
Date Collected: 03/20/25 07:00 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PCB-1 — **Lab Sample ID: 240-220886-1**
Date Collected: 03/20/25 07:00 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 99.7**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			649460	NPR	EET CLE	03/25/25 09:13
Total/NA	Analysis	8082A		1	649609	LSH	EET CLE	03/26/25 12:41

Client Sample ID: PCB-2 — **Lab Sample ID: 240-220886-2**
Date Collected: 03/20/25 07:15 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PCB-2 — **Lab Sample ID: 240-220886-2**
Date Collected: 03/20/25 07:15 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 99.4**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3546			649460	NPR	EET CLE	03/25/25 09:13
Total/NA	Analysis	8082A		5	649609	LSH	EET CLE	03/26/25 12:56

Client Sample ID: PS-1 — **Lab Sample ID: 240-220886-3**
Date Collected: 03/20/25 07:30 — **Matrix: Solid**
Date Received: 03/22/25 09:10

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-1 — **Lab Sample ID: 240-220886-3**
Date Collected: 03/20/25 07:30 — **Matrix: Solid**
Date Received: 03/22/25 09:10 — **Percent Solids: 98.5**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:40

Lab Chronicle

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Processed	Part Size Red			649199	POP	EET CLE	03/22/25 07:04
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-2
Date Collected: 03/20/25 07:45
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-4
Matrix: Solid
Percent Solids: 92.3

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Processed	Part Size Red			649199	POP	EET CLE	03/22/25 07:04
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:54

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Analysis	Moisture		1	649519	BLW	EET CLE	03/25/25 11:00

Client Sample ID: PS-3
Date Collected: 03/20/25 08:00
Date Received: 03/22/25 09:10

Lab Sample ID: 240-220886-5
Matrix: Solid
Percent Solids: 87.9

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Analyst	Lab	Prepared or Analyzed
Total/NA	Prep	3050B			649388	DEE	EET CLE	03/24/25 15:00
Total/NA	Analysis	6010D		1	649563	AJC	EET CLE	03/25/25 15:59

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

Accreditation/Certification Summary

Client: ERM-Northeast
Project/Site: Energizer VIMS Preconstruction

Job ID: 240-220886-1
SDG: Bennington VT

Laboratory: Eurofins Cleveland

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
Connecticut	State	PH-0806	12-31-26
Georgia	State	4062	02-27-26
Illinois	NELAP	200004	08-31-25
Iowa	State	421	06-01-25
Kansas	NELAP	E-10336	01-31-26
Kentucky (UST)	State	112225	02-28-26
Kentucky (WW)	State	KY98016	12-31-25
Minnesota	NELAP	039-999-348	12-31-25
New Hampshire	NELAP	225024	09-30-25
New Jersey	NELAP	OH001	07-03-25
New York	NELAP	10975	03-31-25
Ohio	State	8303	11-04-25
Ohio VAP	State	ORELAP 4062	02-28-26
Oregon	NELAP	4062	02-27-26
Pennsylvania	NELAP	68-00340	08-31-25
Texas	NELAP	T104704517-22-19	08-31-25
US Fish & Wildlife	US Federal Programs	A26406	02-28-26
USDA	US Federal Programs	P330-18-00281	01-05-27
Virginia	NELAP	460175	09-14-25
West Virginia DEP	State	210	12-31-25
Wisconsin	State	399167560	08-31-25

Eurofins Cleveland
180 S. Van Buren Avenue
Barberton, OH 44203
Phone (330) 497-9396 Phone (330) 497-0772

Chain of Custody Record

2.3
2.2

Client Information	Sampler: Jeremy Bittlebrun	Lab PM: Cisneros, Roxanne	Carrier Tracking No(s): 7728 6534 7184
Client Contact: Jeremy Bittlebrun	Phone: 814-494-5274	E-Mail: roxanne.cisneros@et.eurofinsus.com	State of Origin: VT
Company: ERM-Northeast	PWSID:		
Address: 2009 Mackenzie Way, Suite 100	Due Date Requested:		
City: Cranberry Township	TAT Requested (days): Standard		
State, Zip: PA, 16066	Compliance Project: Δ Yes Δ No		
Phone: 724-933-5835	PO #: Purchase Order not required		
Email: jeremy.bittlebrun@erm.com	WO #: 0743167.02		
Project Name: Energizer VIMS Preconstruction	Project #: 24035064		
Site: Bennington VT	SSOW#:		

Analysis Requested

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8082A - PCBs	6010D - Total Lead	Total Number of containers
			Preservation Code:		X	X			X
PCB-1	3/20/25	0700	G	S			X		
PCB-2		0715					X		
PS-1		0730						X	
PS-2		0745						X	
PS-3		0800						X	

240-220886 COC

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retain
☐ Return To Client ☐ Disposal By Lab ☐ Arc

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by:	Date/Time:	Company	Received by: Date/Time:

1. Cooler temperature upon receipt ☐ See Multiple Cooler Form

IR GUN # 18 (CF -0.1 °C) Observed Cooler Temp. 2.3 °C Corrected Cooler Temp. 2.2

2. Were tamper/custody seals on the outside of the cooler(s)? If Yes Quantity 1	(Yes)	No
-Were the seals on the outside of the cooler(s) signed & dated?	(Yes)	No NA
-Were tamper/custody seals on the bottle(s) or bottle kits (LLHg/MeHg)?	Yes	(No)
-Were tamper/custody seals intact and uncompromised?	(Yes)	No NA
3. Shippers' packing slip attached to the cooler(s)?	(Yes)	(No) (UPS)
4. Did custody papers accompany the sample(s)?	(Yes)	No
5. Were the custody papers relinquished & signed in the appropriate place?	(Yes)	No
6. Was/were the person(s) who collected the samples clearly identified on the COC?	(Yes)	No
7. Did all bottles arrive in good condition (Unbroken)?	(Yes)	No
8. Could all bottle labels (ID/Date/Time) be reconciled with the COC?	(Yes)	No
9. For each sample, does the COC specify preservatives (Y/N), # of containers (Y/N), and sample type of grab/comp (Y/N)?	(Yes)	No
10. Were correct bottle(s) used for the test(s) indicated?	(Yes)	No
11. Sufficient quantity received to perform indicated analyses?	(Yes)	No
12. Are these work share samples and all listed on the COC?	Yes	(No)
If yes, Questions 13-17 have been checked at the originating laboratory.		
13. Were all preserved sample(s) at the correct pH upon receipt?	Yes	No (NA) pH Strip Lot# HC44
14. Were VOAs on the COC?	Yes	(No)
15. Were air bubbles >6 mm in any VOA vials? ● ⬅ Larger than this.	Yes	No (NA)
16. Was a VOA trip blank present in the cooler(s)? Trip Blank Lot #_____	Yes	(No)
17. Was a LL Hg or Me Hg trip blank present? _____	Yes	(No)

Tests that are n checked for pH Receiving:
VOAs
Oil and Grease
TOC

Contacted PM _____ Date _____ by _____ via Verbal Voice Mail Other

Concerning _____

18. CHAIN OF CUSTODY & SAMPLE DISCREPANCIES ☐ additional next page

Samples processed by:

19. SAMPLE CONDITION

Sample(s) _____ were received after the recommended holding time had expired.
Sample(s) _____ were received in a broken container.
Sample(s) _____ were received with bubble >6 mm in diameter. (Notify PM)

20. SAMPLE PRESERVATION

Sample(s) _____ were further preserved in the laboratory
Time preserved: _____ Preservative(s) added/Lot number(s): _____

VOA Sample Preservation - Date/Time VOAs Frozen: _____

WI-NC-099-123124 Cooler Receipt Form.doc

PS-2	240-220886-A-4	Soil jar 16oz - clear glass			
PS-3	240-220886-A-5	Soil jar 16oz - clear glass			

Page 1 of 1

ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
48	3/20/25

Description:

PCB-01

Black Vinyl Floor Tile Mastic; Plant 1; Basement; Café Steps, Bore 1-14

PCB Content (mg/Kg):

Aroclor 1016: <0.210
Aroclor 1221: <0.260
Aroclor 1232: <0.180
Aroclor 1242: <0.160
Aroclor 1248: <0.150
Aroclor 1254: 0.430
Aroclor 1260: <0.180
Aroclor 1262: <0.190
Aroclor 1268: <0.140



ERM	PHOTOGRAPHIC LOG

Project Name:	Site Location:	Project No.
Energizer Holdings, Inc. Limited Regulated Building Materials Survey	401 Gage Street, Bennington, VT 05201	0743167

Page No.	Date:
49	3/20/25

Description:

PCB-02

Yellow/Brown Tile Mastic; Plant 1; Basement; Café Floor, Bore 1-13

PCB Content (mg/Kg):

Aroclor 1016: <1.000
Aroclor 1221: <1.300
Aroclor 1232: <0.880
Aroclor 1242: <0.800
Aroclor 1248: <0.710
Aroclor 1254: 5.200
Aroclor 1260: <0.880
Aroclor 1262: <0.920
Aroclor 1268: <0.670



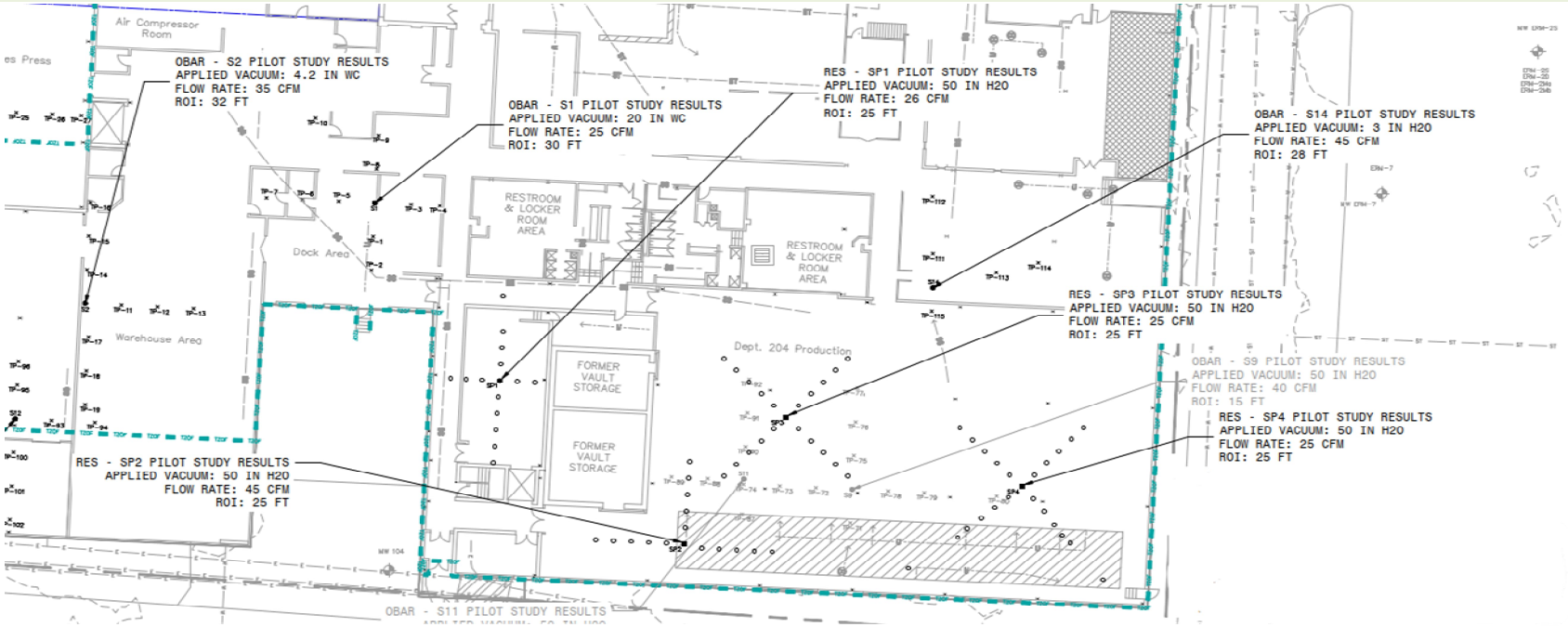
PS-3
PS-2
PS-1
PCB-2
PCB-1
N
0 25 50 100 Feet
FIGURE EXTENT
N
0 0.0225 0.045 0.09 Miles
Legend
Approximate Sampling Location
Site Property Boundary
VT Tax Parcels
Figure 7
Approximate Paint and PCB Sampling Locations
Plant 1, Basement
Energizer Holdings, Inc.
Bennington, Vermont
ERM
Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet
DRAWN BY: E.WORKMAN
SCALE: 1:800 when printed at 11x17
REVISED: 04/01/2025
FILE: \\SCUSPRDGISFS01\Data\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_04_ACMSampling\Energizer_2025_ACMSampling.aprx

APPENDIX F JUNE 2024 PILOT STUDY DATA - DESIGN TARGET ZONES 8 & 9

Design Target Zones 8 & 9 Pilot Study
Energizer Holdings, Inc.
Bennington, Vermont

ENERGIZER HOLDINGS, INC.

The data presented is from the June 2024 Design Target Zones 8 & 9 Pilot Study. The locations of the four transects (RES SP1, RES SP2, RES SP3, RES SP4) are shown below.



SSD Suction Point ID: SP-1
Date: 6/26/2024
Time: 13:52 ROI 0.008 IN WC

Energizer SSD Pilot Test Data								
Suction Point Applied Vacuum Level	None	20.0	30.0	40.0	49.0	60.0	110.0
	0.0 inches WC	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC
Blower Vacuum Level	None	26.0	34.0	46.5	53.0	63.0	110.0
	Pretest (Baseline)	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC
Actual Time	13:37	13:53	14:10	14:35	14:43	14:54	16:22
Pre-Dilution Valve Flow FPM	-	504	805	985	1110	1182	1242
Pre-Dilution Valve Pipe Nominal Diameter inches	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Pre-Dilution Valve Pipe Cross Sectional Area ft^2	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233
Pre-Dilution Valve Flow SCFM	-	11.7	18.8	23.0	25.9	27.5	28.9
Pre-Carbon PID Concentration PPM	0.0	83.8	9.8	3.0	0.2	0.2	0.2
Post-Carbon PID Concentration PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monitoring Point	Distance from Suction Point, ft	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Notes
SP1-MP-N1	4.750	0.001	0.442	0.440	0.850	0.846	1.502	3.820	
SP1-MP-N2	9.750	0.002	0.119	0.123	0.070	0.295	0.059	3.545	
SP1-MP-N3	14.833	0.001	0.075	0.013	0.018	0.050	0.033	0.071	
SP1-MP-N4	23.583	0.000	0.013	0.003	0.007	0.005	0.009	0.005	Near a suspected wall footer
SP1-MP-N5	-	-	-	-	-	-	-	-	Not drilled due to proximity to stairs
SP1-MP-E1	4.833	0.003	0.683	1.070	1.360	1.650	2.040	3.460	
SP1-MP-E2	9.833	0.004	0.002	0.004	0.004	0.005	0.006	0.020	Near a suspected wall footer
SP1-MP-S1	5.000	0.004	0.807	1.267	1.757	2.017	2.420	4.386	
SP1-MP-S2	9.917	0.002	0.336	0.500	0.650	0.843	0.886	0.041	
SP1-MP-S3	15.000	0.000	0.013	0.020	0.027	0.144	0.067	0.077	
SP1-MP-S4	20.000	0.001	0.004	0.036	0.135	0.046	0.010	0.092	
SP1-MP-S5	24.917	0.001	0.010	0.024	0.025	0.043	0.049	0.059	
SP1-MP-W1	5.000	0.000	0.071	0.101	0.128	0.159	0.179	0.459	
SP1-MP-W2	9.750	0.000	0.026	0.043	0.060	0.067	0.881	0.134	
SP1-MP-W3	12.250	0.001	0.013	0.025	0.034	0.040	0.117	0.119	
SP1-MP-W4	-	-	-	-	-	-	-	-	Not drilled due to hallway location
SP1-MP-W5	-	-	-	-	-	-	-	-	Not drilled due to hallway location

Equipment	Make	Model	Range
Blower	Ametek	EN454W58ML	0-60 in WC
Hotwire Anemometer	Dwyer	471B-1	0-6000 FPM
Applied Vacuum Gauge	-	LP1-254-100	0-100 in WC
Suction Point Vacuum Gauge	-	LP1-254-100	0-160 in WC
Monitoring Point Gauge	Dwyer	DM-1000 Series	varies

blower for higher vac test:
make: Nash Elmo
model: 2BH1610-7HH46-Z
range: 0-177 in WC
ref: 2BH1610_20091103 (cromemco.gr)
= indicates test was ran with higher vac blower

Notes:
- flow taken at well head
- straight pipe requirements met
- SP1-MP-N5 not drilled due to stairs
- SP1-MP-W4 and SP1-MP-W5 not drilled due to hallway location
- Header pipe is 2" Sch.40 PVC
- = N/A
- ref for flow equation: https://calculator.academy/fpm-feet-per-minute-to-cfm-cubic-feet-per-minute-calculator/

PID Calibrated? yes no
zero cal.: 0.0 ppm
span gas cal.: 100 ppm
isobutylene

Units:
FPM - feet per minute
inches WC - inches of water column
PPM - parts per million
SCFM - standard cubic feet per minute

inner diameter for 2" sch. 40 pipe = 2.067
source: https://www.engineeringtoolbox.com/pvc-cpvc-pipes-dimensions-d 795.html

inner diameter area for 2" sch. 40 pipe = 0.0233028 ft^2

SSD Suction Point ID: SP-2
Date: 6/26/2024
Time: 7:38

ROI 0.008 IN WC

Energizer SSD Pilot Test Data						
Suction Point Applied Vacuum Level		None	20.0	31.0	40.0	48.0
		0.0 inches WC	inches WC	inches WC	inches WC	inches WC
Blower Vacuum Level		None	25.0	44.0	50.0	56.0
		Pretest (Baseline)	inches WC	inches WC	inches WC	inches WC
	Actual Time	7:19	7:38	8:17	8:41	8:56
Pre-Dilution Valve Flow	FPM	-	1029	1220	1448	1920
Pre-Dilution Valve Pipe Nominal Diameter	inches	2.0	2.0	2.0	2.0	2.0
Pre-Dilution Valve Pipe Cross Sectional Area	ft^2	0.0233	0.0233	0.0233	0.0233	0.0233
Pre-Dilution Valve Flow	SCFM	-	24.0	28.4	33.7	44.7
Pre-Carbon PID Concentration	PPM	0.0	0.2	0.6	0.2	0.2
Post-Carbon PID Concentration	PPM	0.0	0.0	0.0	0.0	0.0

Monitoring Point	Distance from Suction Point, ft	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Notes
SP2-MP-N1	4.583	0.000	0.070	0.010	0.130	0.160	
SP2-MP-N2	9.875	0.000	0.000	0.002	0.002	0.011	
SP2-MP-N3	14.583	0.000	0.016	0.028	0.038	0.033	
SP2-MP-N4	19.583	0.000	0.010	0.008	0.018	0.027	
SP2-MP-N5	24.833	0.000	0.006	0.002	0.023	0.025	
SP2-MP-E1	5.000	0.000	0.166	0.302	0.376	0.385	
SP2-MP-E2	9.917	0.000	0.053	0.095	0.120	0.138	
SP2-MP-E3	14.083	0.000	0.045	0.081	0.100	0.114	
SP2-MP-E4	19.917	0.000	0.030	0.052	0.063	0.078	
SP2-MP-E5	24.917	0.000	0.030	0.053	0.066	0.078	
SP2-MP-E6*	61.000	NM	NM	0.008	0.012	0.014	monitoring point not set at the time of
SP2-MP-S1	-	-	-	-	-	-	Not drill through to the soil, slab is >16"
SP2-MP-S2	-	-	-	-	-	-	thick
SP2-MP-W1	4.917	0.000	0.025	0.041	0.033	0.086	
SP2-MP-W2	9.958	0.000	0.017	0.030	0.016	0.032	
SP2-MP-W3	15.000	0.000	0.000	0.010	0.016	0.012	
SP2-MP-W4	19.958	0.001	0.004	0.003	0.010	0.023	
SP2-MP-W5	25.000	0.000	0.004	0.002	0.020	0.028	

Equipment	Make	Model	Range
Blower	Ametek	EN454W58ML	0-60 in WC
Hotwire Anemometer	Dwyer	471B-1	0-6000 FPM
Applied Vacuum Gauge	-	LP1-254-100	0-100 in WC
Suction Point Vacuum Gauge	-	LP1-254-100	0-160 in WC
Monitoring Point Gauge	Dwyer	DM-1000 Series	varies

PID Calibrated? yes no

zero cal.: 0.0 ppm
span gas cal.: 100 ppm
isobutylene

Notes:
- flow taken at well head
- straight pipe requirements met
- SP2-MP-S1 and SP2-MP-S2 did not drill through to the soil, slab is >16" thick
- Header pipe is 2" Sch.40 PVC
- Readings not taken at 0719 or 0738 yet for SP2-MP-E6
* = new monitoring point drilled along southern wall in middle of room
- = N/A
NM - Not Measured due to monitoring point not being set at time of test
- ref for flow equation: https://calculator.academy/fpm-feet-per-minute-to-cfm-cubic-feet-per-minute-calculator/

Units:
FPM - feet per minute
inches WC - inches of water column
PPM - parts per million
SCFM - standard cubic feet per minute

inner diameter for 2" sch. 40 pipe = 2.067
source: https://www.engineeringtoolbox.com/pvc-cpvc-pipes-dimensions-d 795.html

inner diameter area for 2" sch. 40 pipe = 0.0233028 ft^2

SSD Suction Point ID: SP-3

Date: 6/26/2024

Time: 9:49 ROI 0.008 IN WC

Energizer SSD Pilot Test Data								
Suction Point Applied Vacuum Level		None 0.0	20.0 inches WC	30.0 inches WC	37.0 inches WC	45.0 inches WC	55.0 inches WC	55.0 inches WC
Blower Vacuum Level		None Pretest (Baseline)	26.0 inches WC	36.0 inches WC	44.0 inches WC	51.0 inches WC	60.0 inches WC	60.0 inches WC
	Actual Time	9:39	9:49	10:06	10:24	10:41	10:54	11:15
Pre-Dilution Valve Flow	FPM	-	515	724	782	880	936	1028
Pre-Dilution Valve Pipe Nominal Diameter	inches	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Pre-Dilution Valve Pipe Cross Sectional Area	ft^2	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233
Pre-Dilution Valve Flow	SCFM	-	12.0	16.9	18.2	20.5	21.8	24.0
Pre-Carbon PID Concentration	PPM	0.0	0.1	6.0	1.4	0.2	0.2	0.2
Post-Carbon PID Concentration	PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monitoring Point	Distance from Suction Point, ft	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Notes
SP3-MP-NW1	4.750	0.001	0.373	0.471	0.517	0.528	NM	0.775	
SP3-MP-NW2	9.750	0.000	0.175	0.202	0.199	0.285	NM	0.338	
SP3-MP-NW3	14.833	0.000	0.034	0.043	0.057	0.068	NM	0.220	
SP3-MP-NW4	19.833	0.000	0.015	0.031	0.020	0.023	NM	0.120	
SP3-MP-NW5	24.833	0.001	0.043	0.053	0.071	0.083	NM	0.099	
SP3-MP-NE1	4.750	0.001	0.570	0.209	0.216	0.500	0.332	NM	
SP3-MP-NE2	9.750	0.001	0.072	0.125	0.112	0.181	0.175	NM	
SP3-MP-NE3	14.833	0.000	0.030	0.012	0.102	0.020	0.101	NM	
SP3-MP-NE4	19.833	0.002	0.005	0.006	0.015	0.008	0.032	NM	
SP3-MP-NE5	24.933	0.002	0.005	0.003	0.011	0.010	0.008	NM	
SP3-MP-SE1	4.917	0.001	0.427	1.167	1.130	1.310	1.432	NM	
SP3-MP-SE2	9.917	0.000	0.028	0.030	0.081	0.232	0.075	NM	
SP3-MP-SE3	14.917	0.000	0.010	0.072	0.113	0.181	0.044	NM	
SP3-MP-SE4	19.917	0.001	0.002	0.067	0.081	0.091	0.092	NM	
SP3-MP-SE5	25.000	0.000	0.000	0.002	0.003	0.006	0.003	NM	SP3-MP-SE5 is near a suspected subsurface anomaly
SP3-MP-SE6*	53.250	0.000	0.003	0.003	0.003	0.006	0.003	NM	Unknown Utility between SP3-MP-SE6 and SP3-MP-SE5
SP3-MP-SW1	4.958	0.000	0.334	0.408	0.415	0.542	0.701	NM	
SP3-MP-SW2	10.000	0.000	0.223	0.275	0.335	0.464	0.555	NM	
SP3-MP-SW3	15.000	0.000	0.112	0.330	0.084	0.064	0.050	NM	
SP3-MP-SW4	20.000	0.000	0.010	0.013	0.054	0.012	0.025	NM	
SP3-MP-SW5	25.000	0.000	0.006	0.009	0.014	0.018	0.022	NM	

Equipment	Make	Model	Range
Blower	Ametek	EN454W58ML	0-60 in WC
Hotwire Anemometer	Dwyer	471B-1	0-6000 FPM
Applied Vacuum Gauge	-	LP1-254-100	0-100 in WC
Suction Point Vacuum Gauge	-	LP1-254-100	0-160 in WC
Monitoring Point Gauge	Dwyer	DM-1000 Series	varies

Notes:
- flow taken at well head
- straight pipe requirements met
- Header pipe is 2" Sch.40 PVC
- Putty and Tubing changed out @ SP3-MP-SE5 at 10:54
- Blower system shut off during 10:54 reading to breaker overheating, readings not collected for NW MP's
* = new monitoring point drilled along southern wall in middle of room
- = N/A
NM - Not Measured because blower shut down due to blown breaker
- ref for flow equation: https://calculator.academy/fpm-feet-per-minute-to-cfm-cubic-feet-per-minute-calculator/

PID Calibrated? yes no

zero cal.: 0.0 ppm

span gas cal.: 100 ppm

isobutylene

Units:
FPM - feet per minute
inches WC - inches of water column
PPM - parts per million
SCFM - standard cubic feet per minute

inner diameter for 2" sch. 40 pipe = 2.067 inches
source: https://www.engineeringtoolbox.com/pvc-cpvc-pipes-dimensions-d_795.html

inner diameter area for 2" sch. 40 pipe = 0.0233028 ft^2

SSD Suction Point ID: SP-4

Date: 6/26/2024

Time: 11:47

ROI 0.008 IN WC

Energizer SSD Pilot Test Data										
Suction Point Applied Vacuum Level		None	20.0	30.0	40.0	50.0	59.0	66.0	90.0	110.0
		0.0	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC
Blower Vacuum Level		None	27.0	35.0	46.0	54.0	62.0	70.0	91.0	111.0
		Pretest (Baseline)	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC	inches WC
	Actual Time	11:34	11:47	12:16	12:38	12:55	13:12	15:26	15:44	16:02
Pre-Dilution Valve Flow	FPM	-	530	678	854	952	1041	1143	1208	1310
Pre-Dilution Valve Pipe Nominal Diameter	inches	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0
Pre-Dilution Valve Pipe Cross Sectional Area	ft^2	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233	0.0233
Pre-Dilution Valve Flow	SCFM	-	12.3	15.8	19.9	22.2	24.3	26.6	28.1	30.5
Pre-Carbon PID Concentration	PPM	0.0	33.0	3.7	0.2	0.2	0.2	0.2	0.2	0.2
Post-Carbon PID Concentration	PPM	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Monitoring Point	Distance from Suction Point, ft	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Vacuum, inches WC	Notes
SP4-MP-NW1	4.750	0.000	0.159	0.125	0.176	1.493	2.070	2.223	2.206	3.431	
SP4-MP-NW2	9.750	0.002	0.094	0.055	0.132	0.495	0.526	0.557	0.233	0.900	
SP4-MP-NW3	14.750	0.001	0.084	0.023	0.112	0.179	0.228	0.229	0.297	0.383	
SP4-MP-NW4	19.833	0.001	0.043	0.078	0.123	0.142	0.154	0.084	0.128	0.155	
SP4-MP-NW5	24.667	0.000	0.018	0.033	0.046	0.052	0.066	0.041	0.085	0.084	
SP4-MP-NE1	4.667	0.000	0.008	0.022	0.044	0.053	0.768	0.673	0.887	1.172	
SP4-MP-NE2	9.667	0.001	0.063	0.071	0.095	0.129	0.192	0.155	0.251	0.248	
SP4-MP-NE3	14.667	0.001	0.057	0.063	0.100	0.093	0.159	0.138	0.193	0.267	
SP4-MP-NE4	19.750	0.000	0.025	0.030	0.050	0.060	0.123	0.064	0.104	0.106	
SP4-MP-NE5	24.750	0.000	0.023	0.015	0.030	0.050	0.014	0.062	0.031	0.062	
SP4-MP-SE1	5.000	0.000	0.122	0.158	0.220	0.265	0.312	0.330	0.390	0.501	
SP4-MP-SE2	9.750	0.001	0.118	0.165	0.230	0.271	0.310	0.337	0.360	0.497	
SP4-MP-SE3	15.083	0.001	0.018	0.123	0.186	0.219	0.250	0.217	0.281	0.288	
SP4-MP-SE4	20.000	0.000	0.004	0.020	0.008	0.031	0.015	0.038	0.022	0.031	
SP4-MP-SE5	24.083	0.000	0.002	0.005	0.003	0.008	0.002	0.017	0.041	0.017	
SP4-MP-SE6*	38.667	0.000	0.002	0.000	0.002	0.003	0.004	0.003	0.004	0.002	Unknown Utility identified between SP4-MP-SE5 and SP4-MP-SE6
SP4-MP-SW1	4.917	0.001	0.112	0.156	0.202	0.211	0.282	0.201	0.773	0.441	
SP4-MP-SW2	10.083	0.000	0.087	0.123	0.169	0.143	0.250	0.166	0.290	0.340	
SP4-MP-SW3	15.000	0.000	0.042	0.068	0.079	0.121	0.096	0.107	0.105	0.182	
SP4-MP-SW4	20.000	0.001	0.004	0.007	0.009	0.015	0.004	0.010	0.008	0.000	
SP4-MP-SW5	25.000	0.004	0.002	0.000	0.007	0.013	0.006	0.004	0.006	0.010	
SP4-MP-SW6*	43.667	0.001	0.002	0.002	0.003	0.002	0.003	0.002	0.001	0.002	Unknown Utility identified between SP4-MP-SW5 and SP4-MP-SW6

Equipment	Make	Model	Range
Blower	Ametek	EN454W58ML	0-60 in WC
Hotwire Anemometer	Dwyer	471B-1	0-6000 FPM
Applied Vacuum Gauge	-	LP1-254-100	0-100 in WC
Suction Point Vacuum Gauge	-	LP1-254-100	0-160 in WC
Monitoring Point Gauge	Dwyer	DM-1000 Series	varies

blower for higher vac test:
make: Nash Elmo
model: 2BH1610-7HH46-Z
range: 0-177 in WC
ref: 2BH1610_20091103 (cromemco.gr)

= indicates test was ran with higher vac blower

Notes:
- flow taken at well head
- straight pipe requirements met
- Header pipe is 2" Sch.40 PVC
* = new monitoring point drilled along southern wall in middle of room and southeast corner of the room
- = N/A
- vacuum levels in
- ref for flow equation: https://calculator.academy/fpm-feet-per-minute-to-cfm-cubic-feet-per-minute-calculator/

PID Calibrated? yes no

zero cal.: 0.0 ppm

span gas cal.: 100 ppm

isobutylene

Units:
FPM - feet per minute
inches WC - inches of water column
PPM - parts per million
SCFM - standard cubic feet per minute

inner diameter for 2" sch. 40 pipe = 2.067 inches
source: https://www.engineeringtoolbox.com/pvc-cpvc-pipes-dimensions-d_795.html

inner diameter area for 2" sch. 40 pipe = 0.0233028 ft^2

APPENDIX G CONSTRUCTION QA/QC RESULTS

CONCRETE STRENGTH TESTING RESULTS

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877 US-4 • Schuylerville, NY 12871
Phone (518) 372-4067 • Fax (518) 507-6113

REPORT OF COMPRESSIVE STRENGTH TEST

Client *Remediation Equipment & Services, Inc* **Project Code** *250710*

Project *ERM Energizer, Bennington VT* **Date** *7/7/2025*

FIELD DATA

Placement Location: Trench Fill:Trench fill inside 140 Scott St Bennington, VT 05201

42.88035° N, 73.19090° W:Trench fill inside 140 Scott St.

Date Placed: 6/9/2025

Cyls Made Per: ASTM C31

Time Made: 11:56 AM

Slump (C143, T152,C1611) : 2 in.

Air Content(C231, T152) 2.2 %

Air Temperature: 66 °F

Mix Temperature (C1064, T309) : 75 °F

Unit Weight (lbs/cu ft) (C138, T121) :

Mix Supplier: 21st Century Concrete, Inc.

Ticket #: 13010077 **Truck #:** 688

Mix Type: Other: 402NA

Supplier Mix ID:

Mix Design not on file at time of report

Cement: **Water:**
Fly Ash: **Coarse Agg #1:**
Slag: **Coarse Agg #2:**
Micro Silica: **Fine Aggregate**
Admixture(s):

Field Data by: ATC/Radhakrishnan, Rohit
Date Received in Lab: 6/11/2025

COMPRESSIVE STRENGTH TEST RESULTS

Specimen Type: 4 x 8 Cylinder **Test Method:** ASTM C39/AASHTO T22 **Spec PSI:** 4000

Lab #	Cure Type	Date Tested	Age Days	Diam A In.	Diam B In.	Area Sq In.	Unit Wt.	Factor	Total Load Lbs	Comp. Strength PSI	Comp. Strength MPA	Capping Type	Fracture Type
18306	Moist Room	7/7/25	28	4.02	4.01	12.65	150.67	1.00	79540	6290	43.37		Edge
18307	Moist Room	7/7/25	28	4.02	4.02	12.69	149.77	1.00	86370	6800	46.92		Edge

Remarks: Initial Curing Method:Field Cure
End Capping was completed per C1231 or C617, T231 (N-Neoprene, S-Sulfur, G-Grinding)

Compressive strength results comply with specifications

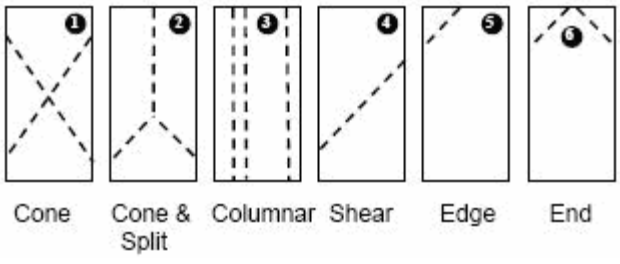
Specimens cast by
Advance Testing

Specimens transported by
Advance Testing

Reviewed by:

Latest Strength Tests by:
Kellermann , Frederick (015

Latest Strength Tests at:
OFFICE: Schuylerville, NY



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REPORT OF COMPRESSIVE STRENGTH TEST

Client *Remediation Equipment & Services, Inc* **Project Code** *250710*

Project *ERM Energizer, Bennington VT* **Date** *7/10/2025*

FIELD DATA

Placement Location: Client Made; Redimix Truck, CL-2-2/CL-2-1 (GS)

Date Placed: 6/11/2025 **Mix Supplier:**

Cyls Made Per: ASTM C31 **Ticket #:** **Truck #:**

Time Made: 11:45 AM **Mix Type:**

Slump (C143, T152,C1611) : **Supplier Mix ID:**

Mix Design not on file at time of report

Air Content(C231, T152) (C173, T196) :

Air Temperature: °F **Cement:** **Water:**

Fly Ash: **Coarse Agg #1:**

Mix Temperature (C1064, T309) : °F **Slag:** **Coarse Agg #2:**

Micro Silica: **Fine Aggregate**

Unit Weight (lbs/cu ft) (C138, T121) : **Admixture(s):**

Field Data by: Client

Date Received in Lab: 6/18/2025

COMPRESSIVE STRENGTH TEST RESULTS

Specimen Type: 4 x 8 Cylinder **Test Method:** ASTM C39/AASHTO T22 **Spec PSI:**

Lab #	Cure Type	Date Tested	Age Days	Diam A In.	Diam B In.	Area Sq In.	Unit Wt.	Factor	Total Load Lbs	Comp. Strength PSI	Comp. Strength MPA	Capping Type	Fracture Type
19314	Moist Room	7/9/25	28	4.00	4.01	12.61	152.59	1.00	77330	6130	42.27	N	Cone & Split
19315	Moist Room	HOLD	0	4.01	4.02	12.65	150.26	1.00					

Remarks: End Capping was completed per C1231 or C617, T231 (N-Neoprene, S-Sulfur, G-Grinding)

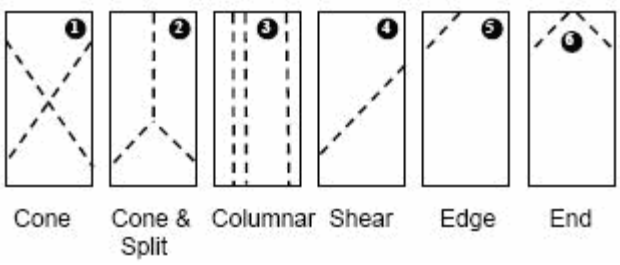
Specimens cast by
Client

Specimens transported by
Advance Testing

Reviewed by:

Latest Strength Tests by:
Mellion-Solomon , Justin (

Latest Strength Tests at:
OFFICE: Campbell Hall, NY



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REPORT OF COMPRESSIVE STRENGTH TEST

Client *Remediation Equipment & Services, Inc* **Project Code** *250710*

Project *ERM Energizer, Bennington VT* **Date** *7/10/2025*

FIELD DATA

Placement Location: Client Made; Hand Batch, Base 1/ Base 2, 1600 MK

Date Placed: 6/11/2025 **Mix Supplier:**

Cyls Made Per: ASTM C31 **Ticket #:** **Truck #:**

Time Made: **Mix Type:**

Slump (C143, T152,C1611) : **Supplier Mix ID:**

Mix Design not on file at time of report

Air Content(C231, T152) (C173, T196) :

Air Temperature: °F **Cement:** **Water:**

Fly Ash: **Coarse Agg #1:**

Mix Temperature (C1064, T309) : °F **Slag:** **Coarse Agg #2:**

Micro Silica: **Fine Aggregate**

Unit Weight (lbs/cu ft) (C138, T121) : **Admixture(s):**

Field Data by: Client

Date Received in Lab: 6/18/2025

COMPRESSIVE STRENGTH TEST RESULTS

Specimen Type: 4 x 8 Cylinder **Test Method:** ASTM C39/AASHTO T22 **Spec PSI:**

Lab #	Cure Type	Date Tested	Age Days	Diam A In.	Diam B In.	Area Sq In.	Unit Wt.	Factor	Total Load Lbs	Comp. Strength PSI	Comp. Strength MPA	Capping Type	Fracture Type
19316	Moist Room	7/9/25	28	4.02	4.01	12.65	148.51	1.00	51730	4090	28.19	N	Cone & Split
19317	Moist Room	HOLD	0	4.02	4.02	12.67	150.03	1.00					

Remarks: End Capping was completed per C1231 or C617, T231 (N-Neoprene, S-Sulfur, G-Grinding)

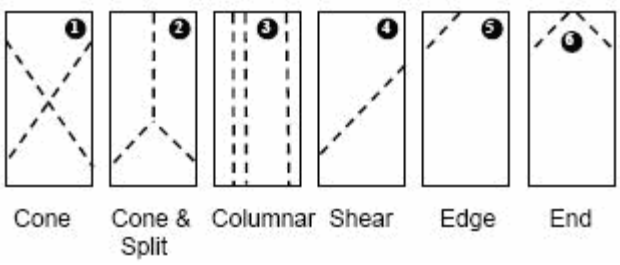
Specimens cast by
Client

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Reviewed by:

Latest Strength Tests by:
Mellion-Solomon , Justin (

Latest Strength Tests at:
OFFICE: Campbell Hall, NY



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VAPOR MONITORING POINT LEAK TESTING RESULTS

Zone	Vapor Point	Labeled Y/N	Time Test started	Time Test Completed	Pass - Fail	Rework or Comments?	ERM - Initials
1	VMP-1	Y	1130	120	PASS		MJ
1	VMP-2	Y	1128	1200	PASS		MJ
1	VMP-3	Y	1126	1158	PASS		MJ
5	VMP-4	Y	1059	1140	PASS		MJ
5	VMP-5	Y	1104	1142	PASS		MJ
2	VMP-6	Y	1053	1138	PASS	CAP BROKE / Replaced w/New	MJ
2	VMP-7	Y	1124	1136	PASS		MJ
3	VMP-8	Y	1049	1135	PASS		MJ
3	VMP-9	Y	1043	1132	PASS		MJ
5	VMP-10	Y	1107	1144	PASS		MJ
6	VMP-11	Y	1110	1145	PASS		MJ
10	VMP-12	Existing - Do Not Test		N/A	N/A		—
7	VMP-13	Existing - Do Not Test		N/A	N/A		—
10	VMP-14	Y	1035	1038	PASS		MJ
8	VMP-15	Y	1116	1150	PASS		MJ
8	VMP-16	Y	1113	1148	PASS		MJ
9	VMP-17	Y	1112	1147	PASS		MJ
11	VMP-18	Y	1119	1153	PASS		MJ
11	VMP-19	Existing - Do Not Test		N/A	N/A		—
11	VMP-20	Existing - Do Not Test		N/A	N/A		—

VAPOR BARRIER QA/QC RESULTS

Test ID	% Moisture (scented)	% Moisture (not scented)	Dish (pretest, g) weight	Start Date Time
T1	27.2 END 18.5%	28.0 END 24.8	32.6 END 34.4	6/30/25 09:29 7/3/25 06:52
T2	30.3 END: 17.6	29.5 END 23.7	32.5 END: 34.5	6/30/25 09:33 7/3/25 06:58
T3	30.5 END: 21.0	26.5 27.2	32.5 END 34.1	6/30/25 09:37 7/3/25 07:00
T4	27.0 END: 21.5	29.2 28.8	32.3 END: 34.4	6/30/25 09:40 7/3/25 07:03

START: 71°F 67% Hu.

END: 58° 97%

T1 pH 8

T2 pH 8

T3 pH 8

T4 pH 8

pH test Results

Calculation Formula for

Vapor Score

Calcium Chloride tests

$$\frac{\text{Weight Gain} \times 118.932}{\text{Total Hours}} = \text{Pounds}$$

Test Result Spreadsheet

Test No.	Start Date	Start Weight	pH	End Date	End Weight	Weight Gain
1.	6/30	32.6	8	7/3	34.4	1.8
2.	6/30	32.5	8	7/3	34.5	2.0
3.	6/30	32.5	8	7/3	34.1	1.6
4.	6/30	32.3	8	7/3	34.4	2.1
5.						
6.						
7.						
8.						
9.						
10.						
11.	(1)	3.08	LBS			
12.	(2)	3.42				
13.	(3)	2.74				
14.	(4)	3.59				
15.						
16.	TOT	RUN	APPROX			
17.	69.5	HOURS				
18.						
19.						
20.						

Test results can be entered online at

www.vaporscore.com

on our moisture calculator for instant results

T1
T2
T2
T1
17
450 sqft
8.2
Height
8.5
A+B=
A+B 5/6

Vapor Score Calcium Chloride and Alkalinity Test Kits meet and comply with both ASTM F1869-11 and ASTM F710-11. Test used to measure the vapor emission rate of your concrete slab and its acceptability of floor coverings.

Commonly Asked Questions

How many tests are required?
ASTM F1869 calls out for 3 tests for the first 1000 sq ft and 1 test for each 1000 sq ft. after that.

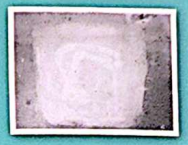
How long should tests be placed?
Tests should be placed between 60 to 72 hours.

What should test conditions be like in testing facility?
Building should have a temperature between 65° and 75° Fahrenheit and 40 - 60% relative humidity.

What is the value of test results or MVER?
Moisture vapor emission rate (MVER) is the amount of water vapor in pounds emitted from 1000 sq ft area of concrete flooring during a 24 hour period. This number or figure corresponds to flooring manufactures acceptable tolerance.

Moisture Testing Procedures

Vapor Score Calcium Chloride test kit meet and conform to ASTM F1869-11



Remove Calcium Chloride test from sealed pouch. Grind an area 20" x 20" removing any dirt, residue, and curing compound. Pass rag over area to remove all dust.

Weigh dish using a gram scale (scales should be accurate to .10 g) Please do NOT remove tape prior to weighing.

Document all required information, such as test number, location, weight, date, and time. This information should be placed on dish lid as well as the spreadsheet provided.



Remove black tape from dish and attach to interior of dome.

Carefully remove cap and place dish on slab making sure not to spill (pellets should be level throughout dish). Cap can be slid under dish for safe keeping. Test should not be placed on a cracks or joints.



Remove white release tape from dome sealant and center directly over dish. Press down firmly on all edges to ensure an air tight seal (this can be tested by putting a slight amount of pressure on center of dome to make sure no air escapes).

Allow test to remain undisturbed for 60 - 72 hours. Cut open dome and carefully cover with lid and original black vinyl tape. Be careful not to spill any of the constant inside of dish.



Immediately weigh dish using same gram scale. Document results on both dish lid as well as spreadsheet. Visit ***www.vaporscore.com*** to input test results easily or calculate using formula provided.

Alkalinity Test Procedures

Vapor Score Alkalinity Test meets and conforms to ASTM F710-11



Sand a 12 inch section of the concrete floor with an electric grinder. You can manually sand the concrete if you do not have access to an electric sander. Sweep up the concrete dust with a broom or vacuum cleaner.



Hold one end of a pH testing strip against the surface of the sanded concrete.

Drop one drop of distilled water (included) on the pH test strip. The test strip must be pressed against the concrete to get results.



Compare the color of the test strip to the pH color guide included in your test kit.

Calculation Formula for

Vapor Score

Calcium Chloride tests

$$\frac{\text{Weight Gain} \times 118.932}{\text{Total Hours}} = \text{Pounds}$$

Test Result Spreadsheet

Test No.	Start Date	Start Weight	pH	End Date	End Weight	Weight Gain
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.						
12.						
13.						
14.						
15.						
16.						
17.						
18.						
19.						
20.						

Test results can be entered online at
www.vaporscore.com
on our moisture calculator for instant results

VAPOR SCORE

VAPOR SCORE

Website: www.vaporscore.com
Email: info@vaporscore.com
Phone: 225-Dome-Kit (366-3548)
Fax: 225-Dome-Fax (366-3329)

VAPOR SCORE

www.vaporscore.com

ANHYDROUS CALCIUM CHLORIDE MOISTURE TEST KITS



PRESSURE PIPE TESTING RESULTS

Remediation Equipment & Services

SUBMITTAL COVER SHEET

Project Name: Energizer Vapor Intrusion Mitigation System

Project #: 25-50006-07

Owner: Energizer Holdings, Inc
401 Gauge Street
Bennington, VT, 05201

Contractor: Remediation Equipment & Services, Inc. 155 Railroad Plaza
Royersford, PA 19468

Design Engineer: ERM, Inc.
75 Valley Stream Parkway Suite 200
Malvern, PA 19355

Project Manager: Gary Sheridan
484-482-7189

Project Manager: Khrista Baran
570-579-8815

Principal In Charge: Mitchell Moss
484-885-3169

Principal In Charge: Michael Pettit
610-639-4768

Submittal # **028A** **Revision # 1**

Date: September 29, 2025

Date	Spec Section	Description	Manufacturer	Type
8/29/25 thru 9/23/25	TS 11.g.	Leak Testing Results	RES	Air

Revised table to correct measurement units error in Zones 2, 3, and 10.

Final Testing Results Tabulation 9/24/2025								
Date	**Zone**	**Start Time**	**End Time**	**Initial Vac (in wc)**	**Final Vac (in wc)**	**Vac Loss (in wc)**	**% drop**	**Pass / Fail**
29-Aug	2	7:53:00 AM	8:24:00 AM	-221.43	-218.67	-2.76	1%	Pass
	3	8:05:00 AM	8:35:00 AM	-95.49	-94.11	-1.38	1%	Pass
	10	8:22:00 AM	8:52:00 AM	-95.49	-95.49	0	0%	Pass
	9	11:08:00 AM	11:38:00 AM	-92	-92	0	0%	Pass
5-Sep	11	11:34:00 AM	12:04:00 PM	-88	-84	-4	5%	Pass
22-Sep	7	9:22:00 AM	9:52:00 AM	-90	-82	-8	9%	Pass
	4	9:29:00 AM	9:59:00 AM	-68	-62	-6	9%	Pass
	5	10:18:00 AM	10:48:00 AM	-138	-134	-4	3%	Pass
	1	4:07:00 PM	4:37:00 PM	-120	-112	-8	7%	Pass
23-Sep	8	10:00:00 AM	10:30:00 AM	-188	-169.5	-18.5	10%	Pass
	6	11:00:00 AM	11:30:00 AM	-58	-53	-5	9%	Pass

APPENDIX H INITIAL VIMS OPERATIONAL DATA

VIMS Initial Operations Data
Energizer Holdings, Inc.
Bennington, Vermont

ENERGIZER HOLDINGS, INC.

Target Zone	Parameter[1]	Units	Startup & Commissioning 9/8/2025 - 9/9/2025	Month 1 O&M 9/29/2025 - 10/1/2025	Month 2 O&M 10/29/2025 - 10/30/2025
1	Blower Vacuum	in H2O	19.6	28.0	31.0
	Flow Rate	SCFM	702	702	702
	PID	ppm	0.873	0.912	0.000
	Induced Vacuum VMP-1	in H2O	2.386	2.133	0.325
	Induced Vacuum VMP-2	in H2O	1.336	1.358	0.028
	Induced Vacuum VMP-3[2]	in H2O	-1.126	-0.918	-0.042
2	Blower Vacuum	in H2O	92.0	94.0	91.7
	Flow Rate	SCFM	320	324	380
	PID	ppm	0.000	0.000	0.582
	Induced Vacuum VMP-6	in H2O	4.857	5.593	5.608
	Induced Vacuum VMP-7	in H2O	5.948	6.628	6.534
3	Blower Vacuum	in H2O	-	16.0	18.6
	Flow Rate	SCFM	-	217	277
	PID	ppm	-	0.000	0.521
	Induced Vacuum VMP-8	in H2O	0.139	1.031	1.118
	Induced Vacuum VMP-9	in H2O	0.020	0.741	0.664
	Induced Vacuum VMP-14[3]	in H2O	0.007	0.483	0.499
4	Blower Vacuum	in H2O	46.0	46.0	44.6
	Flow Rate	SCFM	114	114	114
	PID	ppm	0.424	0.197	0.206
5	Blower Vacuum	in H2O	30.0	30.0	30.1
	Flow Rate	SCFM	444	444	444
	PID	ppm	0.851	0.037	0.061
	Induced Vacuum VMP-4	in H2O	0.331	0.323	0.259
	Induced Vacuum VMP-5	in H2O	1.723	1.656	1.512
	Induced Vacuum VMP-10	in H2O	0.043	0.043	0.044
6	Blower Vacuum	in H2O	26.0	28.0	26.3
	Flow Rate	SCFM	744	743	744
	PID	ppm	3.017	0.058	0.137
	Induced Vacuum VMP-10	in H2O	0.043	0.043	0.044
	Induced Vacuum VMP-11	in H2O	2.841	2.544	2.041
7	Blower Vacuum	in H2O	13.4	16.7	18.8
	Flow Rate	SCFM	51	73	90
	PID	ppm	0.000	0.000	0.567
	Induced Vacuum VMP-13	in H2O	1.207	1.168	1.154
8	Blower Vacuum	in H2O	82.0	84.0	94.3
	Flow Rate	SCFM	543	533	520
	PID	ppm	0.000	0.000	0.230
	Induced Vacuum VMP-15	in H2O	4.734	4.862	4.185
	Induced Vacuum VMP-16	in H2O	7.736	8.697	8.274
9	Blower Vacuum	in H2O	46.0	44.0	45.0
	Flow Rate	SCFM	289	289	76
	PID	ppm	0.518	0.127	0.077
	Induced Vacuum VMP-17	in H2O	8.585	8.655	8.227
10	Blower Vacuum	in H2O	64.0	46.0	70.3
	Flow Rate	SCFM	290	200	289
	PID	ppm	0.000	0.000	1.117
	Induced Vacuum VMP-12	in H2O	4.043	3.241	4.283
	Induced Vacuum VMP-14[3]	in H2O	0.007	0.483	0.499
11	Blower Vacuum	in H2O	46.0	76.0	74.5
	Flow Rate	SCFM	50	90	86
	PID	ppm	0.320	0.176	0.092
	Induced Vacuum VMP-18	in H2O	0.467	0.689	0.686
	Induced Vacuum VMP-19	in H2O	0.118	0.183	0.181
	Induced Vacuum VMP-20	in H2O	0.826	1.088	1.071

Notes

- Blower was not operational during readings

in H2O: inches of water column

O&M: Operations & Maintenance

ppm: parts per million

SCFM: standard cubic feet

[1]: Blower Vacuum and Induced Vacuum readings are displayed as vacuum or negative pressure. Therefore a positive number listed above indicates a negative pressure. VMP-3 is the only vapor pin monitoring point that exhibited a positive pressure.

[2]: The induced vacuum at VMP-3 has varied since startup and commissioning. As discussed with VTDEC during VIMS construction, VMP-3 is located in the basement of Plant 1 near the point where Morgan Brook Stream flows beneath the building. During construction, Suction Point 1-15 exhibited artesian conditions (i.e. groundwater flowed out of the hole in the concrete) explaining why positive pressure is observed at VMP-3.

[3]: Measurement taken prior to suction point balancing.

APPENDIX I AIR EMISSIONS DATA

ENERGIZER HOLDINGS, INC.
VAPOR MASS LOADING CALCULATION

The vapor mass loading calculation evaluates vapor emissions collected from the vapor intrusion mitigation system (VIMS) discharge stacks collected during operations and compares the results to air permitting requirements.

Table 1 displays the soil vapor concentration data collected from each of the VIMS Zones vapor discharge stack during operations on 11 September 2025.

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z1-EMISSIONS-20250911			Z2-EMISSIONS-20250911		
		LAB ID:	L2557846-01			L2557846-02		
		COLLECTION DATE:	9/11/2025			9/11/2025		
		SAMPLE MATRIX:	SOIL_VAPOR			SOIL_VAPOR		
ANALYTE	CAS	Units	Conc Q	RL	MDL	Conc Q	RL	MDL
Propylene	115-07-1	µg/m³	ND	0.861	-	ND	0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	8.46	0.989	-	2.64	0.989	-
Chloromethane	74-87-3	µg/m³	1.34	0.413	-	0.968	0.413	-
Freon-114	76-14-2	µg/m³	6.77	1.4	-	ND	1.4	-
Vinyl chloride	75-01-4	µg/m³	ND	0.511	-	ND	0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND	0.442	-	ND	0.442	-
Bromomethane	74-83-9	µg/m³	ND	0.777	-	ND	0.777	-
Chloroethane	75-00-3	µg/m³	ND	0.528	-	ND	0.528	-
Ethanol	64-17-5	µg/m³	64.6	9.42	-	61.6	9.42	-
Vinyl bromide	593-60-2	µg/m³	ND	0.874	-	ND	0.874	-
Acetone	67-64-1	µg/m³	15.9	2.38	-	19	2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	3.83	1.12	-	1.75	1.12	-
Isopropanol	67-63-0	µg/m³	6.71	2.46	-	94.6	2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND	0.793	-	ND	0.793	-
Methylene chloride	75-09-2	µg/m³	ND	1.74	-	ND	1.74	-
3-Chloropropene	107-05-1	µg/m³	ND	0.626	-	ND	0.626	-
Carbon disulfide	75-15-0	µg/m³	0.928	0.623	-	ND	0.623	-
Freon-113	76-13-1	µg/m³	ND	1.53	-	ND	1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND	0.793	-	ND	0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND	0.809	-	ND	0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND	0.721	-	ND	0.721	-
Vinyl acetate	108-05-4	µg/m³	ND	3.52	-	ND	3.52	-
2-Butanone	78-93-3	µg/m³	3.78	1.47	-	2.31	1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	ND	0.793	-	ND	0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND	1.8	-	2.6	1.8	-
Chloroform	67-66-3	µg/m³	1.44	0.977	-	1.05	0.977	-
Tetrahydrofuran	109-99-9	µg/m³	12.1	1.47	-	5.07	1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND	0.809	-	ND	0.809	-
n-Hexane	110-54-3	µg/m³	0.737	0.705	-	9.09	0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND	1.09	-	ND	1.09	-
Benzene	71-43-2	µg/m³	ND	0.639	-	ND	0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND	1.26	-	ND	1.26	-
Cyclohexane	110-82-7	µg/m³	ND	0.688	-	ND	0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND	0.924	-	ND	0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND	1.34	-	ND	1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND	0.721	-	ND	0.721	-
Trichloroethene	79-01-6	µg/m³	3.74	1.07	-	1.38	1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND	0.934	-	ND	0.934	-
Heptane	142-82-5	µg/m³	ND	0.82	-	ND	0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND	0.908	-	ND	0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND	2.05	-	ND	2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND	0.908	-	ND	0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND	1.09	-	ND	1.09	-
Toluene	108-88-3	µg/m³	1.64	0.754	-	2.55	0.754	-
2-Hexanone	591-78-6	µg/m³	ND	0.82	-	ND	0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND	1.7	-	ND	1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND	1.54	-	ND	1.54	-
Tetrachloroethene	127-18-4	µg/m³	81.4	1.36	-	4.12	1.36	-
Chlorobenzene	108-90-7	µg/m³	ND	0.921	-	ND	0.921	-
Ethylbenzene	100-41-4	µg/m³	1.04	0.869	-	2.03	0.869	-
p/m-Xylene	179601-23-1	µg/m³	3.74	1.74	-	7.3	1.74	-
Bromoform	75-25-2	µg/m³	ND	2.07	-	ND	2.07	-
Styrene	100-42-5	µg/m³	ND	0.852	-	ND	0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND	1.37	-	ND	1.37	-
o-Xylene	95-47-6	µg/m³	1.24	0.869	-	1.97	0.869	-
4-Ethyltoluene	622-96-8	µg/m³	ND	0.983	-	1.45	0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	ND	0.983	-	1.59	0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	ND	0.983	-	5.41	0.983	-
Benzyl chloride	100-44-7	µg/m³	ND	1.04	-	ND	1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND	1.2	-	ND	1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND	1.2	-	ND	1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	ND	0.983	-	ND	0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND	1.2	-	ND	1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND	1.48	-	ND	1.48	-
Naphthalene	91-20-3	µg/m³	ND	0.996	-	ND	0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND	2.13	-	ND	2.13	-

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z3-EMISSIONS-20250911				Z4-EMISSIONS-20250911			
		LAB ID:	L2557846-03				L2557846-04			
		COLLECTION DATE:	9/11/2025				9/11/2025			
		SAMPLE MATRIX:	SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	Units	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Propylene	115-07-1	µg/m³	ND		1.72	-	ND		0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	2.64		1.98	-	2.62		0.989	-
Chloromethane	74-87-3	µg/m³	0.909		0.826	-	0.849		0.413	-
Freon-114	76-14-2	µg/m³	ND		2.8	-	ND		1.4	-
Vinyl chloride	75-01-4	µg/m³	ND		1.02	-	ND		0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND		0.885	-	ND		0.442	-
Bromomethane	74-83-9	µg/m³	ND		1.55	-	ND		0.777	-
Chloroethane	75-00-3	µg/m³	ND		1.06	-	ND		0.528	-
Ethanol	64-17-5	µg/m³	134		18.8	-	54.5		9.42	-
Vinyl bromide	593-60-2	µg/m³	ND		1.75	-	ND		0.874	-
Acetone	67-64-1	µg/m³	40.6		4.75	-	28.3		2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	ND		2.25	-	1.8		1.12	-
Isopropanol	67-63-0	µg/m³	16.9		4.92	-	5.63		2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND		1.59	-	ND		0.793	-
Methylene chloride	75-09-2	µg/m³	ND		3.47	-	ND		1.74	-
3-Chloropropene	107-05-1	µg/m³	ND		1.25	-	ND		0.626	-
Carbon disulfide	75-15-0	µg/m³	ND		1.25	-	1.52		0.623	-
Freon-113	76-13-1	µg/m³	ND		3.07	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND		1.59	-	ND		0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND		1.62	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND		1.44	-	ND		0.721	-
Vinyl acetate	108-05-4	µg/m³	ND		7.04	-	ND		3.52	-
2-Butanone	78-93-3	µg/m³	7.64		2.95	-	3.63		1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	ND		1.59	-	ND		0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND		3.6	-	1.83		1.8	-
Chloroform	67-66-3	µg/m³	ND		1.95	-	2.56		0.977	-
Tetrahydrofuran	109-99-9	µg/m³	76.4		2.95	-	9.38		1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND		1.62	-	ND		0.809	-
n-Hexane	110-54-3	µg/m³	2.75		1.41	-	ND		0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND		2.18	-	ND		1.09	-
Benzene	71-43-2	µg/m³	ND		1.28	-	0.824		0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND		2.52	-	ND		1.26	-
Cyclohexane	110-82-7	µg/m³	ND		1.38	-	ND		0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND		1.85	-	ND		0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND		2.68	-	ND		1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND		1.44	-	ND		0.721	-
Trichloroethene	79-01-6	µg/m³	586		2.15	-	34.2		1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND		1.87	-	ND		0.934	-
Heptane	142-82-5	µg/m³	ND		1.64	-	ND		0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND		1.82	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND		4.1	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND		1.82	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND		2.18	-	ND		1.09	-
Toluene	108-88-3	µg/m³	1.94		1.51	-	2.98		0.754	-
2-Hexanone	591-78-6	µg/m³	ND		1.64	-	ND		0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND		3.41	-	ND		1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND		3.07	-	ND		1.54	-
Tetrachloroethene	127-18-4	µg/m³	285		2.71	-	122		1.36	-
Chlorobenzene	108-90-7	µg/m³	ND		1.84	-	ND		0.921	-
Ethylbenzene	100-41-4	µg/m³	4.34		1.74	-	ND		0.869	-
p/m-Xylene	179601-23-1	µg/m³	15.5		3.47	-	2.13		1.74	-
Bromoform	75-25-2	µg/m³	ND		4.14	-	ND		2.07	-
Styrene	100-42-5	µg/m³	ND		1.7	-	ND		0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND		2.75	-	ND		1.37	-
o-Xylene	95-47-6	µg/m³	4.31		1.74	-	0.873		0.869	-
4-Ethyltoluene	622-96-8	µg/m³	ND		1.97	-	1.07		0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	ND		1.97	-	1.43		0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	2.45		1.97	-	6		0.983	-
Benzyl chloride	100-44-7	µg/m³	ND		2.07	-	ND		1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND		2.4	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND		2.4	-	ND		1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	ND		1.97	-	1.14		0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND		2.4	-	ND		1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND		2.97	-	ND		1.48	-
Naphthalene	91-20-3	µg/m³	ND		1.99	-	ND		0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND		4.27	-	ND		2.13	-

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z5-EMISSIONS-20250911				Z6-EMISSIONS-20250911			
		LAB ID:	L2557846-05				L2557846-06			
		COLLECTION DATE:	9/11/2025				9/11/2025			
		SAMPLE MATRIX:	SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	Units	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Propylene	115-07-1	µg/m³	ND		0.861	-	ND		0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	2.71		0.989	-	2.66		0.989	-
Chloromethane	74-87-3	µg/m³	1.28		0.413	-	1.59		0.413	-
Freon-114	76-14-2	µg/m³	ND		1.4	-	ND		1.4	-
Vinyl chloride	75-01-4	µg/m³	ND		0.511	-	ND		0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND		0.442	-	ND		0.442	-
Bromomethane	74-83-9	µg/m³	ND		0.777	-	2.86		0.777	-
Chloroethane	75-00-3	µg/m³	ND		0.528	-	ND		0.528	-
Ethanol	64-17-5	µg/m³	62.6		9.42	-	48.2		9.42	-
Vinyl bromide	593-60-2	µg/m³	ND		0.874	-	ND		0.874	-
Acetone	67-64-1	µg/m³	18.3		2.38	-	20.5		2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	1.52		1.12	-	1.66		1.12	-
Isopropanol	67-63-0	µg/m³	9.54		2.46	-	6.27		2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND		0.793	-	ND		0.793	-
Methylene chloride	75-09-2	µg/m³	ND		1.74	-	ND		1.74	-
3-Chloropropene	107-05-1	µg/m³	ND		0.626	-	ND		0.626	-
Carbon disulfide	75-15-0	µg/m³	ND		0.623	-	ND		0.623	-
Freon-113	76-13-1	µg/m³	ND		1.53	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND		0.793	-	ND		0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND		0.809	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND		0.721	-	ND		0.721	-
Vinyl acetate	108-05-4	µg/m³	ND		3.52	-	ND		3.52	-
2-Butanone	78-93-3	µg/m³	7.28		1.47	-	7.14		1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	3.26		0.793	-	ND		0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND		1.8	-	ND		1.8	-
Chloroform	67-66-3	µg/m³	2.35		0.977	-	3.61		0.977	-
Tetrahydrofuran	109-99-9	µg/m³	7.99		1.47	-	4.78		1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND		0.809	-	ND		0.809	-
n-Hexane	110-54-3	µg/m³	1.39		0.705	-	1		0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND		1.09	-	ND		1.09	-
Benzene	71-43-2	µg/m³	ND		0.639	-	0.802		0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND		1.26	-	ND		1.26	-
Cyclohexane	110-82-7	µg/m³	ND		0.688	-	ND		0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND		0.924	-	ND		0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND		1.34	-	ND		1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND		0.721	-	ND		0.721	-
Trichloroethene	79-01-6	µg/m³	335		1.07	-	189		1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND		0.934	-	ND		0.934	-
Heptane	142-82-5	µg/m³	ND		0.82	-	ND		0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND		0.908	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND		2.05	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND		0.908	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND		1.09	-	ND		1.09	-
Toluene	108-88-3	µg/m³	2.26		0.754	-	3.96		0.754	-
2-Hexanone	591-78-6	µg/m³	ND		0.82	-	ND		0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND		1.7	-	ND		1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND		1.54	-	ND		1.54	-
Tetrachloroethene	127-18-4	µg/m³	323		1.36	-	69.2		1.36	-
Chlorobenzene	108-90-7	µg/m³	ND		0.921	-	ND		0.921	-
Ethylbenzene	100-41-4	µg/m³	1.49		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	µg/m³	4.86		1.74	-	2.43		1.74	-
Bromoform	75-25-2	µg/m³	ND		2.07	-	ND		2.07	-
Styrene	100-42-5	µg/m³	ND		0.852	-	ND		0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND		1.37	-	ND		1.37	-
o-Xylene	95-47-6	µg/m³	1.65		0.869	-	ND		0.869	-
4-Ethyltoluene	622-96-8	µg/m³	ND		0.983	-	ND		0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	ND		0.983	-	ND		0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	ND		0.983	-	ND		0.983	-
Benzyl chloride	100-44-7	µg/m³	ND		1.04	-	ND		1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND		1.2	-	ND		1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	ND		0.983	-	ND		0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND		1.2	-	ND		1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND		1.48	-	ND		1.48	-
Naphthalene	91-20-3	µg/m³	ND		0.996	-	ND		0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND		2.13	-	ND		2.13	-

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z7-EMISSIONS-20250911				Z8-EMISSIONS-20250911			
		LAB ID:	L2557846-07				L2557846-08			
		COLLECTION DATE:	9/11/2025				9/11/2025			
		SAMPLE MATRIX:	SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	Units	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Propylene	115-07-1	µg/m³	ND		0.861	-	ND		0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	2.54		0.989	-	2.84		0.989	-
Chloromethane	74-87-3	µg/m³	1.01		0.413	-	1.05		0.413	-
Freon-114	76-14-2	µg/m³	ND		1.4	-	ND		1.4	-
Vinyl chloride	75-01-4	µg/m³	ND		0.511	-	ND		0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND		0.442	-	ND		0.442	-
Bromomethane	74-83-9	µg/m³	ND		0.777	-	ND		0.777	-
Chloroethane	75-00-3	µg/m³	ND		0.528	-	ND		0.528	-
Ethanol	64-17-5	µg/m³	69.9		9.42	-	86.1		9.42	-
Vinyl bromide	593-60-2	µg/m³	ND		0.874	-	ND		0.874	-
Acetone	67-64-1	µg/m³	36.6		2.38	-	36.8		2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	1.65		1.12	-	2.23		1.12	-
Isopropanol	67-63-0	µg/m³	8.82		2.46	-	27.5		2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND		0.793	-	ND		0.793	-
Methylene chloride	75-09-2	µg/m³	ND		1.74	-	ND		1.74	-
3-Chloropropene	107-05-1	µg/m³	ND		0.626	-	ND		0.626	-
Carbon disulfide	75-15-0	µg/m³	3.77		0.623	-	20		0.623	-
Freon-113	76-13-1	µg/m³	ND		1.53	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND		0.793	-	ND		0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND		0.809	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND		0.721	-	ND		0.721	-
Vinyl acetate	108-05-4	µg/m³	ND		3.52	-	ND		3.52	-
2-Butanone	78-93-3	µg/m³	7.28		1.47	-	4.6		1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	ND		0.793	-	ND		0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND		1.8	-	1.81		1.8	-
Chloroform	67-66-3	µg/m³	ND		0.977	-	1.44		0.977	-
Tetrahydrofuran	109-99-9	µg/m³	17.8		1.47	-	8.2		1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND		0.809	-	ND		0.809	-
n-Hexane	110-54-3	µg/m³	1.13		0.705	-	0.849		0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND		1.09	-	ND		1.09	-
Benzene	71-43-2	µg/m³	0.821		0.639	-	0.655		0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND		1.26	-	ND		1.26	-
Cyclohexane	110-82-7	µg/m³	ND		0.688	-	ND		0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND		0.924	-	ND		0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND		1.34	-	ND		1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND		0.721	-	ND		0.721	-
Trichloroethene	79-01-6	µg/m³	1.85		1.07	-	6.02		1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND		0.934	-	ND		0.934	-
Heptane	142-82-5	µg/m³	0.824		0.82	-	0.93		0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND		0.908	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND		2.05	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND		0.908	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND		1.09	-	ND		1.09	-
Toluene	108-88-3	µg/m³	2.94		0.754	-	2.07		0.754	-
2-Hexanone	591-78-6	µg/m³	ND		0.82	-	0.922		0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND		1.7	-	ND		1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND		1.54	-	ND		1.54	-
Tetrachloroethene	127-18-4	µg/m³	16.4		1.36	-	4.02		1.36	-
Chlorobenzene	108-90-7	µg/m³	ND		0.921	-	ND		0.921	-
Ethylbenzene	100-41-4	µg/m³	3.18		0.869	-	ND		0.869	-
p/m-Xylene	179601-23-1	µg/m³	11.1		1.74	-	2.46		1.74	-
Bromoform	75-25-2	µg/m³	ND		2.07	-	ND		2.07	-
Styrene	100-42-5	µg/m³	ND		0.852	-	ND		0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND		1.37	-	ND		1.37	-
o-Xylene	95-47-6	µg/m³	3.51		0.869	-	0.951		0.869	-
4-Ethyltoluene	622-96-8	µg/m³	1.56		0.983	-	1.17		0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	2.11		0.983	-	1.57		0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	8.6		0.983	-	6.74		0.983	-
Benzyl chloride	100-44-7	µg/m³	ND		1.04	-	ND		1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND		1.2	-	ND		1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	1.69		0.983	-	1.24		0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND		1.2	-	ND		1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND		1.48	-	ND		1.48	-
Naphthalene	91-20-3	µg/m³	ND		0.996	-	2.03		0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND		2.13	-	ND		2.13	-

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z9-EMISSIONS-20250911				Z10-EMISSIONS-20250911			
		LAB ID:	L2557846-09				L2557846-10			
		COLLECTION DATE:	9/11/2025				9/11/2025			
		SAMPLE MATRIX:	SOIL_VAPOR				SOIL_VAPOR			
ANALYTE	CAS	Units	Conc	Q	RL	MDL	Conc	Q	RL	MDL
Propylene	115-07-1	µg/m³	ND		0.861	-	ND		0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	2.61		0.989	-	3.06		0.989	-
Chloromethane	74-87-3	µg/m³	0.807		0.413	-	1.23		0.413	-
Freon-114	76-14-2	µg/m³	ND		1.4	-	ND		1.4	-
Vinyl chloride	75-01-4	µg/m³	ND		0.511	-	ND		0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND		0.442	-	ND		0.442	-
Bromomethane	74-83-9	µg/m³	ND		0.777	-	ND		0.777	-
Chloroethane	75-00-3	µg/m³	ND		0.528	-	ND		0.528	-
Ethanol	64-17-5	µg/m³	129		9.42	-	76.3		9.42	-
Vinyl bromide	593-60-2	µg/m³	ND		0.874	-	ND		0.874	-
Acetone	67-64-1	µg/m³	15.7		2.38	-	18.7		2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	2.01		1.12	-	1.53		1.12	-
Isopropanol	67-63-0	µg/m³	9.14		2.46	-	104		2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND		0.793	-	ND		0.793	-
Methylene chloride	75-09-2	µg/m³	ND		1.74	-	ND		1.74	-
3-Chloropropene	107-05-1	µg/m³	ND		0.626	-	ND		0.626	-
Carbon disulfide	75-15-0	µg/m³	ND		0.623	-	ND		0.623	-
Freon-113	76-13-1	µg/m³	ND		1.53	-	ND		1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND		0.793	-	ND		0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND		0.809	-	ND		0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND		0.721	-	ND		0.721	-
Vinyl acetate	108-05-4	µg/m³	ND		3.52	-	ND		3.52	-
2-Butanone	78-93-3	µg/m³	3.01		1.47	-	2.71		1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	ND		0.793	-	ND		0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND		1.8	-	2.31		1.8	-
Chloroform	67-66-3	µg/m³	2.38		0.977	-	2.64		0.977	-
Tetrahydrofuran	109-99-9	µg/m³	2.55		1.47	-	4.54		1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND		0.809	-	ND		0.809	-
n-Hexane	110-54-3	µg/m³	0.997		0.705	-	10.1		0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND		1.09	-	ND		1.09	-
Benzene	71-43-2	µg/m³	ND		0.639	-	ND		0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND		1.26	-	ND		1.26	-
Cyclohexane	110-82-7	µg/m³	ND		0.688	-	ND		0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND		0.924	-	ND		0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND		1.34	-	ND		1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND		0.721	-	ND		0.721	-
Trichloroethene	79-01-6	µg/m³	4.63		1.07	-	6.99		1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND		0.934	-	ND		0.934	-
Heptane	142-82-5	µg/m³	ND		0.82	-	ND		0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND		0.908	-	ND		0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND		2.05	-	ND		2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND		0.908	-	ND		0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND		1.09	-	ND		1.09	-
Toluene	108-88-3	µg/m³	1.61		0.754	-	2.33		0.754	-
2-Hexanone	591-78-6	µg/m³	ND		0.82	-	ND		0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND		1.7	-	ND		1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND		1.54	-	ND		1.54	-
Tetrachloroethene	127-18-4	µg/m³	8.68		1.36	-	6.05		1.36	-
Chlorobenzene	108-90-7	µg/m³	ND		0.921	-	ND		0.921	-
Ethylbenzene	100-41-4	µg/m³	ND		0.869	-	1.06		0.869	-
p/m-Xylene	179601-23-1	µg/m³	ND		1.74	-	3.78		1.74	-
Bromoform	75-25-2	µg/m³	ND		2.07	-	ND		2.07	-
Styrene	100-42-5	µg/m³	ND		0.852	-	ND		0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND		1.37	-	ND		1.37	-
o-Xylene	95-47-6	µg/m³	ND		0.869	-	1.21		0.869	-
4-Ethyltoluene	622-96-8	µg/m³	ND		0.983	-	1.47		0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	ND		0.983	-	1.51		0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	ND		0.983	-	5.51		0.983	-
Benzyl chloride	100-44-7	µg/m³	ND		1.04	-	ND		1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND		1.2	-	ND		1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND		1.2	-	ND		1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	ND		0.983	-	ND		0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND		1.2	-	ND		1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND		1.48	-	ND		1.48	-
Naphthalene	91-20-3	µg/m³	ND		0.996	-	ND		0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND		2.13	-	ND		2.13	-

Table 1. Soil Vapor Concentrations

		SAMPLE ID:	Z11-EMISSIONS-20250911		
		LAB ID:	L2557846-11		
		COLLECTION DATE:	9/11/2025		
		SAMPLE MATRIX:	SOIL_VAPOR		
ANALYTE	CAS	Units	Conc Q	RL	MDL
Propylene	115-07-1	µg/m³	ND	0.861	-
Dichlorodifluoromethane	75-71-8	µg/m³	2.67	0.989	-
Chloromethane	74-87-3	µg/m³	0.698	0.413	-
Freon-114	76-14-2	µg/m³	ND	1.4	-
Vinyl chloride	75-01-4	µg/m³	ND	0.511	-
1,3-Butadiene	106-99-0	µg/m³	ND	0.442	-
Bromomethane	74-83-9	µg/m³	ND	0.777	-
Chloroethane	75-00-3	µg/m³	ND	0.528	-
Ethanol	64-17-5	µg/m³	82.5	9.42	-
Vinyl bromide	593-60-2	µg/m³	ND	0.874	-
Acetone	67-64-1	µg/m³	18.3	2.38	-
Trichlorofluoromethane	75-69-4	µg/m³	2.07	1.12	-
Isopropanol	67-63-0	µg/m³	11.9	2.46	-
1,1-Dichloroethene	75-35-4	µg/m³	ND	0.793	-
Methylene chloride	75-09-2	µg/m³	ND	1.74	-
3-Chloropropene	107-05-1	µg/m³	ND	0.626	-
Carbon disulfide	75-15-0	µg/m³	1.48	0.623	-
Freon-113	76-13-1	µg/m³	ND	1.53	-
trans-1,2-Dichloroethene	156-60-5	µg/m³	ND	0.793	-
1,1-Dichloroethane	75-34-3	µg/m³	ND	0.809	-
Methyl tert butyl ether	1634-04-4	µg/m³	ND	0.721	-
Vinyl acetate	108-05-4	µg/m³	ND	3.52	-
2-Butanone	78-93-3	µg/m³	9.56	1.47	-
cis-1,2-Dichloroethene	156-59-2	µg/m³	ND	0.793	-
Ethyl Acetate	141-78-6	µg/m³	ND	1.8	-
Chloroform	67-66-3	µg/m³	2.13	0.977	-
Tetrahydrofuran	109-99-9	µg/m³	9.88	1.47	-
1,2-Dichloroethane	107-06-2	µg/m³	ND	0.809	-
n-Hexane	110-54-3	µg/m³	2.21	0.705	-
1,1,1-Trichloroethane	71-55-6	µg/m³	ND	1.09	-
Benzene	71-43-2	µg/m³	ND	0.639	-
Carbon tetrachloride	56-23-5	µg/m³	ND	1.26	-
Cyclohexane	110-82-7	µg/m³	ND	0.688	-
1,2-Dichloropropane	78-87-5	µg/m³	ND	0.924	-
Bromodichloromethane	75-27-4	µg/m³	ND	1.34	-
1,4-Dioxane	123-91-1	µg/m³	ND	0.721	-
Trichloroethene	79-01-6	µg/m³	20.7	1.07	-
2,2,4-Trimethylpentane	540-84-1	µg/m³	ND	0.934	-
Heptane	142-82-5	µg/m³	2.3	0.82	-
cis-1,3-Dichloropropene	10061-01-5	µg/m³	ND	0.908	-
4-Methyl-2-pentanone	108-10-1	µg/m³	ND	2.05	-
trans-1,3-Dichloropropene	10061-02-6	µg/m³	ND	0.908	-
1,1,2-Trichloroethane	79-00-5	µg/m³	ND	1.09	-
Toluene	108-88-3	µg/m³	4.6	0.754	-
2-Hexanone	591-78-6	µg/m³	ND	0.82	-
Dibromochloromethane	124-48-1	µg/m³	ND	1.7	-
1,2-Dibromoethane	106-93-4	µg/m³	ND	1.54	-
Tetrachloroethene	127-18-4	µg/m³	34.7	1.36	-
Chlorobenzene	108-90-7	µg/m³	ND	0.921	-
Ethylbenzene	100-41-4	µg/m³	0.895	0.869	-
p/m-Xylene	179601-23-1	µg/m³	3.69	1.74	-
Bromoform	75-25-2	µg/m³	ND	2.07	-
Styrene	100-42-5	µg/m³	ND	0.852	-
1,1,2,2-Tetrachloroethane	79-34-5	µg/m³	ND	1.37	-
o-Xylene	95-47-6	µg/m³	1.44	0.869	-
4-Ethyltoluene	622-96-8	µg/m³	ND	0.983	-
1,3,5-Trimethylbenzene	108-67-8	µg/m³	1.32	0.983	-
1,2,4-Trimethylbenzene	95-63-6	µg/m³	5.36	0.983	-
Benzyl chloride	100-44-7	µg/m³	ND	1.04	-
1,3-Dichlorobenzene	541-73-1	µg/m³	ND	1.2	-
1,4-Dichlorobenzene	106-46-7	µg/m³	ND	1.2	-
1,2,3-Trimethylbenzene	526-73-8	µg/m³	0.998	0.983	-
1,2-Dichlorobenzene	95-50-1	µg/m³	ND	1.2	-
1,2,4-Trichlorobenzene	120-82-1	µg/m³	ND	1.48	-
Naphthalene	91-20-3	µg/m³	ND	0.996	-
Hexachlorobutadiene	87-68-3	µg/m³	ND	2.13	-

Notes
Conc: concentration
MDL: method detection limit
ND: non-detect
Q: qualifier
RL: reporting limit
µg/m³ microgram per cubic meter

Table 2 calculates the estimated mass loading for each of the VIMS Zones by multiplying the soil vapor concentrations by the maximum blower flow rate from the cutsheet.

Table 2. Mass Loading

		SAMPLE ID:	Z1-EMISSIONS-20250911	Z2-EMISSIONS-20250911	Z3-EMISSIONS-20250911	Z4-EMISSIONS-20250911
		LAB ID:	L2557846-01	L2557846-02	L2557846-03	L2557846-04
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025	9/11/2025
FLOW		SCFM	771	736	365	194
FLOW		m^3/min	21.83	20.84	10.34	5.49
ANALYTE	CAS	Units	Concentration	Concentration	Concentration	Concentration
Propylene	115-07-1	$\mu g/m^3$	0	0	0	0
Dichlorodifluoromethane	75-71-8	$\mu g/m^3$	8.46	2.64	2.64	2.62
Chloromethane	74-87-3	$\mu g/m^3$	1.34	0.968	0.909	0.849
Freon-114	76-14-2	$\mu g/m^3$	6.77	0	0	0
Vinyl chloride	75-01-4	$\mu g/m^3$	0	0	0	0
1,3-Butadiene	106-99-0	$\mu g/m^3$	0	0	0	0
Bromomethane	74-83-9	$\mu g/m^3$	0	0	0	0
Chloroethane	75-00-3	$\mu g/m^3$	0	0	0	0
Ethanol	64-17-5	$\mu g/m^3$	64.6	61.6	134	54.5
Vinyl bromide	593-60-2	$\mu g/m^3$	0	0	0	0
Acetone	67-64-1	$\mu g/m^3$	15.9	19	40.6	28.3
Trichlorofluoromethane	75-69-4	$\mu g/m^3$	3.83	1.75	0	1.8
Isopropanol	67-63-0	$\mu g/m^3$	6.71	94.6	16.9	5.63
1,1-Dichloroethene	75-35-4	$\mu g/m^3$	0	0	0	0
Methylene chloride	75-09-2	$\mu g/m^3$	0	0	0	0
3-Chloropropene	107-05-1	$\mu g/m^3$	0	0	0	0
Carbon disulfide	75-15-0	$\mu g/m^3$	0.928	0	0	1.52
Freon-113	76-13-1	$\mu g/m^3$	0	0	0	0
trans-1,2-Dichloroethene	156-60-5	$\mu g/m^3$	0	0	0	0
1,1-Dichloroethane	75-34-3	$\mu g/m^3$	0	0	0	0
Methyl tert butyl ether	1634-04-4	$\mu g/m^3$	0	0	0	0
Vinyl acetate	108-05-4	$\mu g/m^3$	0	0	0	0
2-Butanone	78-93-3	$\mu g/m^3$	3.78	2.31	7.64	3.63
cis-1,2-Dichloroethene	156-59-2	$\mu g/m^3$	0	0	0	0
Ethyl Acetate	141-78-6	$\mu g/m^3$	0	2.6	0	1.83
Chloroform	67-66-3	$\mu g/m^3$	1.44	1.05	0	2.56
Tetrahydrofuran	109-99-9	$\mu g/m^3$	12.1	5.07	76.4	9.38
1,2-Dichloroethane	107-06-2	$\mu g/m^3$	0	0	0	0
n-Hexane	110-54-3	$\mu g/m^3$	0.737	9.09	2.75	0
1,1,1-Trichloroethane	71-55-6	$\mu g/m^3$	0	0	0	0
Benzene	71-43-2	$\mu g/m^3$	0	0	0	0.824
Carbon tetrachloride	56-23-5	$\mu g/m^3$	0	0	0	0
Cyclohexane	110-82-7	$\mu g/m^3$	0	0	0	0
1,2-Dichloropropane	78-87-5	$\mu g/m^3$	0	0	0	0
Bromodichloromethane	75-27-4	$\mu g/m^3$	0	0	0	0
1,4-Dioxane	123-91-1	$\mu g/m^3$	0	0	0	0
Trichloroethene	79-01-6	$\mu g/m^3$	3.74	1.38	586	34.2
2,2,4-Trimethylpentane	540-84-1	$\mu g/m^3$	0	0	0	0
Heptane	142-82-5	$\mu g/m^3$	0	0	0	0
cis-1,3-Dichloropropene	10061-01-5	$\mu g/m^3$	0	0	0	0
4-Methyl-2-pentanone	108-10-1	$\mu g/m^3$	0	0	0	0
trans-1,3-Dichloropropene	10061-02-6	$\mu g/m^3$	0	0	0	0
1,1,2-Trichloroethane	79-00-5	$\mu g/m^3$	0	0	0	0
Toluene	108-88-3	$\mu g/m^3$	1.64	2.55	1.94	2.98
2-Hexanone	591-78-6	$\mu g/m^3$	0	0	0	0
Dibromochloromethane	124-48-1	$\mu g/m^3$	0	0	0	0
1,2-Dibromoethane	106-93-4	$\mu g/m^3$	0	0	0	0
Tetrachloroethene	127-18-4	$\mu g/m^3$	81.4	4.12	285	122
Chlorobenzene	108-90-7	$\mu g/m^3$	0	0	0	0
Ethylbenzene	100-41-4	$\mu g/m^3$	1.04	2.03	4.34	0
p/m-Xylene	179601-23-1	$\mu g/m^3$	3.74	7.3	15.5	2.13
Bromoform	75-25-2	$\mu g/m^3$	0	0	0	0
Styrene	100-42-5	$\mu g/m^3$	0	0	0	0
1,1,2,2-Tetrachloroethane	79-34-5	$\mu g/m^3$	0	0	0	0
o-Xylene	95-47-6	$\mu g/m^3$	1.24	1.97	4.31	0.873
4-Ethyltoluene	622-96-8	$\mu g/m^3$	0	1.45	0	1.07
1,3,5-Trimethylbenzene	108-67-8	$\mu g/m^3$	0	1.59	0	1.43
1,2,4-Trimethylbenzene	95-63-6	$\mu g/m^3$	0	5.41	2.45	6
Benzyl chloride	100-44-7	$\mu g/m^3$	0	0	0	0
1,3-Dichlorobenzene	541-73-1	$\mu g/m^3$	0	0	0	0
1,4-Dichlorobenzene	106-46-7	$\mu g/m^3$	0	0	0	0
1,2,3-Trimethylbenzene	526-73-8	$\mu g/m^3$	0	0	0	1.14
1,2-Dichlorobenzene	95-50-1	$\mu g/m^3$	0	0	0	0
1,2,4-Trichlorobenzene	120-82-1	$\mu g/m^3$	0	0	0	0
Naphthalene	91-20-3	$\mu g/m^3$	0	0	0	0
Hexachlorobutadiene	87-68-3	$\mu g/m^3$	0	0	0	0
Total Toxicant		mg/min[1]	4.79	4.76	12.21	1.57
		lb/day	0.02	0.02	0.04	0.00
		tons/yr	0.003	0.003	0.007	0.001

Table 2. Mass Loading

		SAMPLE ID:	Z5-EMISSIONS-20250911	Z6-EMISSIONS-20250911	Z7-EMISSIONS-20250911	Z8-EMISSIONS-20250911
		LAB ID:	L2557846-05	L2557846-06	L2557846-07	L2557846-08
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025	9/11/2025
FLOW		SCFM	494	736	103	771
FLOW		m^3/min	13.99	20.84	2.92	21.83
ANALYTE	CAS	Units	Concentration	Concentration	Concentration	Concentration
Propylene	115-07-1	µg/m^3	0	0	0	0
Dichlorodifluoromethane	75-71-8	µg/m^3	2.71	2.66	2.54	2.84
Chloromethane	74-87-3	µg/m^3	1.28	1.59	1.01	1.05
Freon-114	76-14-2	µg/m^3	0	0	0	0
Vinyl chloride	75-01-4	µg/m^3	0	0	0	0
1,3-Butadiene	106-99-0	µg/m^3	0	0	0	0
Bromomethane	74-83-9	µg/m^3	0	2.86	0	0
Chloroethane	75-00-3	µg/m^3	0	0	0	0
Ethanol	64-17-5	µg/m^3	62.6	48.2	69.9	86.1
Vinyl bromide	593-60-2	µg/m^3	0	0	0	0
Acetone	67-64-1	µg/m^3	18.3	20.5	36.6	36.8
Trichlorofluoromethane	75-69-4	µg/m^3	1.52	1.66	1.65	2.23
Isopropanol	67-63-0	µg/m^3	9.54	6.27	8.82	27.5
1,1-Dichloroethene	75-35-4	µg/m^3	0	0	0	0
Methylene chloride	75-09-2	µg/m^3	0	0	0	0
3-Chloropropene	107-05-1	µg/m^3	0	0	0	0
Carbon disulfide	75-15-0	µg/m^3	0	0	3.77	20
Freon-113	76-13-1	µg/m^3	0	0	0	0
trans-1,2-Dichloroethene	156-60-5	µg/m^3	0	0	0	0
1,1-Dichloroethane	75-34-3	µg/m^3	0	0	0	0
Methyl tert butyl ether	1634-04-4	µg/m^3	0	0	0	0
Vinyl acetate	108-05-4	µg/m^3	0	0	0	0
2-Butanone	78-93-3	µg/m^3	7.28	7.14	7.28	4.6
cis-1,2-Dichloroethene	156-59-2	µg/m^3	3.26	0	0	0
Ethyl Acetate	141-78-6	µg/m^3	0	0	0	1.81
Chloroform	67-66-3	µg/m^3	2.35	3.61	0	1.44
Tetrahydrofuran	109-99-9	µg/m^3	7.99	4.78	17.8	8.2
1,2-Dichloroethane	107-06-2	µg/m^3	0	0	0	0
n-Hexane	110-54-3	µg/m^3	1.39	1	1.13	0.849
1,1,1-Trichloroethane	71-55-6	µg/m^3	0	0	0	0
Benzene	71-43-2	µg/m^3	0	0.802	0.821	0.655
Carbon tetrachloride	56-23-5	µg/m^3	0	0	0	0
Cyclohexane	110-82-7	µg/m^3	0	0	0	0
1,2-Dichloropropane	78-87-5	µg/m^3	0	0	0	0
Bromodichloromethane	75-27-4	µg/m^3	0	0	0	0
1,4-Dioxane	123-91-1	µg/m^3	0	0	0	0
Trichloroethene	79-01-6	µg/m^3	335	189	1.85	6.02
2,2,4-Trimethylpentane	540-84-1	µg/m^3	0	0	0	0
Heptane	142-82-5	µg/m^3	0	0	0.824	0.93
cis-1,3-Dichloropropene	10061-01-5	µg/m^3	0	0	0	0
4-Methyl-2-pentanone	108-10-1	µg/m^3	0	0	0	0
trans-1,3-Dichloropropene	10061-02-6	µg/m^3	0	0	0	0
1,1,2-Trichloroethane	79-00-5	µg/m^3	0	0	0	0
Toluene	108-88-3	µg/m^3	2.26	3.96	2.94	2.07
2-Hexanone	591-78-6	µg/m^3	0	0	0	0.922
Dibromochloromethane	124-48-1	µg/m^3	0	0	0	0
1,2-Dibromoethane	106-93-4	µg/m^3	0	0	0	0
Tetrachloroethene	127-18-4	µg/m^3	323	69.2	16.4	4.02
Chlorobenzene	108-90-7	µg/m^3	0	0	0	0
Ethylbenzene	100-41-4	µg/m^3	1.49	0	3.18	0
p/m-Xylene	179601-23-1	µg/m^3	4.86	2.43	11.1	2.46
Bromoform	75-25-2	µg/m^3	0	0	0	0
Styrene	100-42-5	µg/m^3	0	0	0	0
1,1,2,2-Tetrachloroethane	79-34-5	µg/m^3	0	0	0	0
o-Xylene	95-47-6	µg/m^3	1.65	0	3.51	0.951
4-Ethyltoluene	622-96-8	µg/m^3	0	0	1.56	1.17
1,3,5-Trimethylbenzene	108-67-8	µg/m^3	0	0	2.11	1.57
1,2,4-Trimethylbenzene	95-63-6	µg/m^3	0	0	8.6	6.74
Benzyl chloride	100-44-7	µg/m^3	0	0	0	0
1,3-Dichlorobenzene	541-73-1	µg/m^3	0	0	0	0
1,4-Dichlorobenzene	106-46-7	µg/m^3	0	0	0	0
1,2,3-Trimethylbenzene	526-73-8	µg/m^3	0	0	1.69	1.24
1,2-Dichlorobenzene	95-50-1	µg/m^3	0	0	0	0
1,2,4-Trichlorobenzene	120-82-1	µg/m^3	0	0	0	0
Naphthalene	91-20-3	µg/m^3	0	0	0	2.03
Hexachlorobutadiene	87-68-3	µg/m^3	0	0	0	0
Total Toxicant		mg/min[1]	11.00	7.62	0.60	4.89
		lb/day	0.03	0.02	0.00	0.02
		tons/yr	0.006	0.004	0.000	0.003

Table 2. Mass Loading

		SAMPLE ID:	Z9-EMISSIONS-20250911	Z10-EMISSIONS-20250911	Z11-EMISSIONS-20250911
		LAB ID:	L2557846-09	L2557846-10	L2557846-11
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025
FLOW		SCFM	365	365	971
FLOW		m^3/min	10.34	10.34	27.50
ANALYTE	CAS	Units	Concentration	Concentration	Concentration
Propylene	115-07-1	µg/m^3	0	0	0
Dichlorodifluoromethane	75-71-8	µg/m^3	2.61	3.06	2.67
Chloromethane	74-87-3	µg/m^3	0.807	1.23	0.698
Freon-114	76-14-2	µg/m^3	0	0	0
Vinyl chloride	75-01-4	µg/m^3	0	0	0
1,3-Butadiene	106-99-0	µg/m^3	0	0	0
Bromomethane	74-83-9	µg/m^3	0	0	0
Chloroethane	75-00-3	µg/m^3	0	0	0
Ethanol	64-17-5	µg/m^3	129	76.3	82.5
Vinyl bromide	593-60-2	µg/m^3	0	0	0
Acetone	67-64-1	µg/m^3	15.7	18.7	18.3
Trichlorofluoromethane	75-69-4	µg/m^3	2.01	1.53	2.07
Isopropanol	67-63-0	µg/m^3	9.14	104	11.9
1,1-Dichloroethene	75-35-4	µg/m^3	0	0	0
Methylene chloride	75-09-2	µg/m^3	0	0	0
3-Chloropropene	107-05-1	µg/m^3	0	0	0
Carbon disulfide	75-15-0	µg/m^3	0	0	1.48
Freon-113	76-13-1	µg/m^3	0	0	0
trans-1,2-Dichloroethene	156-60-5	µg/m^3	0	0	0
1,1-Dichloroethane	75-34-3	µg/m^3	0	0	0
Methyl tert butyl ether	1634-04-4	µg/m^3	0	0	0
Vinyl acetate	108-05-4	µg/m^3	0	0	0
2-Butanone	78-93-3	µg/m^3	3.01	2.71	9.56
cis-1,2-Dichloroethene	156-59-2	µg/m^3	0	0	0
Ethyl Acetate	141-78-6	µg/m^3	0	2.31	0
Chloroform	67-66-3	µg/m^3	2.38	2.64	2.13
Tetrahydrofuran	109-99-9	µg/m^3	2.55	4.54	9.88
1,2-Dichloroethane	107-06-2	µg/m^3	0	0	0
n-Hexane	110-54-3	µg/m^3	0.997	10.1	2.21
1,1,1-Trichloroethane	71-55-6	µg/m^3	0	0	0
Benzene	71-43-2	µg/m^3	0	0	0
Carbon tetrachloride	56-23-5	µg/m^3	0	0	0
Cyclohexane	110-82-7	µg/m^3	0	0	0
1,2-Dichloropropane	78-87-5	µg/m^3	0	0	0
Bromodichloromethane	75-27-4	µg/m^3	0	0	0
1,4-Dioxane	123-91-1	µg/m^3	0	0	0
Trichloroethene	79-01-6	µg/m^3	4.63	6.99	20.7
2,2,4-Trimethylpentane	540-84-1	µg/m^3	0	0	0
Heptane	142-82-5	µg/m^3	0	0	2.3
cis-1,3-Dichloropropene	10061-01-5	µg/m^3	0	0	0
4-Methyl-2-pentanone	108-10-1	µg/m^3	0	0	0
trans-1,3-Dichloropropene	10061-02-6	µg/m^3	0	0	0
1,1,2-Trichloroethane	79-00-5	µg/m^3	0	0	0
Toluene	108-88-3	µg/m^3	1.61	2.33	4.6
2-Hexanone	591-78-6	µg/m^3	0	0	0
Dibromochloromethane	124-48-1	µg/m^3	0	0	0
1,2-Dibromoethane	106-93-4	µg/m^3	0	0	0
Tetrachloroethene	127-18-4	µg/m^3	8.68	6.05	34.7
Chlorobenzene	108-90-7	µg/m^3	0	0	0
Ethylbenzene	100-41-4	µg/m^3	0	1.06	0.895
p/m-Xylene	179601-23-1	µg/m^3	0	3.78	3.69
Bromoform	75-25-2	µg/m^3	0	0	0
Styrene	100-42-5	µg/m^3	0	0	0
1,1,2,2-Tetrachloroethane	79-34-5	µg/m^3	0	0	0
o-Xylene	95-47-6	µg/m^3	0	1.21	1.44
4-Ethyltoluene	622-96-8	µg/m^3	0	1.47	0
1,3,5-Trimethylbenzene	108-67-8	µg/m^3	0	1.51	1.32
1,2,4-Trimethylbenzene	95-63-6	µg/m^3	0	5.51	5.36
Benzyl chloride	100-44-7	µg/m^3	0	0	0
1,3-Dichlorobenzene	541-73-1	µg/m^3	0	0	0
1,4-Dichlorobenzene	106-46-7	µg/m^3	0	0	0
1,2,3-Trimethylbenzene	526-73-8	µg/m^3	0	0	0.998
1,2-Dichlorobenzene	95-50-1	µg/m^3	0	0	0
1,2,4-Trichlorobenzene	120-82-1	µg/m^3	0	0	0
Naphthalene	91-20-3	µg/m^3	0	0	0
Hexachlorobutadiene	87-68-3	µg/m^3	0	0	0
Total Toxicant		mg/min[1]	1.89	2.66	6.03
		lb/day	0.01	0.01	0.02
		tons/yr	0.001	0.002	0.003

Notes:
[1] = Equation for µg/m^3 to mg/min = sum of analyte concentration (µg/m^3) x flowrate (m^3/min) / (1000 µg/1 mg)
m^3/min = cubic meter per minute
µg/m^3 = microgram of contaminant per cubic meter
mg/min = milligram per minute
lb/day = pound per day
SCFM = standard cubic feet per minute

Table 3. Total VIMS Mass Loading

The State of Vermont Agency of Natural Resources Air Pollution Control Regulations, Section 5-401 Classification of Air Contaminant Sources (b) states: Unless otherwise required by the Air Pollution Control Officer, any stationary source with actual emissions from the entire source of less than five (5) tons per year of all air contaminants combined and that is not engaged in the operations, processes, or activities identified above in Section 5-401(a)(1), (2), (5), (6), (13), (16), or (18) shall not be classified as an air contaminant source provided that the owner/operator maintains records that are adequate for the Air Pollution Control Officer to verify actual emissions for three (3) years and makes such records available to the Air Pollution Control Officer upon request.
Table 3 calculates the total VOC loading in lb/day and tons/yr.

Total Toxicant	lb/day	0.184
	tons/yr	0.034

Table 4. State of Vermont Agency of Natural Resources Air Pollution Action Level

Table 4 displays the Action Levels provided by the Air Quality and Climate Division from Appendix C of the State of Vermont Agency of Natural Resources Air Pollution Control Regulations.
The VTDEC Vapor Intrusion Guidance states "System exhaust can also be compared to the Hazardous Ambient Air Standards (HAAS), but it is not expected that the in-stack concentration meets the HAAS. In general, there will be 2 to 3 orders of dilution between the in-stack concentration and the ambient air that someone may breathe. The Action Level is more important for determining if treatment should be added to a mitigation system."
Therefore, the VIMS emission results were only compared to the Action Levels

ANALYTE	CAS	Action level (lbs/8 hr)
Propylene	115-07-1	NA
Dichlorodifluoromethane	75-71-8	16.6
Chloromethane	74-87-3	7.5
Freon-114	76-14-2	3,454
Vinyl chloride	75-01-4	0.0091
1,3-Butadiene	106-99-0	0.0027
Bromomethane	74-83-9	0.4
Chloroethane	75-00-3	NA
Ethanol	64-17-5	37.2
Vinyl bromide	593-60-2	NA
Acetone	67-64-1	26.1
Trichlorofluoromethane	75-69-4	46.6
Isopropanol	67-63-0	184
1,1-Dichloroethene	75-35-4	1.7
Methylene chloride	75-09-2	0.17
3-Chloropropene	107-05-1	0.008
Carbon disulfide	75-15-0	54.5
Freon-113	76-13-1	2,490
trans-1,2-Dichloroethene	156-60-5	1.6
1,1-Dichloroethane	75-34-3	4.2
Methyl tert butyl ether	1634-04-4	NA
Vinyl acetate	108-05-4	1.7
2-Butanone	78-93-3	415
cis-1,2-Dichloroethene	156-59-2	NA
Ethyl Acetate	141-78-6	95
Chloroform	67-66-3	0.0036
Tetrahydrofuran	109-99-9	2.9
1,2-Dichloroethane	107-06-2	0.0032
n-Hexane	110-54-3	581
1,1,1-Trichloroethane	71-55-6	83.0
Benzene	71-43-2	0.011
Carbon tetrachloride	56-23-5	0.0055
Cyclohexane	110-82-7	6.8
1,2-Dichloropropane	78-87-5	0.0042
Bromodichloromethane	75-27-4	0.0046
1,4-Dioxane	123-91-1	0.027
Trichloroethene	79-01-6	0.04
2,2,4-Trimethylpentane	540-84-1	NA
Heptane	142-82-5	364
cis-1,3-Dichloropropene	10061-01-5	NA
4-Methyl-2-pentanone	108-10-1	249
trans-1,3-Dichloropropene	10061-02-6	NA
1,1,2-Trichloroethane	79-00-5	0.0052
Toluene	108-88-3	24.9
2-Hexanone	591-78-6	NA
Dibromochloromethane	124-48-1	0.0035
1,2-Dibromoethane	106-93-4	0.00037
Tetrachloroethene	127-18-4	0.015
Chlorobenzene	108-90-7	0.2
Ethylbenzene	100-41-4	8.30
p/m-Xylene	179601-23-1	NA
Bromoform	75-25-2	0.074
Styrene	100-42-5	8.30
1,1,2,2-Tetrachloroethane	79-34-5	0.0015
o-Xylene	95-47-6	NA
4-Ethyltoluene	622-96-8	NA
1,3,5-Trimethylbenzene	108-67-8	NA
1,2,4-Trimethylbenzene	95-63-6	NA
Benzyl chloride	100-44-7	NA
1,3-Dichlorobenzene	541-73-1	NA
1,4-Dichlorobenzene	106-46-7	NA
1,2,3-Trimethylbenzene	526-73-8	NA
1,2-Dichlorobenzene	95-50-1	16.6
1,2,4-Trichlorobenzene	120-82-1	NA
Naphthalene	91-20-3	0.02
Hexachlorobutadiene	87-68-3	0.0037

Table 5. Evaluation of Action Levels for Hazardous Ambient Air Standards

Table 5 Calculates the Action Level for the total Design Target Area by summing the individual VIMS Zones values which were calculated using the equation shown below. Since the samples were collected as grab, the lb/hr action level was multiplied by 8 to determine lb/8hrs.

Action Level (lb / 8 hr) = Flowrate (m^3/min) x Analyte Maximum Concentration (µg/m^3) x (60 min / 1 hr) x (1 mg /1,000 µg) x (1 lb / 453, 592 mg) x 8 hr

		SAMPLE ID:	Z1-EMISSIONS-20250911	Z2-EMISSIONS-20250911	Z3-EMISSIONS-20250911	Z4-EMISSIONS-20250911
		LAB ID:	L2557846-01	L2557846-02	L2557846-03	L2557846-04
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025	9/11/2025
FLOW		m^3/min	21.83	20.84	10.34	5.49
ANALYTE	CAS	Units	Action Level	Action Level	Action Level	Action Level
Propylene	115-07-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorodifluoromethane	75-71-8	lbs/8 hr	1.95E-04	5.82E-05	2.89E-05	1.52E-05
Chloromethane	74-87-3	lbs/8 hr	3.10E-05	2.13E-05	9.94E-06	4.94E-06
Freon-114	76-14-2	lbs/8 hr	1.56E-04	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	75-01-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	106-99-0	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	74-83-9	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Chloroethane	75-00-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethanol	64-17-5	lbs/8 hr	1.49E-03	1.36E-03	1.47E-03	3.17E-04
Vinyl bromide	593-60-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	67-64-1	lbs/8 hr	3.67E-04	4.19E-04	4.44E-04	1.65E-04
Trichlorofluoromethane	75-69-4	lbs/8 hr	8.85E-05	3.86E-05	0.00E+00	1.05E-05
Isopropanol	67-63-0	lbs/8 hr	1.55E-04	2.09E-03	1.85E-04	3.27E-05
1,1-Dichloroethene	75-35-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	75-09-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Chloropropene	107-05-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	75-15-0	lbs/8 hr	2.14E-05	0.00E+00	0.00E+00	8.84E-06
Freon-113	76-13-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	156-60-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	75-34-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl tert butyl ether	1634-04-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	108-05-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	78-93-3	lbs/8 hr	8.73E-05	5.09E-05	8.36E-05	2.11E-05
cis-1,2-Dichloroethene	156-59-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethyl Acetate	141-78-6	lbs/8 hr	0.00E+00	5.73E-05	0.00E+00	1.06E-05
Chloroform	67-66-3	lbs/8 hr	3.33E-05	2.32E-05	0.00E+00	1.49E-05
Tetrahydrofuran	109-99-9	lbs/8 hr	2.80E-04	1.12E-04	8.36E-04	5.45E-05
1,2-Dichloroethane	107-06-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Hexane	110-54-3	lbs/8 hr	1.70E-05	2.00E-04	3.01E-05	0.00E+00
1,1,1-Trichloroethane	71-55-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	71-43-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	4.79E-06
Carbon tetrachloride	56-23-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyclohexane	110-82-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloropropane	78-87-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	75-27-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	123-91-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	79-01-6	lbs/8 hr	8.64E-05	3.04E-05	6.41E-03	1.99E-04
2,2,4-Trimethylpentane	540-84-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptane	142-82-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
cis-1,3-Dichloropropene	10061-01-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	108-10-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	10061-02-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	79-00-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	108-88-3	lbs/8 hr	3.79E-05	5.62E-05	2.12E-05	1.73E-05
2-Hexanone	591-78-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dibromochloromethane	124-48-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	106-93-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	127-18-4	lbs/8 hr	1.88E-03	9.09E-05	3.12E-03	7.09E-04
Chlorobenzene	108-90-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	100-41-4	lbs/8 hr	2.40E-05	4.48E-05	4.75E-05	0.00E+00
p/m-Xylene	179601-23-1	lbs/8 hr	8.64E-05	1.61E-04	1.70E-04	1.24E-05
Bromoform	75-25-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Styrene	100-42-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2,2-Tetrachloroethane	79-34-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	95-47-6	lbs/8 hr	2.86E-05	4.34E-05	4.71E-05	5.07E-06
4-Ethyltoluene	622-96-8	lbs/8 hr	0.00E+00	3.20E-05	0.00E+00	6.22E-06
1,3,5-Trimethylbenzene	108-67-8	lbs/8 hr	0.00E+00	3.51E-05	0.00E+00	8.31E-06
1,2,4-Trimethylbenzene	95-63-6	lbs/8 hr	0.00E+00	1.19E-04	2.68E-05	3.49E-05
Benzyl chloride	100-44-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichlorobenzene	541-73-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	106-46-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trimethylbenzene	526-73-8	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	6.63E-06
1,2-Dichlorobenzene	95-50-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trichlorobenzene	120-82-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	91-20-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Hexachlorobutadiene	87-68-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 5. Evaluation of Action Levels for Hazardous Ambient Air Standards

		SAMPLE ID:	Z5-EMISSIONS-20250911	Z6-EMISSIONS-20250911	Z7-EMISSIONS-20250911	Z8-EMISSIONS-20250911
		LAB ID:	L2557846-05	L2557846-06	L2557846-07	L2557846-08
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025	9/11/2025
FLOW		m^3/min	13.99	20.84	2.92	21.83
ANALYTE	CAS	Units	Action Level	Action Level	Action Level	Action Level
Propylene	115-07-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Dichlorodifluoromethane	75-71-8	lbs/8 hr	4.01E-05	5.87E-05	7.84E-06	6.56E-05
Chloromethane	74-87-3	lbs/8 hr	1.89E-05	3.51E-05	3.12E-06	2.43E-05
Freon-114	76-14-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	75-01-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	106-99-0	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromomethane	74-83-9	lbs/8 hr	0.00E+00	6.31E-05	0.00E+00	0.00E+00
Chloroethane	75-00-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethanol	64-17-5	lbs/8 hr	9.27E-04	1.06E-03	2.16E-04	1.99E-03
Vinyl bromide	593-60-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Acetone	67-64-1	lbs/8 hr	2.71E-04	4.52E-04	1.13E-04	8.50E-04
Trichlorofluoromethane	75-69-4	lbs/8 hr	2.25E-05	3.66E-05	5.09E-06	5.15E-05
Isopropanol	67-63-0	lbs/8 hr	1.41E-04	1.38E-04	2.72E-05	6.35E-04
1,1-Dichloroethene	75-35-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	75-09-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3-Chloropropene	107-05-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	75-15-0	lbs/8 hr	0.00E+00	0.00E+00	1.16E-05	4.62E-04
Freon-113	76-13-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	156-60-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	75-34-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Methyl tert butyl ether	1634-04-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	108-05-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2-Butanone	78-93-3	lbs/8 hr	1.08E-04	1.57E-04	2.25E-05	1.06E-04
cis-1,2-Dichloroethene	156-59-2	lbs/8 hr	4.83E-05	0.00E+00	0.00E+00	0.00E+00
Ethyl Acetate	141-78-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	4.18E-05
Chloroform	67-66-3	lbs/8 hr	3.48E-05	7.96E-05	0.00E+00	3.33E-05
Tetrahydrofuran	109-99-9	lbs/8 hr	1.18E-04	1.05E-04	5.49E-05	1.89E-04
1,2-Dichloroethane	107-06-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
n-Hexane	110-54-3	lbs/8 hr	2.06E-05	2.21E-05	3.49E-06	1.96E-05
1,1,1-Trichloroethane	71-55-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Benzene	71-43-2	lbs/8 hr	0.00E+00	1.77E-05	2.53E-06	1.51E-05
Carbon tetrachloride	56-23-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Cyclohexane	110-82-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloropropane	78-87-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	75-27-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	123-91-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	79-01-6	lbs/8 hr	4.96E-03	4.17E-03	5.71E-06	1.39E-04
2,2,4-Trimethylpentane	540-84-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Heptane	142-82-5	lbs/8 hr	0.00E+00	0.00E+00	2.54E-06	2.15E-05
cis-1,3-Dichloropropene	10061-01-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	108-10-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	10061-02-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	79-00-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Toluene	108-88-3	lbs/8 hr	3.35E-05	8.73E-05	9.07E-06	4.78E-05
2-Hexanone	591-78-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	2.13E-05
Dibromochloromethane	124-48-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	106-93-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	127-18-4	lbs/8 hr	4.78E-03	1.53E-03	5.06E-05	9.29E-05
Chlorobenzene	108-90-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	100-41-4	lbs/8 hr	2.21E-05	0.00E+00	9.81E-06	0.00E+00
p/m-Xylene	179601-23-1	lbs/8 hr	7.19E-05	5.36E-05	3.43E-05	5.68E-05
Bromoform	75-25-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Styrene	100-42-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,1,2,2-Tetrachloroethane	79-34-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
o-Xylene	95-47-6	lbs/8 hr	2.44E-05	0.00E+00	1.08E-05	2.20E-05
4-Ethyltoluene	622-96-8	lbs/8 hr	0.00E+00	0.00E+00	4.81E-06	2.70E-05
1,3,5-Trimethylbenzene	108-67-8	lbs/8 hr	0.00E+00	0.00E+00	6.51E-06	3.63E-05
1,2,4-Trimethylbenzene	95-63-6	lbs/8 hr	0.00E+00	0.00E+00	2.65E-05	1.56E-04
Benzyl chloride	100-44-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,3-Dichlorobenzene	541-73-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	106-46-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trimethylbenzene	526-73-8	lbs/8 hr	0.00E+00	0.00E+00	5.22E-06	2.86E-05
1,2-Dichlorobenzene	95-50-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trichlorobenzene	120-82-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Naphthalene	91-20-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	4.69E-05
Hexachlorobutadiene	87-68-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Table 5. Evaluation of Action Levels for Hazardous Ambient Air Standards

		SAMPLE ID:	Z9-EMISSIONS-20250911	Z10-EMISSIONS-20250911	Z11-EMISSIONS-20250911
		LAB ID:	L2557846-09	L2557846-10	L2557846-11
		COLLECTION DATE:	9/11/2025	9/11/2025	9/11/2025
FLOW		m^3/min	10.34	10.34	27.50
ANALYTE	CAS	Units	Action Level	Action Level	Action Level
Propylene	115-07-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Dichlorodifluoromethane	75-71-8	lbs/8 hr	2.85E-05	3.35E-05	7.77E-05
Chloromethane	74-87-3	lbs/8 hr	8.83E-06	1.35E-05	2.03E-05
Freon-114	76-14-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Vinyl chloride	75-01-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,3-Butadiene	106-99-0	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Bromomethane	74-83-9	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Chloroethane	75-00-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Ethanol	64-17-5	lbs/8 hr	1.41E-03	8.35E-04	2.40E-03
Vinyl bromide	593-60-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Acetone	67-64-1	lbs/8 hr	1.72E-04	2.05E-04	5.32E-04
Trichlorofluoromethane	75-69-4	lbs/8 hr	2.20E-05	1.67E-05	6.02E-05
Isopropanol	67-63-0	lbs/8 hr	1.00E-04	1.14E-03	3.46E-04
1,1-Dichloroethene	75-35-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Methylene chloride	75-09-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
3-Chloropropene	107-05-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Carbon disulfide	75-15-0	lbs/8 hr	0.00E+00	0.00E+00	4.31E-05
Freon-113	76-13-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
trans-1,2-Dichloroethene	156-60-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,1-Dichloroethane	75-34-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Methyl tert butyl ether	1634-04-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Vinyl acetate	108-05-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
2-Butanone	78-93-3	lbs/8 hr	3.29E-05	2.96E-05	2.78E-04
cis-1,2-Dichloroethene	156-59-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Ethyl Acetate	141-78-6	lbs/8 hr	0.00E+00	2.53E-05	0.00E+00
Chloroform	67-66-3	lbs/8 hr	2.60E-05	2.89E-05	6.20E-05
Tetrahydrofuran	109-99-9	lbs/8 hr	2.79E-05	4.97E-05	2.87E-04
1,2-Dichloroethane	107-06-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
n-Hexane	110-54-3	lbs/8 hr	1.09E-05	1.10E-04	6.43E-05
1,1,1-Trichloroethane	71-55-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Benzene	71-43-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Carbon tetrachloride	56-23-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Cyclohexane	110-82-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,2-Dichloropropane	78-87-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Bromodichloromethane	75-27-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,4-Dioxane	123-91-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Trichloroethene	79-01-6	lbs/8 hr	5.06E-05	7.65E-05	6.02E-04
2,2,4-Trimethylpentane	540-84-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Heptane	142-82-5	lbs/8 hr	0.00E+00	0.00E+00	6.69E-05
cis-1,3-Dichloropropene	10061-01-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
4-Methyl-2-pentanone	108-10-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
trans-1,3-Dichloropropene	10061-02-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,1,2-Trichloroethane	79-00-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Toluene	108-88-3	lbs/8 hr	1.76E-05	2.55E-05	1.34E-04
2-Hexanone	591-78-6	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Dibromochloromethane	124-48-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,2-Dibromoethane	106-93-4	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Tetrachloroethene	127-18-4	lbs/8 hr	9.49E-05	6.62E-05	1.01E-03
Chlorobenzene	108-90-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Ethylbenzene	100-41-4	lbs/8 hr	0.00E+00	1.16E-05	2.60E-05
p/m-Xylene	179601-23-1	lbs/8 hr	0.00E+00	4.13E-05	1.07E-04
Bromoform	75-25-2	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Styrene	100-42-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,1,2,2-Tetrachloroethane	79-34-5	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
o-Xylene	95-47-6	lbs/8 hr	0.00E+00	1.32E-05	4.19E-05
4-Ethyltoluene	622-96-8	lbs/8 hr	0.00E+00	1.61E-05	0.00E+00
1,3,5-Trimethylbenzene	108-67-8	lbs/8 hr	0.00E+00	1.65E-05	3.84E-05
1,2,4-Trimethylbenzene	95-63-6	lbs/8 hr	0.00E+00	6.03E-05	1.56E-04
Benzyl chloride	100-44-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,3-Dichlorobenzene	541-73-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,4-Dichlorobenzene	106-46-7	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,2,3-Trimethylbenzene	526-73-8	lbs/8 hr	0.00E+00	0.00E+00	2.90E-05
1,2-Dichlorobenzene	95-50-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
1,2,4-Trichlorobenzene	120-82-1	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Naphthalene	91-20-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00
Hexachlorobutadiene	87-68-3	lbs/8 hr	0.00E+00	0.00E+00	0.00E+00

Table 6 shows the sum of each result from the VIMS Zones is shown below and if the value exceeds the Action Level.
Table 6. Evaluation of Action Levels for Hazardous Ambient Air Standards VIMS Zones

ANALYTE	CAS	Action level (lbs/8 hr)	TOTAL lbs/8 hr)	Total Loading > Action Level
Propylene	115-07-1	NA	0.00E+00	Below
Dichlorodifluoromethane	75-71-8	16.6	6.10E-04	Below
Chloromethane	74-87-3	7.5	1.91E-04	Below
Freon-114	76-14-2	3,454	1.56E-04	Below
Vinyl chloride	75-01-4	0.0091	0.00E+00	Below
1,3-Butadiene	106-99-0	0.0027	0.00E+00	Below
Bromomethane	74-83-9	0.4	6.31E-05	Below
Chloroethane	75-00-3	NA	0.00E+00	Below
Ethanol	64-17-5	37.2	1.35E-02	Below
Vinyl bromide	593-60-2	NA	0.00E+00	Below
Acetone	67-64-1	26.1	3.99E-03	Below
Trichlorofluoromethane	75-69-4	46.6	3.52E-04	Below
Isopropanol	67-63-0	184	4.98E-03	Below
1,1-Dichloroethene	75-35-4	1.7	0.00E+00	Below
Methylene chloride	75-09-2	0.17	0.00E+00	Below
3-Chloropropene	107-05-1	0.008	0.00E+00	Below
Carbon disulfide	75-15-0	54.5	5.47E-04	Below
Freon-113	76-13-1	2,490	0.00E+00	Below
trans-1,2-Dichloroethene	156-60-5	1.6	0.00E+00	Below
1,1-Dichloroethane	75-34-3	4.2	0.00E+00	Below
Methyl tert butyl ether	1634-04-4	NA	0.00E+00	Below
Vinyl acetate	108-05-4	1.7	0.00E+00	Below
2-Butanone	78-93-3	415	9.78E-04	Below
cis-1,2-Dichloroethene	156-59-2	NA	4.83E-05	Below
Ethyl Acetate	141-78-6	95	1.35E-04	Below
Chloroform	67-66-3	0.0036	3.36E-04	Below
Tetrahydrofuran	109-99-9	2.9	2.11E-03	Below
1,2-Dichloroethane	107-06-2	0.0032	0.00E+00	Below
n-Hexane	110-54-3	581	4.99E-04	Below
1,1,1-Trichloroethane	71-55-6	83.0	0.00E+00	Below
Benzene	71-43-2	0.011	4.01E-05	Below
Carbon tetrachloride	56-23-5	0.0055	0.00E+00	Below
Cyclohexane	110-82-7	6.8	0.00E+00	Below
1,2-Dichloropropane	78-87-5	0.0042	0.00E+00	Below
Bromodichloromethane	75-27-4	0.0046	0.00E+00	Below
1,4-Dioxane	123-91-1	0.027	0.00E+00	Below
Trichloroethene	79-01-6	0.04	1.67E-02	Below
2,2,4-Trimethylpentane	540-84-1	NA	0.00E+00	Below
Heptane	142-82-5	364	9.10E-05	Below
cis-1,3-Dichloropropene	10061-01-5	NA	0.00E+00	Below
4-Methyl-2-pentanone	108-10-1	249	0.00E+00	Below
trans-1,3-Dichloropropene	10061-02-6	NA	0.00E+00	Below
1,1,2-Trichloroethane	79-00-5	0.0052	0.00E+00	Below
Toluene	108-88-3	24.9	4.87E-04	Below
2-Hexanone	591-78-6	NA	2.13E-05	Below
Dibromochloromethane	124-48-1	0.0035	0.00E+00	Below
1,2-Dibromoethane	106-93-4	0.00037	0.00E+00	Below
Tetrachloroethene	127-18-4	0.015	1.34E-02	Below
Chlorobenzene	108-90-7	0.2	0.00E+00	Below
Ethylbenzene	100-41-4	8.30	1.86E-04	Below
p/m-Xylene	179601-23-1	NA	7.95E-04	Below
Bromoform	75-25-2	0.074	0.00E+00	Below
Styrene	100-42-5	8.30	0.00E+00	Below
1,1,2,2-Tetrachloroethane	79-34-5	0.0015	0.00E+00	Below
o-Xylene	95-47-6	NA	2.37E-04	Below
4-Ethyltoluene	622-96-8	NA	8.61E-05	Below
1,3,5-Trimethylbenzene	108-67-8	NA	1.41E-04	Below
1,2,4-Trimethylbenzene	95-63-6	NA	5.79E-04	Below
Benzyl chloride	100-44-7	NA	0.00E+00	Below
1,3-Dichlorobenzene	541-73-1	NA	0.00E+00	Below
1,4-Dichlorobenzene	106-46-7	NA	0.00E+00	Below
1,2,3-Trimethylbenzene	526-73-8	NA	6.95E-05	Below
1,2-Dichlorobenzene	95-50-1	16.6	0.00E+00	Below
1,2,4-Trichlorobenzene	120-82-1	NA	0.00E+00	Below
Naphthalene	91-20-3	0.02	4.69E-05	Below
Hexachlorobutadiene	87-68-3	0.0037	0.00E+00	Below

Summary

Based on the Mass Loading calculation, air pollution controls are not required based on the following conclusions:

1.) The maximum potential to emit is below 5 tons/year (estimated at 0.034 tons/year of total VOCs)
2.) The calculated action levels for the specific analytes listed in the Hazardous Ambient Air Standards are below the standards

The SSD system is expected to have an immediate drop in concentrations within the first month of operations and continue throughout the first year of operations.

ANALYTICAL REPORT

Lab Number:	L2557846
Client:	ERM, Inc. 75 Valley Stream Parkway Suite 200 Malvern, PA 19355
ATTN:	Khrista Baran
Phone:	(484) 913-0490
Project Name:	ENERGIZER VIMS
Project Number:	0796117.01
Report Date:	09/24/25

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Certifications & Approvals: NH ELAP (2249).

Project Name: ENERGIZER VIMS
Project Number: 0796117.01

Lab Number: L2557846
Report Date: 09/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2557846-01	Z1-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 10:37	09/12/25
L2557846-02	Z2-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 15:30	09/12/25
L2557846-03	Z3-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 15:24	09/12/25
L2557846-04	Z4-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 15:26	09/12/25
L2557846-05	Z5-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 13:47	09/12/25
L2557846-06	Z6-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 12:24	09/12/25
L2557846-07	Z7-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 13:49	09/12/25
L2557846-08	Z8-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 15:28	09/12/25
L2557846-09	Z9-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 12:30	09/12/25
L2557846-10	Z10-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 13:52	09/12/25
L2557846-11	Z11-EMISSIONS-20250911	SOIL_VAPOR	BENNINGTON, VT	09/11/25 16:11	09/12/25
L2557846-12	UNUSED CAN # 3442	SOIL_VAPOR	BENNINGTON, VT		09/12/25

Project Name:	ENERGIZER VIMS	**Lab Number:**	L2557846
Project Number:	0796117.01	**Report Date:**	09/24/25

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:	ENERGIZER VIMS	**Lab Number:**	L2557846
Project Number:	0796117.01	**Report Date:**	09/24/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on August 25, 2025. The canister certification data is provided as an addendum.

L2557846-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of 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: 09/24/25

AIR

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-01
Client ID: Z1-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 10:37
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 03:05
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	0.696	0.200	--	3.74	1.07	--		1
Tetrachloroethene	12.0	0.200	--	81.4	1.36	--		1
Ethylbenzene	0.240	0.200	--	1.04	0.869	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01

Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-02
Client ID: Z2-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 15:30
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 03:41
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	0.256	0.200	--	1.38	1.07	--		1
Tetrachloroethene	0.608	0.200	--	4.12	1.36	--		1
Ethylbenzene	0.468	0.200	--	2.03	0.869	--		1
1,3,5-Trimethylbenzene	0.323	0.200	--	1.59	0.983	--		1
1,2,4-Trimethylbenzene	1.10	0.200	--	5.41	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-03 D
Client ID: Z3-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 15:24
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 04:17
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.400	--	ND	1.02	--		2
Chloroethane	ND	0.400	--	ND	1.06	--		2
1,1-Dichloroethene	ND	0.400	--	ND	1.59	--		2
Methylene chloride	ND	1.00	--	ND	3.47	--		2
1,1-Dichloroethane	ND	0.400	--	ND	1.62	--		2
Benzene	ND	0.400	--	ND	1.28	--		2
Carbon tetrachloride	ND	0.400	--	ND	2.52	--		2
Trichloroethene	109	0.400	--	586	2.15	--		2
Tetrachloroethene	42.0	0.400	--	285	2.71	--		2
Ethylbenzene	1.00	0.400	--	4.34	1.74	--		2
1,3,5-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
1,2,4-Trimethylbenzene	0.498	0.400	--	2.45	1.97	--		2
1,2,3-Trimethylbenzene	ND	0.400	--	ND	1.97	--		2
Naphthalene	ND	0.380	--	ND	1.99	--		2

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	99		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-04
Client ID: Z4-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 15:26
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 04:51
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	0.258	0.200	--	0.824	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	6.36	0.200	--	34.2	1.07	--		1
Tetrachloroethene	18.0	0.200	--	122	1.36	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
1,3,5-Trimethylbenzene	0.290	0.200	--	1.43	0.983	--		1
1,2,4-Trimethylbenzene	1.22	0.200	--	6.00	0.983	--		1
1,2,3-Trimethylbenzene	0.231	0.200	--	1.14	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-05
Client ID: Z5-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 13:47
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 05:28
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	62.4	0.200	--	335	1.07	--		1
Tetrachloroethene	47.6	0.200	--	323	1.36	--		1
Ethylbenzene	0.343	0.200	--	1.49	0.869	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-06
Client ID: Z6-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 12:24
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 06:35
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	0.251	0.200	--	0.802	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	35.2	0.200	--	189	1.07	--		1
Tetrachloroethene	10.2	0.200	--	69.2	1.36	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	98		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	95		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-07
Client ID: Z7-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 13:49
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 07:08
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	0.257	0.200	--	0.821	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	0.345	0.200	--	1.85	1.07	--		1
Tetrachloroethene	2.42	0.200	--	16.4	1.36	--		1
Ethylbenzene	0.733	0.200	--	3.18	0.869	--		1
1,3,5-Trimethylbenzene	0.430	0.200	--	2.11	0.983	--		1
1,2,4-Trimethylbenzene	1.75	0.200	--	8.60	0.983	--		1
1,2,3-Trimethylbenzene	0.343	0.200	--	1.69	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

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

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-08
Client ID: Z8-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 15:28
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 07:46
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	0.205	0.200	--	0.655	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	1.12	0.200	--	6.02	1.07	--		1
Tetrachloroethene	0.593	0.200	--	4.02	1.36	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
1,3,5-Trimethylbenzene	0.320	0.200	--	1.57	0.983	--		1
1,2,4-Trimethylbenzene	1.37	0.200	--	6.74	0.983	--		1
1,2,3-Trimethylbenzene	0.253	0.200	--	1.24	0.983	--		1
Naphthalene	0.387	0.190	--	2.03	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-09
Client ID: Z9-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 12:30
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 08:21
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	0.862	0.200	--	4.63	1.07	--		1
Tetrachloroethene	1.28	0.200	--	8.68	1.36	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	97		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-10
Client ID: Z10-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 13:52
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 08:54
Analyst: KJD

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	1.30	0.200	--	6.99	1.07	--		1
Tetrachloroethene	0.892	0.200	--	6.05	1.36	--		1
Ethylbenzene	0.245	0.200	--	1.06	0.869	--		1
1,3,5-Trimethylbenzene	0.308	0.200	--	1.51	0.983	--		1
1,2,4-Trimethylbenzene	1.12	0.200	--	5.51	0.983	--		1
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

SAMPLE RESULTS

Lab ID: L2557846-11
Client ID: Z11-EMISSIONS-20250911
Sample Location: BENNINGTON, VT

Date Collected: 09/11/25 16:11
Date Received: 09/12/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 09/21/25 09:29
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	3.85	0.200	--	20.7	1.07	--		1
Tetrachloroethene	5.11	0.200	--	34.7	1.36	--		1
Ethylbenzene	0.206	0.200	--	0.895	0.869	--		1
1,3,5-Trimethylbenzene	0.268	0.200	--	1.32	0.983	--		1
1,2,4-Trimethylbenzene	1.09	0.200	--	5.36	0.983	--		1
1,2,3-Trimethylbenzene	0.203	0.200	--	0.998	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	93		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01
Lab Number: L2557846
Report Date: 09/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 09/20/25 21:26

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-11 Batch: WG2117490-4								
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ENERGIZER VIMS
Project Number: 0796117.01

Lab Number: L2557846
Report Date: 09/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-11		Batch: WG2117490-3					
Vinyl chloride	110		-		70-130	-		
Chloroethane	124		-		70-130	-		
1,1-Dichloroethene	119		-		70-130	-		
Methylene chloride	120		-		70-130	-		
1,1-Dichloroethane	118		-		70-130	-		
Benzene	104		-		70-130	-		
Carbon tetrachloride	104		-		70-130	-		
Trichloroethene	108		-		70-130	-		
Tetrachloroethene	119		-		70-130	-		
Ethylbenzene	116		-		70-130	-		
1,3,5-Trimethylbenzene	119		-		70-130	-		
1,2,4-Trimethylbenzene	117		-		70-130	-		
Naphthalene	116		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ENERGIZER VIMS
Project Number: 0796117.01

Lab Number: L2557846
Report Date: 09/24/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-11 QC Batch ID: WG2117490-5 QC Sample: L2557846-05 Client ID: Z5-EMISSIONS-20250911						
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Carbon tetrachloride	ND	ND	ppbV	NC		25
Trichloroethene	62.4	62.2	ppbV	0		25
Tetrachloroethene	47.6	47.5	ppbV	0		25
Ethylbenzene	0.343	0.358	ppbV	4		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,3-Trimethylbenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25

Project Name: ENERGIZER VIMS

Project Number: 0796117.01

Lab Number: L2557846

Report Date: 09/24/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2557846-01	Z1-EMISSIONS-20250911	01870	SV200	08/25/25	532915		-	-	-	Pass	222	221	0
L2557846-01	Z1-EMISSIONS-20250911	3119	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.7	-5.9	-	-	-	-
L2557846-02	Z2-EMISSIONS-20250911	02619	SV200	08/25/25	532915		-	-	-	Pass	225	224	0
L2557846-02	Z2-EMISSIONS-20250911	2375	2.7L Can	08/25/25	532915	L2543784-04	Pass	-29.6	-6.0	-	-	-	-
L2557846-03	Z3-EMISSIONS-20250911	01905	SV200	08/25/25	532915		-	-	-	Pass	225	223	1
L2557846-03	Z3-EMISSIONS-20250911	2820	2.7L Can	08/25/25	532915	L2543784-04	Pass	-29.6	-6.4	-	-	-	-
L2557846-04	Z4-EMISSIONS-20250911	0663	SV200	08/25/25	532915		-	-	-	Pass	220	219	0
L2557846-04	Z4-EMISSIONS-20250911	123	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.7	-6.5	-	-	-	-
L2557846-05	Z5-EMISSIONS-20250911	02384	SV200	08/25/25	532915		-	-	-	Pass	223	221	1
L2557846-05	Z5-EMISSIONS-20250911	2434	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.4	-6.5	-	-	-	-
L2557846-06	Z6-EMISSIONS-20250911	02313	SV200	08/25/25	532915		-	-	-	Pass	216	216	0
L2557846-06	Z6-EMISSIONS-20250911	2311	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.6	-5.9	-	-	-	-
L2557846-07	Z7-EMISSIONS-20250911	02301	SV200	08/25/25	532915		-	-	-	Pass	222	220	1
L2557846-07	Z7-EMISSIONS-20250911	3871	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.5	-5.7	-	-	-	-
L2557846-08	Z8-EMISSIONS-20250911	01149	SV20	08/25/25	532915		-	-	-	Pass	213	213	0

Project Name: ENERGIZER VIMS

Project Number: 0796117.01

Lab Number: L2557846

Report Date: 09/24/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2557846-08	Z8-EMISSIONS-20250911	3005	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.7	-6.2	-	-	-	-
L2557846-09	Z9-EMISSIONS-20250911	01570	SV200	08/25/25	532915		-	-	-	Pass	220	220	0
L2557846-09	Z9-EMISSIONS-20250911	2692	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.6	-6.9	-	-	-	-
L2557846-10	Z10-EMISSIONS-20250911	02541	SV200	08/25/25	532915		-	-	-	Pass	223	219	2
L2557846-10	Z10-EMISSIONS-20250911	134	2.7L Can	08/25/25	532915	L2543784-04	Pass	-29.6	-5.4	-	-	-	-
L2557846-11	Z11-EMISSIONS-20250911	02295	SV200	08/25/25	532915		-	-	-	Pass	221	221	0
L2557846-11	Z11-EMISSIONS-20250911	2302	2.7L Can	08/25/25	532915	L2543784-04	Pass	-29.6	-6.2	-	-	-	-
L2557846-12	UNUSED CAN # 3442	0686	SV200	08/25/25	532915		-	-	-	Pass	220	220	0
L2557846-12	UNUSED CAN # 3442	3442	2.7L Can	08/25/25	532915	L2542989-09	Pass	-29.7	-29.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/17/25 17:52
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2542989

Project Number: CANISTER QC BAT **Report Date:** 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	93		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/25 17:52
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT

Lab Number: L2542989
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2542989-09
Client ID: CAN 466 SHELF 27
Sample Location:

Date Collected: 07/10/25 10:00
Date Received: 07/10/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	100		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	101		60-140

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

Lab Number: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/15/25 00:23
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2543784

Project Number: CANISTER QC BAT **Report Date:** 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	100		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/15/25 00:23
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2543784
Report Date: 09/24/25

Air Canister Certification Results

Lab ID: L2543784-04
Client ID: CAN 543 SHELF 56
Sample Location:

Date Collected: 07/14/25 10:00
Date Received: 07/14/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	103		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	100		60-140

Project Name: ENERGIZER VIMS
Project Number: 0796117.01

Lab Number: L2557846
Report Date: 09/24/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2557846-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-10A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-11A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2557846-12A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	ENERGIZER VIMS	**Lab Number:**	L2557846
Project Number:	0796117.01	**Report Date:**	09/24/25

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:	ENERGIZER VIMS	**Lab Number:**	L2557846
Project Number:	0796117.01	**Report Date:**	09/24/25

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:	ENERGIZER VIMS	**Lab Number:**	L2557846
Project Number:	0796117.01	**Report Date:**	09/24/25

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.)

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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.

Certification Information

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

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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-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-D, 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.**

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

Certification IDs:

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME 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, VT VT-0015, VA 460194, WA C954

Mansfield 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.

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

AIR ANALYSIS

PAGE 1 OF 2

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 9/13/25

Pace® Job #: L2557846

Client Information

Client: ERM
Address: 75 Valley Stream PKwy Suite 200, Malvern, PA 19355
Phone: 484-913-0300
Fax:
Email: krista.baran@erm.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Energizer VIMS
Project Location: Bennington, VT
Project #: 0743167.03 0796117.01 BM
Project Manager: Krista Baran
Pace® Quote #: 31981

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: EDD
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS: TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
57846-01	Z1-emissions-20250911	9/11/25	10:26am ~~3:15pm~~	10:37am	-29.79	-5.98	SV	BM	2.7L	3119	01870	x					0.048ppm
-02	Z2-emissions-20250911	9/11/25	3:21pm	3:30pm	-27.21	-5.68	SV	BM	2.7L	2375	02519 ~~0686~~	x					0.160 ppm
-03	Z3-~~emissions~~ emissions-20250911	9/11/25	3:15pm	3:24pm	-29.12	-5.90	SV	BM	2.7L	2820	01905	x					0.336ppm
-04	Z4-~~emissions~~ emissions-20250911	9/11/25	3:16pm	3:26pm	-28.85	-5.89	SV	BM	2.7L	123	0663	x					0.230ppm
-05	Z5-emissions-20250911	9/11/25	1:38pm	1:47pm	-28.64	-5.86	SV	BM	2.7L	2434	02384	x					0.122 ppm
-06	Z6-emissions-20250911	9/11/25	12:13pm	12:24pm	-29.63	-5.70	SV	BM	2.7L	2311	02313	x					0.084 ppm
-09	Z7-emissions-20250911	9/11/25	1:39pm	1:49pm	-29.19	-5.87	SV	BM	2.7L	3871	02301	x					0.345 ppm
-08	Z8-emissions-20250911	9/11/25	3:17pm	3:25pm	-29.20	-5.84	SV	BM	2.7L	3005	01149	x					0.253 ppm
-09	Z9-emissions-20250911	9/11/25	12:20pm	12:30pm	-29.75	-7.10	SV	BM	2.7L	2692	01570	x					0.115 ppm
-10	Z10-emissions-20250911	9/11/25	1:43pm	1:52pm	-27.32	-5.67	SV	BM	2.7L	134	02543 ~~13458~~	x					0.138 ppm

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Canister 10

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Bridges mccuen	9/12/2025 9:30 am		9/12/25 930
	9/12/25 1830		9-12-25 19:30
Chris Pace	9-12-25 21:20	Chris Pace	9/13/25 0100
Chris Pace	9/13/25 0230	Bobby Brooks	9/13/25 0230

AIR ANALYSIS

PAGE 2 OF 2

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab:

Pace® Job #:

Client Information

Client: ERM
Address: 75 Valley Stream Pkwy Suite 200, Malvern, PA, 19355
Phone: 484-913-0300
Fax:
Email: krista.baran@erm.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: Energizer VIMS
Project Location: Bennington, VT
Project #: 0743167.03 BM 0796117.01
Project Manager: Krista Baran
Pace® Quote #: 31981

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: EDD
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
-11	Z11-emissions-20260911	9/11/25	4:01pm	4:11pm	-29.43	-5.94	SV	BM	2.7L	2302	02295	X					0.111 ppm

*SAMPLE MATRIX CODES

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Canister

Relinquished By:	Date/Time	Received By:	Date/Time:
Brittany Medeiros	9/12/2025 9:30 am		
[signature]	9/12/25 1830	[signature]	9/12/25 930
[signature]	9-12-25 21:20	[signature]	9/12/25 19:30
Chris Pace	9/13/25 0230	Holly Crouch	9/13/25 0230

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Sample Delivery Group Summary

Pace Job Number : L2557846

Account Name : ERM, Inc.
Project Number : 0796117.01
Project Name : ENERGIZER VIMS

Received : 12-SEP-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Absent/			

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?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**

APPENDIX J YEAR 1 FIRST SEMI-ANNUAL INDOOR & OUTDOOR AIR SAMPLING DATA

SUMMARY SAMPLE RESULTS

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	IA-01	IA-01	IA-02	IA-03	IA-04
		Sample Date	10/28/2025	10/28/2025	10/28/2025	10/28/2025	10/28/2025
		Sample Type	N	FD	N	N	N
Analyte	Unit	VT-IRULE-ASL-IND-2024					
Benzene	µg/m^3	1.05	0.534	0.524	0.553	0.540	0.562
Carbon tetrachloride	µg/m^3	1.36	0.560	0.572	0.547	0.560	0.585
Chloroethane	µg/m^3	35040	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	0.139	0.139	0.152	0.174	0.361
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	1.70	1.47	0.944	0.461	0.619
Tetrachloroethene	µg/m^3	5.11	0.305	0.305	0.420	0.319	1.67
Trichloroethene	µg/m^3	0.7	< 0.107	< 0.107	< 0.107	< 0.107	0.537
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983	< 0.983	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		< 0.098	0.152	0.157	< 0.098	1.19
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098	< 0.098	< 0.098	0.413
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	IA-05	IA-06	IA-07	IA-08	IA-09
		Sample Date	10/28/2025	10/28/2025	10/28/2025	10/28/2025	10/28/2025
		Sample Type	N	N	N	N	N
Analyte	Unit	VT-IRULE-ASL-IND-2024					
Benzene	µg/m^3	1.05	0.569	0.668	0.569	0.661	0.626
Carbon tetrachloride	µg/m^3	1.36	0.503	0.497	0.384	0.522	0.491
Chloroethane	µg/m^3	35040	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	0.161	0.226	0.235	0.269	0.269
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	< 0.262	< 0.262	< 0.262	0.283	< 0.262
Tetrachloroethene	µg/m^3	5.11	0.997	0.414	0.325	0.617	0.393
Trichloroethene	µg/m^3	0.7	< 0.107	< 0.107	0.124	0.210	0.134
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983	< 0.983	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		0.206	0.143	0.226	0.241	0.197
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098	< 0.098	< 0.098	< 0.098
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	IA-09	IA-10	IA-11	IA-12	IA-13
		Sample Date	10/28/2025	10/28/2025	10/28/2025	10/28/2025	10/28/2025
		Sample Type	FD	N	N	N	N
Analyte	Unit	VT-IRULE-ASL-IND-2024					
Benzene	µg/m^3	1.05	0.514	0.709	0.687	0.671	0.642
Carbon tetrachloride	µg/m^3	1.36	0.585	0.497	0.478	0.465	0.484
Chloroethane	µg/m^3	35040	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	0.248	0.265	0.243	0.204	0.191
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	0.262	< 0.262	< 0.262	< 0.262	< 0.262
Tetrachloroethene	µg/m^3	5.11	0.346	0.353	0.346	0.203	0.197
Trichloroethene	µg/m^3	0.7	0.156	0.231	0.193	0.107	0.113
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983	< 0.983	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		0.206	0.197	0.241	0.177	0.162
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098	< 0.098	< 0.098	< 0.098
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	IA-14	IA-15	IA-16	IA-16	IA-17
		Sample Date	10/28/2025	10/28/2025	10/28/2025	10/28/2025	10/28/2025
		Sample Type	N	N	N	FD	N
Analyte	Unit	VT-IRULE-ASL-IND-2024					
Benzene	µg/m^3	1.05	0.591	0.556	0.613	0.508	0.604
Carbon tetrachloride	µg/m^3	1.36	0.497	0.484	0.503	0.566	0.472
Chloroethane	µg/m^3	35040	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	0.204	0.191	0.204	0.2	0.208
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	< 0.262	< 0.262	< 0.262	< 0.262	< 0.262
Tetrachloroethene	µg/m^3	5.11	< 0.136	< 0.136	< 0.136	< 0.136	< 0.136
Trichloroethene	µg/m^3	0.7	0.419	0.457	0.365	0.317	0.258
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983	< 0.983	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		0.192	0.138	0.231	0.285	0.270
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098	< 0.098	< 0.098	< 0.098
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	IA-18	IA-19	IA-20	IA-20	IA-21
		Sample Date	10/28/2025	10/28/2025	10/28/2025	10/28/2025	10/28/2025
		Sample Type	N	N	N	FD	N
Analyte	Unit	VT-IRULE-ASL-IND-2024					
Benzene	µg/m^3	1.05	0.565	0.486	0.565	0.438	0.530
Carbon tetrachloride	µg/m^3	1.36	0.503	0.516	0.484	0.585	0.497
Chloroethane	µg/m^3	35040	< 0.264	< 0.264	< 0.264	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	< 0.081	< 0.081	< 0.081	< 0.081	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079	< 0.079	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	0.195	0.222	0.278	0.239	0.248
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74	< 1.74	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	< 0.262	< 0.262	< 0.262	< 0.262	< 0.262
Tetrachloroethene	µg/m^3	5.11	< 0.136	< 0.136	< 0.136	< 0.136	< 0.136
Trichloroethene	µg/m^3	0.7	0.285	< 0.107	0.107	< 0.107	< 0.107
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983	< 0.983	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		0.211	0.211	0.398	0.334	0.290
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098	0.123	0.113	0.103
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051	< 0.051	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

		Location	OA-01	OA-02
		Sample Date	10/28/2025	10/28/2025
		Sample Type	N	N
Analyte	Unit	VT-IRULE-ASL-IND-2024		
Benzene	µg/m^3	1.05	< 0.319	0.348
Carbon tetrachloride	µg/m^3	1.36	0.478	0.491
Chloroethane	µg/m^3	35040	< 0.264	< 0.264
1,1-Dichloroethane	µg/m^3	5.11	0.097	< 0.081
1,1-Dichloroethene	µg/m^3	700.8	< 0.079	< 0.079
Ethylbenzene	µg/m^3	3.27	< 0.087	0.156
Methylene chloride	µg/m^3	817.6	< 1.74	< 1.74
Naphthalene	µg/m^3	0.262	< 0.262	< 0.262
Tetrachloroethene	µg/m^3	5.11	< 0.136	< 0.136
Trichloroethene	µg/m^3	0.7	< 0.107	< 0.107
1,2,3-Trimethylbenzene	µg/m^3	210.24	< 0.983	< 0.983
1,2,4-Trimethylbenzene	µg/m^3		0.241	0.216
1,3,5-Trimethylbenzene	µg/m^3		< 0.098	< 0.098
Vinyl chloride	µg/m^3	1.86	< 0.051	< 0.051

Table 1
October 2025 Indoor & Outdoor Air Analytical Data Summary
Energizer Holdings, Inc.
Bennington, Vermont

Notes:
< = less than reporting limit
Bold values indicate analyte detection
Shaded values indicate exceedance of VTDEC iRule non-residential indoor air standard
FD = Field Duplicate
iRule = Investigation and Remediation of Contaminated Properties Rule
µg/m^3 = micrograms per cubic meter
N = Normal Environmental Sample
VTDEC = Vermont Department of Environmental Conservation
VT-IRULE-ASL-IND-2024 = VTDEC, Investigation and Remediation of Contaminated Properties Rule, Air Screening Levels (TR-1E-06, HQ=1.0), Non-resident Air, 2024

FIGURES

DRAWN BY: J. FERRENZ

Location	IA-01	IA-01
Sample Date	10/28/2025	10/28/2025
Sample Type	N	FD
Analyte	Result	Result
Benzene	**0.534**	**0.524**
Carbon tetrachloride	**0.560**	**0.572**
Chloroethane	< 0.264	< 0.264
1,1-Dichloroethane	< 0.081	< 0.081
1,1-Dichloroethene	< 0.079	< 0.079
Ethylbenzene	**0.139**	**0.139**
Methylene chloride	< 1.74	< 1.74
Naphthalene	**1.70**	**1.47**
Tetrachloroethene	**0.305**	**0.305**
Trichloroethene	< 0.107	< 0.107
1,2,3-Trimethylbenzene	< 0.983	< 0.983
1,2,4-Trimethylbenzene	< 0.098	**0.152**
1,3,5-Trimethylbenzene	< 0.098	< 0.079
Vinyl chloride	< 0.051	< 0.051

Location	IA-02
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.553**
Carbon tetrachloride	**0.547**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.152**
Methylene chloride	< 1.74
Naphthalene	**0.944**
Tetrachloroethene	**0.420**
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.157**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-03
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.540**
Carbon tetrachloride	**0.560**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.174**
Methylene chloride	< 1.74
Naphthalene	**0.461**
Tetrachloroethene	**0.319**
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	< 0.098
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-06
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.668**
Carbon tetrachloride	**0.497**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.226**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.414**
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.143**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-07
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.569**
Carbon tetrachloride	**0.384**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.235**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.325**
Trichloroethene	**0.124**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.226**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	OA-01
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	< 0.319
Carbon tetrachloride	**0.478**
Chloroethane	< 0.264
1,1-Dichloroethane	**0.097**
1,1-Dichloroethene	< 0.079
Ethylbenzene	< 0.087
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.241**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-05
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.569**
Carbon tetrachloride	**0.503**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.161**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.997**
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.206**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-04
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.562**
Carbon tetrachloride	**0.585**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.361**
Methylene chloride	< 1.74
Naphthalene	**0.619**
Tetrachloroethene	**1.67**
Trichloroethene	**0.537**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**1.19**
1,3,5-Trimethylbenzene	**0.413**
Vinyl chloride	< 0.051

Location	IA-08
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.661**
Carbon tetrachloride	**0.522**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.269**
Methylene chloride	< 1.74
Naphthalene	**0.283**
Tetrachloroethene	**0.617**
Trichloroethene	**0.210**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.241**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-09	IA-09
Sample Date	10/28/2025	10/28/2025
Sample Type	N	FD
Analyte	Result	Result
Benzene	**0.626**	**0.514**
Carbon tetrachloride	**0.491**	**0.585**
Chloroethane	< 0.264	< 0.264
1,1-Dichloroethane	< 0.081	< 0.081
1,1-Dichloroethene	< 0.079	< 0.079
Ethylbenzene	**0.269**	**0.248**
Methylene chloride	< 1.74	< 1.74
Naphthalene	< 0.262	**0.262**
Tetrachloroethene	**0.393**	**0.346**
Trichloroethene	**0.134**	**0.156**
1,2,3-Trimethylbenzene	< 0.983	< 0.983
1,2,4-Trimethylbenzene	**0.197**	**0.206**
1,3,5-Trimethylbenzene	< 0.098	< 0.098
Vinyl chloride	< 0.051	< 0.051

Location	IA-12
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.671**
Carbon tetrachloride	**0.465**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.204**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.203**
Trichloroethene	**0.107**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.177**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-13
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.642**
Carbon tetrachloride	**0.484**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.191**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.197**
Trichloroethene	**0.113**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.162**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-10
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.709**
Carbon tetrachloride	**0.497**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.265**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.353**
Trichloroethene	**0.231**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.197**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-11
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.687**
Carbon tetrachloride	**0.478**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.243**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	**0.346**
Trichloroethene	**0.193**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.241**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Gage St
Maple St
Division St
Scott St
OA-01
IA-01
IA-02
IA-03
IA-04
IA-05
IA-06
IA-07
IA-08
IA-09
IA-10
IA-11
IA-12
IA-13

0 25 50 100 Feet

FIGURE EXTENT

0 0.0225 0.045 0.09 Miles

Legend

- Sample Location
- Site Property Boundary
- VT Tax Parcels

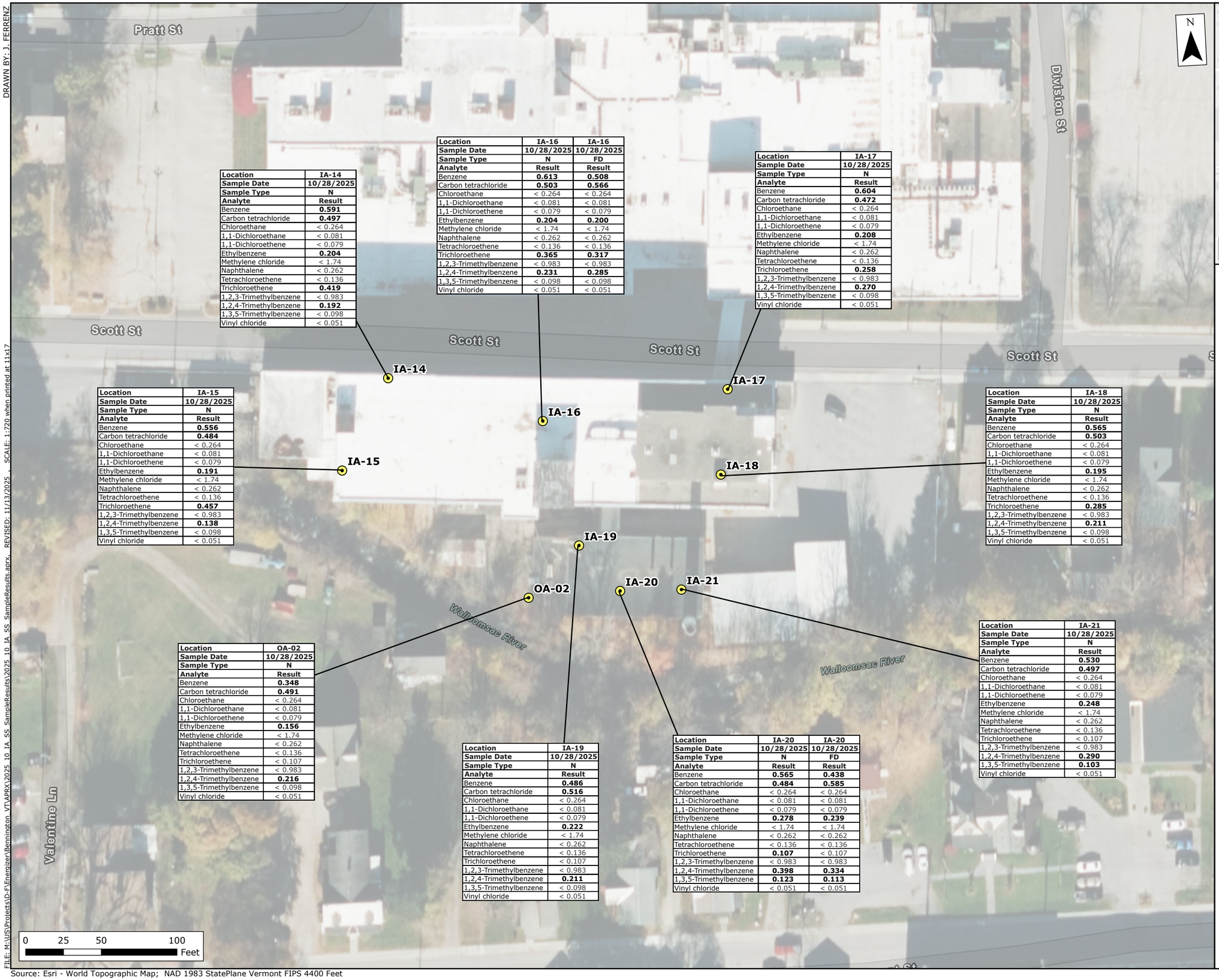
Notes:
1. All sample locations are approximated
2. All results shown in µg/m3 (micrograms per cubic meter)
3. N = Normal Environmental Sample
4. FD = Field Duplicate Sample
5. < = less than reporting limit
6. Bold values indicate analyte detection
7. Shaded values indicate exceedance VTDEC iRule non-residential indoor air standard
8. Aerial Imagery: ESRI World Imagery
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Figure 1A
2025 Air Sampling Results - Plant 1
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

FILE: M:\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_10_IA_SS_SampleResults\2025_10_IA_SS_SampleResults.aprx, REVISED: 11/13/2025, SCALE: 1:720 when printed at 11x17



Location	IA-14
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.591**
Carbon tetrachloride	**0.497**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.204**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	**0.419**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.192**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-15
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.556**
Carbon tetrachloride	**0.484**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.191**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	**0.457**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.138**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-16	IA-16
Sample Date	10/28/2025	10/28/2025
Sample Type	N	FD
Analyte	Result	Result
Benzene	**0.613**	**0.508**
Carbon tetrachloride	**0.503**	**0.566**
Chloroethane	< 0.264	< 0.264
1,1-Dichloroethane	< 0.081	< 0.081
1,1-Dichloroethene	< 0.079	< 0.079
Ethylbenzene	**0.204**	**0.200**
Methylene chloride	< 1.74	< 1.74
Naphthalene	< 0.262	< 0.262
Tetrachloroethene	< 0.136	< 0.136
Trichloroethene	**0.365**	**0.317**
1,2,3-Trimethylbenzene	< 0.983	< 0.983
1,2,4-Trimethylbenzene	**0.231**	**0.285**
1,3,5-Trimethylbenzene	< 0.098	< 0.098
Vinyl chloride	< 0.051	< 0.051

Location	IA-17
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.604**
Carbon tetrachloride	**0.472**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.208**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	**0.258**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.270**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

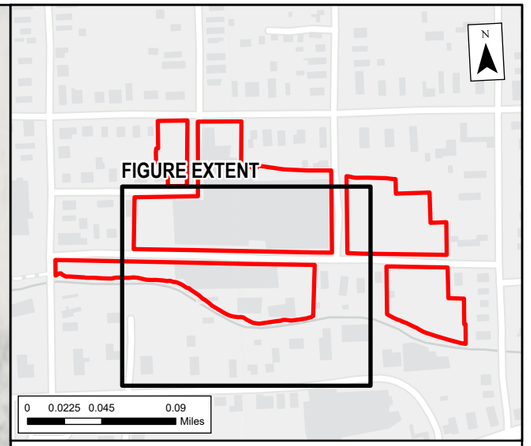
Location	IA-18
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.565**
Carbon tetrachloride	**0.503**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.195**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	**0.285**
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.211**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	OA-02
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.348**
Carbon tetrachloride	**0.491**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.156**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.216**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-19
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.486**
Carbon tetrachloride	**0.516**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.222**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.211**
1,3,5-Trimethylbenzene	< 0.098
Vinyl chloride	< 0.051

Location	IA-20	IA-20
Sample Date	10/28/2025	10/28/2025
Sample Type	N	FD
Analyte	Result	Result
Benzene	**0.565**	**0.438**
Carbon tetrachloride	**0.484**	**0.585**
Chloroethane	< 0.264	< 0.264
1,1-Dichloroethane	< 0.081	< 0.081
1,1-Dichloroethene	< 0.079	< 0.079
Ethylbenzene	**0.278**	**0.239**
Methylene chloride	< 1.74	< 1.74
Naphthalene	< 0.262	< 0.262
Tetrachloroethene	< 0.136	< 0.136
Trichloroethene	**0.107**	< 0.107
1,2,3-Trimethylbenzene	< 0.983	< 0.983
1,2,4-Trimethylbenzene	**0.398**	**0.334**
1,3,5-Trimethylbenzene	**0.123**	**0.113**
Vinyl chloride	< 0.051	< 0.051

Location	IA-21
Sample Date	10/28/2025
Sample Type	N
Analyte	Result
Benzene	**0.530**
Carbon tetrachloride	**0.497**
Chloroethane	< 0.264
1,1-Dichloroethane	< 0.081
1,1-Dichloroethene	< 0.079
Ethylbenzene	**0.248**
Methylene chloride	< 1.74
Naphthalene	< 0.262
Tetrachloroethene	< 0.136
Trichloroethene	< 0.107
1,2,3-Trimethylbenzene	< 0.983
1,2,4-Trimethylbenzene	**0.290**
1,3,5-Trimethylbenzene	**0.103**
Vinyl chloride	< 0.051



Legend

- Sample Location
- Site Property Boundary
- VT Tax Parcels

Notes:

1. All sample locations are approximated
2. All results shown in µg/m3 (micrograms per cubic meter)
3. N = Normal Environmental Sample
4. FD = Field Duplicate Sample
5. < = less than reporting limit
6. Bold values indicate analyte detection
7. Shaded values indicate exceedance VTDEC iRule non-residential indoor air standard
8. Aerial Imagery: ESRI World Imagery
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Figure 1B

2025 Air Sampling Results - Plant 2 & Boiler House

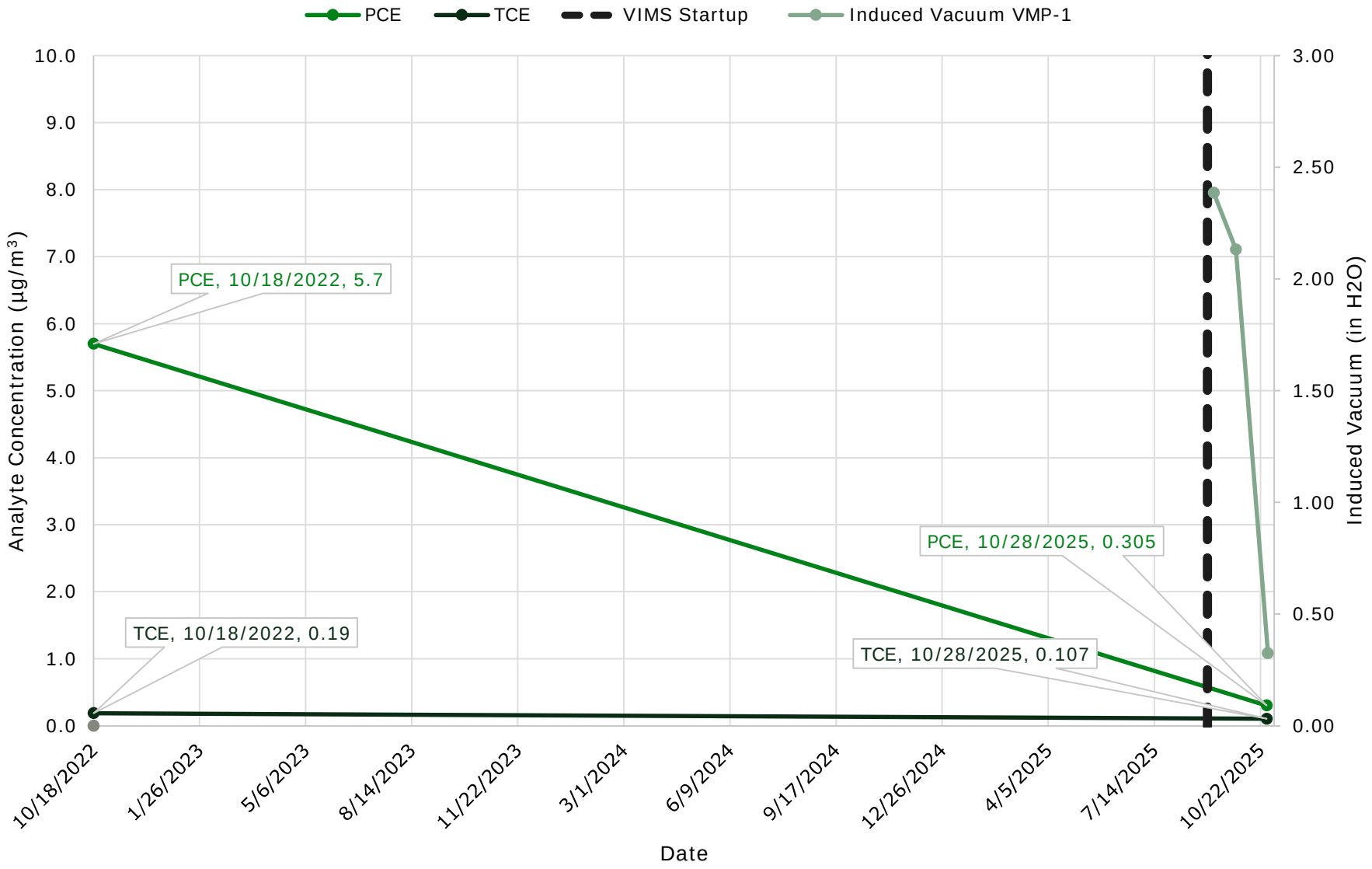
Energizer Holdings, Inc.
Bennington, Vermont

ERM

Source: Esri - World Topographic Map; NAD 1983 StatePlane Vermont FIPS 4400 Feet

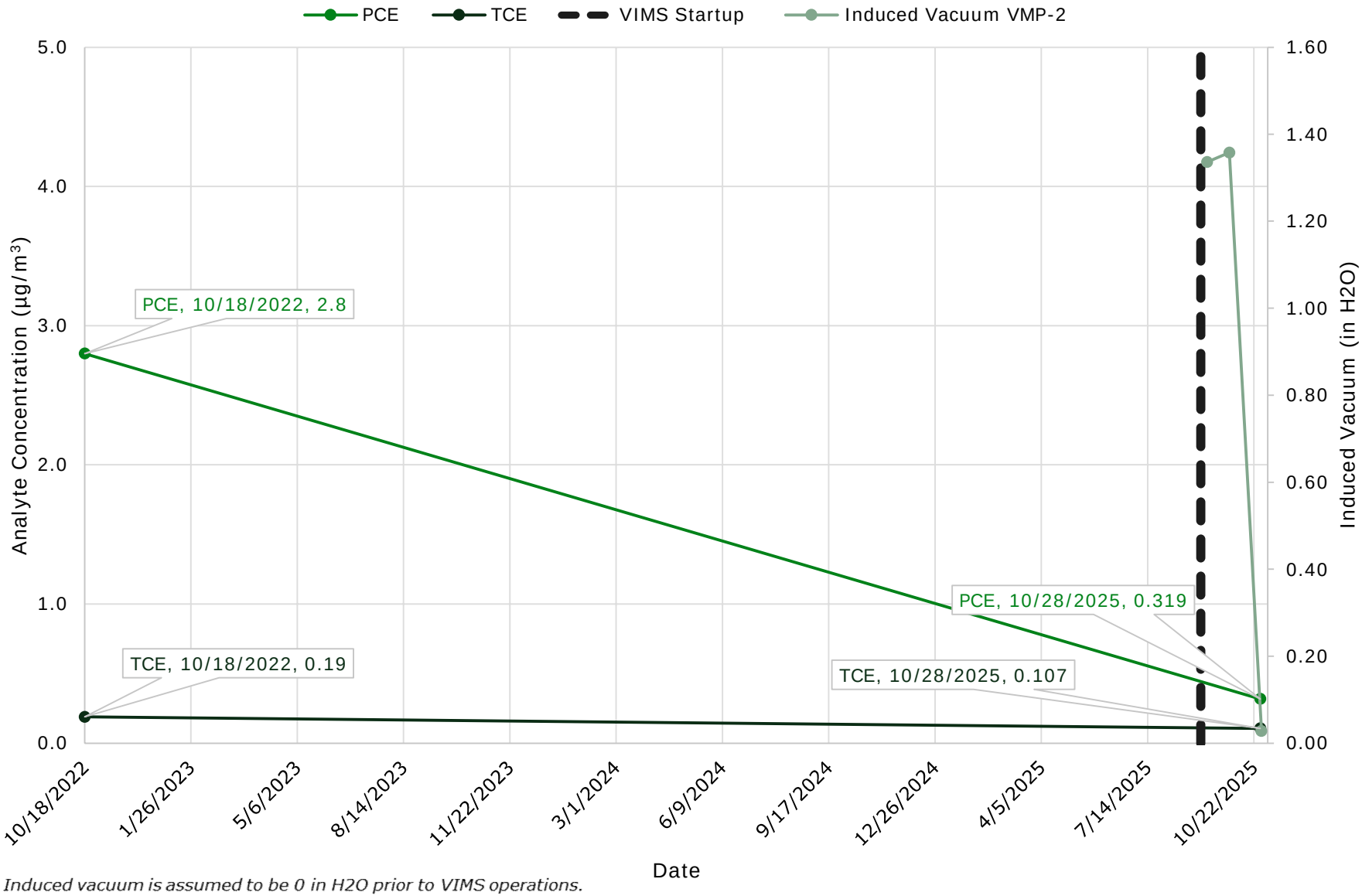
DRAWN BY: J. FERRENZ
SCALE: 1:720 when printed at 11x17
REVISED: 11/13/2025
FILE: M:\US\Projects\D-F\Energizer\Bennington_VT\APRX\2025_10_IA_SS_SampleResults\2025_10_IA_SS_SampleResults.aprx

Figure 2: IA-01



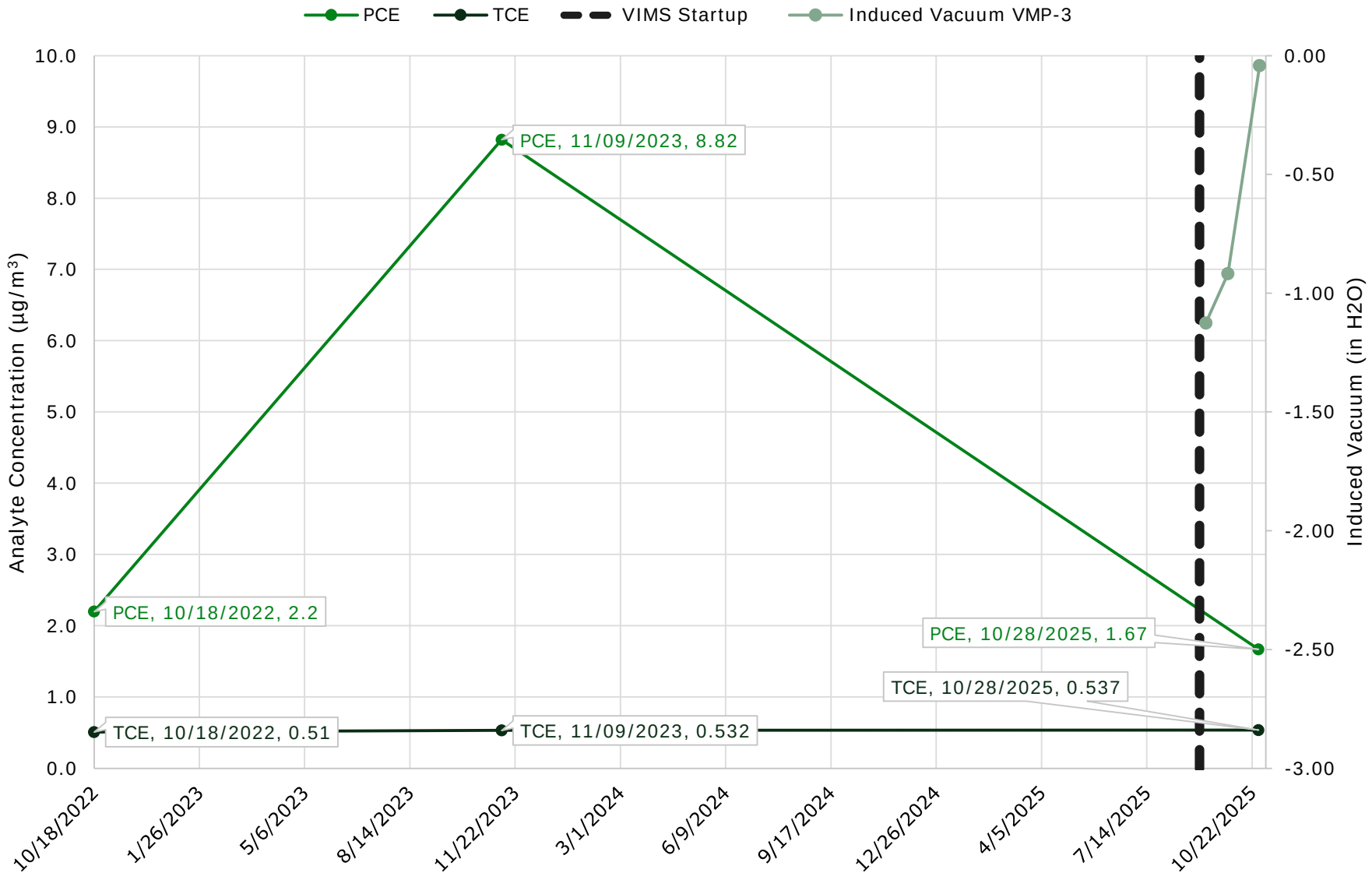
Induced vacuum is assumed to be 0 in H2O prior to VIMS operations.
Report limit is shown for non-detect results.
For duplicate samples, the maximum result is shown for the analyte for the parent/duplicate.

Figure 3: IA-03



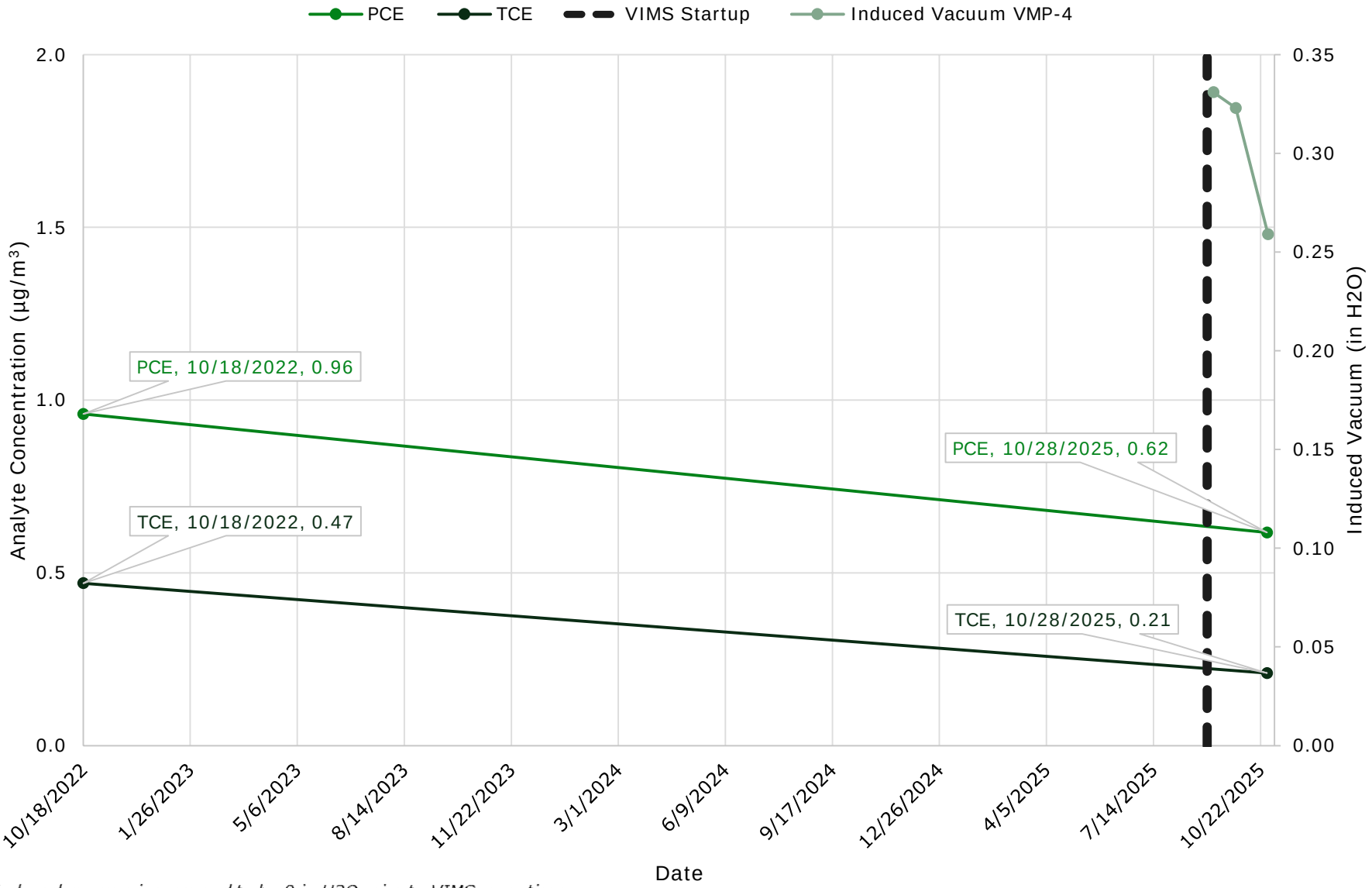
Induced vacuum is assumed to be 0 in H2O prior to VIMS operations.
Report limit is shown for non-detect results.
For duplicate samples, the maximum result is shown for the analyte for the parent/duplicate.

Figure 4: IA-04



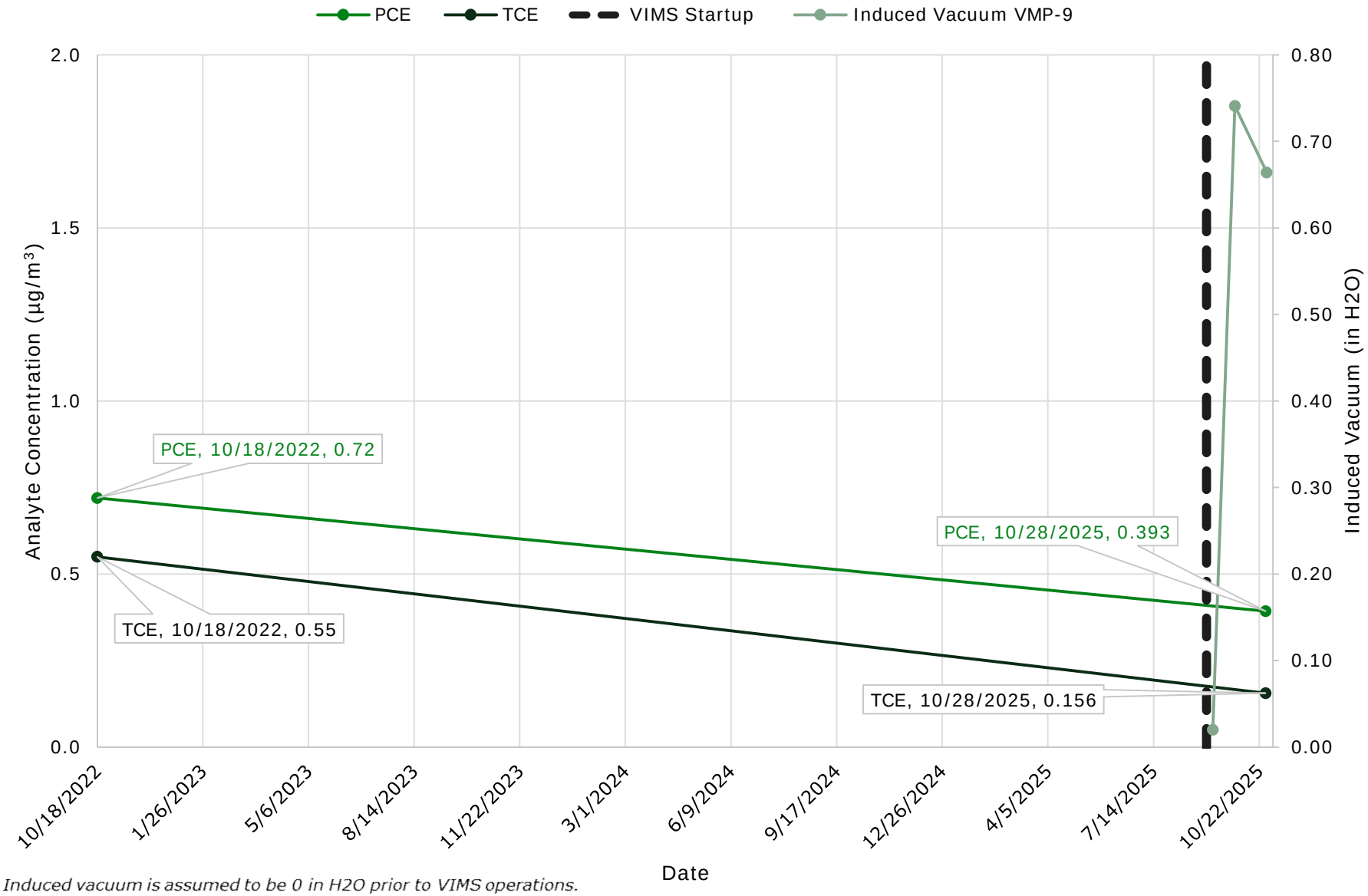
Induced vacuum is assumed to be 0 in H2O prior to VIMS operations.
Report limit is shown for non-detect results.
For duplicate samples, the maximum result is shown for the analyte for the parent/duplicate.

Figure 5: IA-08



Induced vacuum is assumed to be 0 in H2O prior to VIMS operations.
Report limit is shown for non-detect results.
For duplicate samples, the maximum result is shown for the analyte for the parent/duplicate.

Figure 6: IA-09



Induced vacuum is assumed to be 0 in H2O prior to VIMS operations.
Report limit is shown for non-detect results.
For duplicate samples, the maximum result is shown for the analyte for the parent/duplicate.

LABORATORY REPORT

ANALYTICAL REPORT

Lab Number:	L2568784
Client:	ERM, Inc. 75 Valley Stream Parkway Suite 200 Malvern, PA 19355
ATTN:	Khrista Baran
Phone:	(484) 913-0490
Project Name:	VIMS LTM
Project Number:	0796178
Report Date:	11/11/25

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Certifications & Approvals: NH ELAP (2249).

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2568784-01	IA-01-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:30	10/29/25
L2568784-02	IA-03-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:20	10/29/25
L2568784-03	IA-02-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:26	10/29/25
L2568784-04	IA-04-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:16	10/29/25
L2568784-05	IA-05-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:38	10/29/25
L2568784-06	IA-06-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:45	10/29/25
L2568784-07	IA-07-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:50	10/29/25
L2568784-08	IA-08-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:09	10/29/25
L2568784-09	IA-09-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:20	10/29/25
L2568784-10	IA-10-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:02	10/29/25
L2568784-11	IA-11-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:54	10/29/25
L2568784-12	IA-12-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:52	10/29/25
L2568784-13	IA-13-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:49	10/29/25
L2568784-14	IA-14-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:08	10/29/25
L2568784-15	IA-15-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:09	10/29/25
L2568784-16	IA-16-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:41	10/29/25
L2568784-17	IA-17-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:03	10/29/25
L2568784-18	IA-18-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:05	10/29/25
L2568784-19	IA-19-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:32	10/29/25
L2568784-20	IA-20-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:26	10/29/25
L2568784-21	IA-21-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:38	10/29/25
L2568784-22	OA-1-20251028	AIR	BENNINGTON, VERMONT	10/28/25 17:51	10/29/25
L2568784-23	OA-2-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:16	10/29/25
L2568784-24	IA-DUP-01-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:30	10/29/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2568784-25	IA-DUP-02-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:20	10/29/25
L2568784-26	IA-DUP-03-20251028	AIR	BENNINGTON, VERMONT	10/28/25 15:41	10/29/25
L2568784-27	IA-DUP-04-20251028	AIR	BENNINGTON, VERMONT	10/28/25 16:26	10/29/25
L2568784-28	UNUSED CAN #5508	AIR	BENNINGTON, VERMONT		10/29/25
L2568784-29	UNUSED CAN #5539	AIR	BENNINGTON, VERMONT		10/29/25
L2568784-30	UNUSED CAN #4878	AIR	BENNINGTON, VERMONT		10/29/25

Project Name:	VIMS LTM	**Lab Number:**	L2568784
Project Number:	0796178	**Report Date:**	11/11/25

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: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 27, 2025. The canister certification data is provided as an addendum.

The WG2137718-2 CC recovery associated with L2568784-01 through -04 is below the acceptance limit for Ethanol. All samples associated with this LCS that have reportable amounts of this analyte will be reported with low bias.

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: 11/11/25

AIR

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-01
Client ID: IA-01-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:30
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/05/25 19:56
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	91		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-01
Client ID: IA-01-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:30
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/05/25 19:56
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.167	0.100	--	0.534	0.319	--		1
Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.045	0.020	--	0.305	0.136	--		1
Ethylbenzene	0.032	0.020	--	0.139	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Naphthalene	0.325	0.050	--	1.70	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-02
Client ID: IA-03-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/05/25 20:34
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	88		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-02
Client ID: IA-03-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/05/25 20:34
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.169	0.100	--	0.540	0.319	--		1
Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.047	0.020	--	0.319	0.136	--		1
Ethylbenzene	0.040	0.020	--	0.174	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Naphthalene	0.088	0.050	--	0.461	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-03
Client ID: IA-02-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/05/25 21:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-03
Client ID: IA-02-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/05/25 21:13
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.173	0.100	--	0.553	0.319	--		1
Carbon tetrachloride	0.087	0.020	--	0.547	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.062	0.020	--	0.420	0.136	--		1
Ethylbenzene	0.035	0.020	--	0.152	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.032	0.020	--	0.157	0.098	--		1
Naphthalene	0.180	0.050	--	0.944	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-04
Client ID: IA-04-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:16
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/05/25 21:52
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-04
Client ID: IA-04-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:16
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/05/25 21:52
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.176	0.100	--	0.562	0.319	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	0.100	0.020	--	0.537	0.107	--		1
Tetrachloroethene	0.247	0.020	--	1.67	0.136	--		1
Ethylbenzene	0.083	0.020	--	0.361	0.087	--		1
1,3,5-Trimethybenzene	0.084	0.020	--	0.413	0.098	--		1
1,2,4-Trimethylbenzene	0.243	0.020	--	1.19	0.098	--		1
Naphthalene	0.118	0.050	--	0.619	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	91		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-05
Client ID: IA-05-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:38
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 20:00
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	94		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-05
Client ID: IA-05-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:38
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 20:00
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.178	0.100	--	0.569	0.319	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.147	0.020	--	0.997	0.136	--		1
Ethylbenzene	0.037	0.020	--	0.161	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.042	0.020	--	0.206	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-06
Client ID: IA-06-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:45
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 20:33
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-06
Client ID: IA-06-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:45
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 20:33
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.209	0.100	--	0.668	0.319	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.061	0.020	--	0.414	0.136	--		1
Ethylbenzene	0.052	0.020	--	0.226	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.029	0.020	--	0.143	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-07
Client ID: IA-07-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:50
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 21:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	94		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-07
Client ID: IA-07-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:50
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 21:06
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.178	0.100	--	0.569	0.319	--		1
Carbon tetrachloride	0.061	0.020	--	0.384	0.126	--		1
Trichloroethene	0.023	0.020	--	0.124	0.107	--		1
Tetrachloroethene	0.048	0.020	--	0.325	0.136	--		1
Ethylbenzene	0.054	0.020	--	0.235	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.046	0.020	--	0.226	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-08
Client ID: IA-08-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:09
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 21:40
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	86		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	86		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-08
Client ID: IA-08-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:09
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 21:40
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.207	0.100	--	0.661	0.319	--		1
Carbon tetrachloride	0.083	0.020	--	0.522	0.126	--		1
Trichloroethene	0.039	0.020	--	0.210	0.107	--		1
Tetrachloroethene	0.091	0.020	--	0.617	0.136	--		1
Ethylbenzene	0.062	0.020	--	0.269	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		1
Naphthalene	0.054	0.050	--	0.283	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	83		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	83		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-09
Client ID: IA-09-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 22:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-09
Client ID: IA-09-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 22:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.196	0.100	--	0.626	0.319	--		1
Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--		1
Trichloroethene	0.025	0.020	--	0.134	0.107	--		1
Tetrachloroethene	0.058	0.020	--	0.393	0.136	--		1
Ethylbenzene	0.062	0.020	--	0.269	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.040	0.020	--	0.197	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-10
Client ID: IA-10-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:02
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 23:21
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	89		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-10
Client ID: IA-10-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:02
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 23:21
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.222	0.100	--	0.709	0.319	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	0.043	0.020	--	0.231	0.107	--		1
Tetrachloroethene	0.052	0.020	--	0.353	0.136	--		1
Ethylbenzene	0.061	0.020	--	0.265	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.040	0.020	--	0.197	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-11
Client ID: IA-11-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:54
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 23:54
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-11
Client ID: IA-11-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:54
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 23:54
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.215	0.100	--	0.687	0.319	--		1
Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--		1
Trichloroethene	0.036	0.020	--	0.193	0.107	--		1
Tetrachloroethene	0.051	0.020	--	0.346	0.136	--		1
Ethylbenzene	0.056	0.020	--	0.243	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-12
Client ID: IA-12-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:52
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 00:27
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-12
Client ID: IA-12-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:52
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 00:27
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.210	0.100	--	0.671	0.319	--		1
Carbon tetrachloride	0.074	0.020	--	0.465	0.126	--		1
Trichloroethene	0.020	0.020	--	0.107	0.107	--		1
Tetrachloroethene	0.030	0.020	--	0.203	0.136	--		1
Ethylbenzene	0.047	0.020	--	0.204	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.036	0.020	--	0.177	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-13
Client ID: IA-13-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:49
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 01:00
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	95		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-13
Client ID: IA-13-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:49
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 01:00
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.201	0.100	--	0.642	0.319	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	0.021	0.020	--	0.113	0.107	--		1
Tetrachloroethene	0.029	0.020	--	0.197	0.136	--		1
Ethylbenzene	0.044	0.020	--	0.191	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.033	0.020	--	0.162	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-14
Client ID: IA-14-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:08
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 01:35
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-14
Client ID: IA-14-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:08
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 01:35
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.185	0.100	--	0.591	0.319	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	0.078	0.020	--	0.419	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.047	0.020	--	0.204	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.039	0.020	--	0.192	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-15
Client ID: IA-15-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:09
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 02:08
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	88		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-15
Client ID: IA-15-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:09
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 02:08
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.174	0.100	--	0.556	0.319	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	0.085	0.020	--	0.457	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.044	0.020	--	0.191	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.028	0.020	--	0.138	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-16
Client ID: IA-16-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:41
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 02:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-16
Client ID: IA-16-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:41
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 02:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.192	0.100	--	0.613	0.319	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	0.068	0.020	--	0.365	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.047	0.020	--	0.204	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.047	0.020	--	0.231	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-17
Client ID: IA-17-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:03
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 03:14
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	96		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-17
Client ID: IA-17-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:03
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 03:14
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.189	0.100	--	0.604	0.319	--		1
Carbon tetrachloride	0.075	0.020	--	0.472	0.126	--		1
Trichloroethene	0.048	0.020	--	0.258	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.048	0.020	--	0.208	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.055	0.020	--	0.270	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	87		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-18
Client ID: IA-18-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:05
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 03:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	93		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-18
Client ID: IA-18-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:05
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 03:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.177	0.100	--	0.565	0.319	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	0.053	0.020	--	0.285	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.045	0.020	--	0.195	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	90		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-19
Client ID: IA-19-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:32
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 04:20
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	89		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	94		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-19
Client ID: IA-19-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:32
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 04:20
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.152	0.100	--	0.486	0.319	--		1
Carbon tetrachloride	0.082	0.020	--	0.516	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.051	0.020	--	0.222	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.043	0.020	--	0.211	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	88		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-20
Client ID: IA-20-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 04:53
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-20
Client ID: IA-20-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 04:53
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.177	0.100	--	0.565	0.319	--		1
Carbon tetrachloride	0.077	0.020	--	0.484	0.126	--		1
Trichloroethene	0.020	0.020	--	0.107	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.064	0.020	--	0.278	0.087	--		1
1,3,5-Trimethybenzene	0.025	0.020	--	0.123	0.098	--		1
1,2,4-Trimethylbenzene	0.081	0.020	--	0.398	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	86		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-21
Client ID: IA-21-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:38
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/07/25 06:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	90		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-21
Client ID: IA-21-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:38
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/07/25 06:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.166	0.100	--	0.530	0.319	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.057	0.020	--	0.248	0.087	--		1
1,3,5-Trimethybenzene	0.021	0.020	--	0.103	0.098	--		1
1,2,4-Trimethylbenzene	0.059	0.020	--	0.290	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	85		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	87		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-22
Client ID: OA-1-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 17:51
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 18:17
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	93		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	99		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-22
Client ID: OA-1-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 17:51
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 18:17
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	0.024	0.020	--	0.097	0.081	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.049	0.020	--	0.241	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-23
Client ID: OA-2-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:16
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/06/25 18:51
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	96		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	97		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-23
Client ID: OA-2-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:16
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 18:51
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.109	0.100	--	0.348	0.319	--		1
Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.036	0.020	--	0.156	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.044	0.020	--	0.216	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	92		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-24
Client ID: IA-DUP-01-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:30
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/09/25 17:50
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	89		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	89		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-24
Client ID: IA-DUP-01-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:30
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/09/25 17:50
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.164	0.100	--	0.524	0.319	--		1
Carbon tetrachloride	0.091	0.020	--	0.572	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	0.045	0.020	--	0.305	0.136	--		1
Ethylbenzene	0.032	0.020	--	0.139	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.031	0.020	--	0.152	0.098	--		1
Naphthalene	0.281	0.050	--	1.47	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	84		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	87		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-25
Client ID: IA-DUP-02-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/09/25 18:30
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	84		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	86		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-25
Client ID: IA-DUP-02-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:20
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/09/25 18:30
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.161	0.100	--	0.514	0.319	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	0.029	0.020	--	0.156	0.107	--		1
Tetrachloroethene	0.051	0.020	--	0.346	0.136	--		1
Ethylbenzene	0.057	0.020	--	0.248	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.042	0.020	--	0.206	0.098	--		1
Naphthalene	0.050	0.050	--	0.262	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	79		60-140
bromochloromethane	81		60-140
chlorobenzene-d5	85		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-26
Client ID: IA-DUP-03-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:41
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/09/25 19:09
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	82		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	80		60-140

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-26
Client ID: IA-DUP-03-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 15:41
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/09/25 19:09
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.159	0.100	--	0.508	0.319	--		1
Carbon tetrachloride	0.090	0.020	--	0.566	0.126	--		1
Trichloroethene	0.059	0.020	--	0.317	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.046	0.020	--	0.200	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	0.058	0.020	--	0.285	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	78		60-140
bromochloromethane	81		60-140
chlorobenzene-d5	78		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-27
Client ID: IA-DUP-04-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 11/09/25 19:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	82		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	83		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

SAMPLE RESULTS

Lab ID: L2568784-27
Client ID: IA-DUP-04-20251028
Sample Location: BENNINGTON, VERMONT

Date Collected: 10/28/25 16:26
Date Received: 10/29/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 11/09/25 19:47
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	0.137	0.100	--	0.438	0.319	--		1
Carbon tetrachloride	0.093	0.020	--	0.585	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	0.055	0.020	--	0.239	0.087	--		1
1,3,5-Trimethybenzene	0.023	0.020	--	0.113	0.098	--		1
1,2,4-Trimethylbenzene	0.068	0.020	--	0.334	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	78		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	82		60-140

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/05/25 18:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-04 Batch: WG2137716-4								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/05/25 19:17

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-04 Batch: WG2137718-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/06/25 17:44

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 05-23 Batch: WG2138218-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 11/09/25 17:12

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 24-27 Batch: WG2139235-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
Chloroethane	ND	0.100	--	ND	0.264	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
1,1-Dichloroethane	ND	0.020	--	ND	0.081	--		1
Benzene	ND	0.100	--	ND	0.319	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1

Project Name: VIMS LTM
Project Number: 0796178
Lab Number: L2568784
Report Date: 11/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 11/09/25 16:33

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 24-27 Batch: WG2139236-4								
1,2,3-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 Batch: WG2137718-3								
Vinyl chloride	86		-		70-130	-		
Chloroethane	95		-		70-130	-		
1,1-Dichloroethene	91		-		70-130	-		
Methylene chloride	96		-		70-130	-		
1,1-Dichloroethane	83		-		70-130	-		
Benzene	83		-		70-130	-		
Carbon tetrachloride	114		-		70-130	-		
Trichloroethene	85		-		70-130	-		
Tetrachloroethene	86		-		70-130	-		
Ethylbenzene	83		-		70-130	-		
1,3,5-Trimethybenzene	103		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Naphthalene	81		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 05-23 Batch: WG2138218-3								
Vinyl chloride	86		-		70-130	-		
Chloroethane	87		-		70-130	-		
1,1-Dichloroethene	79		-		70-130	-		
Methylene chloride	81		-		70-130	-		
1,1-Dichloroethane	77		-		70-130	-		
Benzene	100		-		70-130	-		
Carbon tetrachloride	100		-		70-130	-		
Trichloroethene	98		-		70-130	-		
Tetrachloroethene	87		-		70-130	-		
Ethylbenzene	91		-		70-130	-		
1,3,5-Trimethybenzene	101		-		70-130	-		
1,2,4-Trimethylbenzene	99		-		70-130	-		
Naphthalene	79		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 24-27 Batch: WG2139235-3								
Vinyl chloride	85		-		70-130	-		
Chloroethane	95		-		70-130	-		
1,1-Dichloroethene	89		-		70-130	-		
Methylene chloride	92		-		70-130	-		
1,1-Dichloroethane	84		-		70-130	-		
Benzene	83		-		70-130	-		
Carbon tetrachloride	109		-		70-130	-		
Trichloroethene	83		-		70-130	-		
Tetrachloroethene	84		-		70-130	-		
Ethylbenzene	82		-		70-130	-		
1,3,5-Trimethybenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	88		-		70-130	-		
Naphthalene	76		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-04 QC Batch ID: WG2137716-5 QC Sample: L2568784-04 Client ID: IA-04-20251028						
1,2,3-Trimethylbenzene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-04 QC Batch ID: WG2137718-5 QC Sample: L2568784-04 Client ID: IA-04-20251028						
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Benzene	0.176	0.174	ppbV	1		25
Carbon tetrachloride	0.093	0.090	ppbV	3		25
Trichloroethene	0.100	0.105	ppbV	5		25
Tetrachloroethene	0.247	0.252	ppbV	2		25
Ethylbenzene	0.083	0.086	ppbV	4		25
1,3,5-Trimethybenzene	0.084	0.081	ppbV	4		25
1,2,4-Trimethylbenzene	0.243	0.257	ppbV	6		25
Naphthalene	0.118	0.120	ppbV	2		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 05-23 QC Batch ID: WG2138215-5 QC Sample: L2568784-08 Client ID: IA-08-20251028						
1,2,3-Trimethylbenzene	ND	ND	ppbV	NC		25
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 05-23 QC Batch ID: WG2138218-5 QC Sample: L2568784-08 Client ID: IA-08-20251028						
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Benzene	0.207	0.217	ppbV	5		25
Carbon tetrachloride	0.083	0.081	ppbV	2		25
Trichloroethene	0.039	0.039	ppbV	0		25
Tetrachloroethene	0.091	0.083	ppbV	9		25
Ethylbenzene	0.062	0.060	ppbV	3		25
1,3,5-Trimethybenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	0.049	0.046	ppbV	6		25
Naphthalene	0.054	0.051	ppbV	6		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 24-27 QC Batch ID: WG2139235-5 QC Sample: L2568784-27 Client ID: IA-DUP-04-20251028						
Vinyl chloride	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Benzene	0.137	0.131	ppbV	4		25
Carbon tetrachloride	0.093	0.090	ppbV	3		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25
Ethylbenzene	0.055	0.053	ppbV	4		25
1,3,5-Trimethybenzene	0.023	0.023	ppbV	0		25
1,2,4-Trimethylbenzene	0.068	0.066	ppbV	3		25
Naphthalene	ND	ND	ppbV	NC		25
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 24-27 QC Batch ID: WG2139236-5 QC Sample: L2568784-27 Client ID: IA-DUP-04-20251028						
1,2,3-Trimethylbenzene	ND	ND	ppbV	NC		25

Project Name: VIMS LTM

Project Number: 0796178

Lab Number: L2568784

Report Date: 11/11/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2568784-01	IA-01-20251028	03153	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	10.1	1
L2568784-01	IA-01-20251028	5705	6.0L TO Can	10/27/25	539399	L2556049-05	Pass	-29.5	-4.7	-	-	-	-
L2568784-02	IA-03-20251028	01501	Flow 4	10/27/25	539399		-	-	-	Pass	9.9	8.8	12
L2568784-02	IA-03-20251028	5468	6.0L Can	10/27/25	539399	L2563031-05	Pass	-29.5	-5.9	-	-	-	-
L2568784-03	IA-02-20251028	0822	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.7	3
L2568784-03	IA-02-20251028	995	6.0L Can	10/27/25	539399	L2564599-05	Pass	-29.4	-4.7	-	-	-	-
L2568784-04	IA-04-20251028	01476	Flow 4	10/27/25	539399		-	-	-	Pass	9.9	9.4	5
L2568784-04	IA-04-20251028	4975	6.0L Can	10/27/25	539399	L2556049-06	Pass	-29.4	-6.6	-	-	-	-
L2568784-05	IA-05-20251028	03176	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.4	6
L2568784-05	IA-05-20251028	4862	6.0L Can	10/27/25	539399	L2545649-05	Pass	-29.3	-6.4	-	-	-	-
L2568784-06	IA-06-20251028	0006	Flow 4	10/27/25	539399		-	-	-	Pass	10.2	9.9	3
L2568784-06	IA-06-20251028	1549	6.0L Can	10/27/25	539399	L2548010-01	Pass	-29.4	-4.6	-	-	-	-
L2568784-07	IA-07-20251028	03152	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	10.1	1
L2568784-07	IA-07-20251028	5598	6.0L TO Can	10/27/25	539399	L2550701-09	Pass	-29.2	-6.2	-	-	-	-
L2568784-08	IA-08-20251028	01047	Flow 4	10/27/25	539399		-	-	-	Pass	10.1	9.8	3

Project Name: VIMS LTM

Project Number: 0796178

Lab Number: L2568784

Report Date: 11/11/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2568784-08	IA-08-20251028	1625	6.0L Can	10/27/25	539399	L2548771-09	Pass	-29.4	-6.2	-	-	-	-
L2568784-09	IA-09-20251028	03135	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.9	1
L2568784-09	IA-09-20251028	3092	6.0L Can	10/27/25	539399	L2566144-03	Pass	-29.1	-4.0	-	-	-	-
L2568784-10	IA-10-20251028	03184	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.8	2
L2568784-10	IA-10-20251028	4257	6.0L Can	10/27/25	539399	L2552330-04	Pass	-29.4	-6.9	-	-	-	-
L2568784-11	IA-11-20251028	02488	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.8	2
L2568784-11	IA-11-20251028	5728	6.0L TO Can	10/27/25	539399	L2547847-07	Pass	-29.3	-5.6	-	-	-	-
L2568784-12	IA-12-20251028	03186	Flow 4	10/27/25	539399		-	-	-	Pass	9.9	9.6	3
L2568784-12	IA-12-20251028	5769	6.0L TO Can	10/27/25	539399	L2544330-09	Pass	-29.3	-6.1	-	-	-	-
L2568784-13	IA-13-20251028	03166	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.7	3
L2568784-13	IA-13-20251028	1611	6.0L Can	10/27/25	539399	L2566100-06	Pass	-29.4	-6.1	-	-	-	-
L2568784-14	IA-14-20251028	03233	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.5	5
L2568784-14	IA-14-20251028	1819	6.0L Can	10/27/25	539399	L2552330-03	Pass	-29.4	-5.8	-	-	-	-
L2568784-15	IA-15-20251028	01536	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.4	6
L2568784-15	IA-15-20251028	3235	6.0L Can	10/27/25	539399	L2565436-06	Pass	-28.9	-5.5	-	-	-	-

Project Name: VIMS LTM

Project Number: 0796178

Lab Number: L2568784

Report Date: 11/11/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2568784-16	IA-16-20251028	01631	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.5	5
L2568784-16	IA-16-20251028	1604	6.0L Can	10/27/25	539399	L2547847-10	Pass	-29.3	-5.6	-	-	-	-
L2568784-17	IA-17-20251028	01744	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	10.1	1
L2568784-17	IA-17-20251028	5518	6.0L TO Can	10/27/25	539399	L2547847-08	Pass	-29.3	-5.6	-	-	-	-
L2568784-18	IA-18-20251028	01016	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.8	2
L2568784-18	IA-18-20251028	2268	6.0L Can	10/27/25	539399	L2555039-09	Pass	-29.4	-6.2	-	-	-	-
L2568784-19	IA-19-20251028	03161	Flow 5	10/27/25	539399		-	-	-	Pass	10.0	9.8	2
L2568784-19	IA-19-20251028	1647	6.0L Can	10/27/25	539399	L2562820-06	Pass	-29.5	-6.4	-	-	-	-
L2568784-20	IA-20-20251028	0161	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.1	9
L2568784-20	IA-20-20251028	5739	6.0L TO Can	10/27/25	539399	L2556049-08	Pass	-29.4	-5.5	-	-	-	-
L2568784-21	IA-21-20251028	03091	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.7	3
L2568784-21	IA-21-20251028	4949	6.0L Can	10/27/25	539399	L2566144-02	Pass	-29.4	-6.3	-	-	-	-
L2568784-22	OA-1-20251028	02626	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.4	6
L2568784-22	OA-1-20251028	5954	6.0L TO Can	10/27/25	539399	L2554143-08	Pass	-29.4	-6.9	-	-	-	-
L2568784-23	OA-2-20251028	03237	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.6	4

Project Name: VIMS LTM

Project Number: 0796178

Lab Number: L2568784

Report Date: 11/11/25

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 Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2568784-23	OA-2-20251028	1943	6.0L Can	10/27/25	539399	L2554143-05	Pass	-29.0	-4.7	-	-	-	-
L2568784-24	IA-DUP-01-20251028	01622	Flow 4	10/27/25	539399		-	-	-	Pass	9.9	9.2	7
L2568784-24	IA-DUP-01-20251028	2253	6.0L Can	10/27/25	539399	L2551787-05	Pass	-29.4	-6.4	-	-	-	-
L2568784-25	IA-DUP-02-20251028	03250	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	8.8	13
L2568784-25	IA-DUP-02-20251028	4255	6.0L Can	10/27/25	539399	L2556065-02	Pass	-29.3	-9.0	-	-	-	-
L2568784-26	IA-DUP-03-20251028	01666	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.7	3
L2568784-26	IA-DUP-03-20251028	1689	6.0L Can	10/27/25	539399	L2552330-05	Pass	-29.4	-7.3	-	-	-	-
L2568784-27	IA-DUP-04-20251028	03175	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	9.9	1
L2568784-27	IA-DUP-04-20251028	1566	6.0L Can	10/27/25	539399	L2555357-04	Pass	-29.4	-6.3	-	-	-	-
L2568784-28	UNUSED CAN #5508	02685	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	8.6	15
L2568784-28	UNUSED CAN #5508	5508	6.0L Can	10/27/25	539399	L2553565-05	Pass	-29.5	-28.4	-	-	-	-
L2568784-29	UNUSED CAN #5539	01542	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	10.0	0
L2568784-29	UNUSED CAN #5539	5539	6.0L TO Can	10/27/25	539399	L2550701-10	Pass	-29.4	-28.3	-	-	-	-
L2568784-30	UNUSED CAN #4878	01583	Flow 4	10/27/25	539399		-	-	-	Pass	10.0	10.0	0
L2568784-30	UNUSED CAN #4878	4878	6.0L Can	10/27/25	539399	L2555686-05	Pass	-29.4	-21.3	-	-	-	-

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

Lab Number: L2544330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/17/25 05:16
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2544330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2544330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2544330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2544330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	100		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	98		60-140

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

Lab Number: L2544330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/17/25 05:16
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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 **Lab Number:** L2544330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2544330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2544330-09
Client ID: CAN 5769 SHELF 100
Sample Location:

Date Collected: 07/16/25 10:00
Date Received: 07/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	85		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/22/25 20:55
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2545649

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	103		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	100		60-140

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

Lab Number: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/22/25 20:55
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2545649
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2545649-05
Client ID: CAN 4862 SHELF 101
Sample Location:

Date Collected: 07/21/25 15:00
Date Received: 07/22/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	102		60-140
chlorobenzene-d5	92		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/01/25 01:29
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2547847

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	93		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/01/25 01:29
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-07
Client ID: CAN 5728 SHELF 88
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	93		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/01/25 02:08
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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 **Lab Number:** L2547847

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2547847

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/01/25 02:08
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-08
Client ID: CAN 5518 SHELF 89
Sample Location:

Date Collected: 07/30/25 15:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	89		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/01/25 03:27
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2547847

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/01/25 03:27
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2547847
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2547847-10
Client ID: CAN 1604 SHELF 124
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 07/31/25 20:57
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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 **Lab Number:** L2548010

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2548010

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 07/31/25 20:57
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2548010
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548010-01
Client ID: CAN 1549 SHELF 125
Sample Location:

Date Collected: 07/31/25 10:00
Date Received: 07/31/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	89		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/06/25 03:04
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2548771

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	110		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	111		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/06/25 03:04
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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 **Lab Number:** L2548771

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2548771
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2548771-09
Client ID: CAN 1625 SHELF 101
Sample Location:

Date Collected: 08/05/25 10:00
Date Received: 08/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	108		60-140
bromochloromethane	106		60-140
chlorobenzene-d5	108		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/14/25 01:57
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2550701

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	92		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	94		60-140

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

Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/14/25 01:57
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-09
Client ID: CAN 5598 SHELF 88
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	107		60-140
bromochloromethane	107		60-140
chlorobenzene-d5	110		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/14/25 02:38
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2550701

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	92		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

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

Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/14/25 02:38
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2550701
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2550701-10
Client ID: CAN 5539 SHELF 89
Sample Location:

Date Collected: 08/13/25 10:00
Date Received: 08/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	108		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	111		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/16/25 22:56
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2551787

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	92		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	91		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/16/25 22:56
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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
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
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
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
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2551787
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2551787-05
Client ID: CAN 2253 SHELF 83
Sample Location:

Date Collected: 08/16/25 07:00
Date Received: 08/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
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	90		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	90		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/20/25 21:08
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	78		60-140
Bromochloromethane	87		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/20/25 21:08
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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 **Lab Number:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-03
Client ID: CAN 1819 SHELF 92
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	0.052	0.050	--	0.386	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	113		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/20/25 21:47
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	85		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	86		60-140

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

Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/20/25 21:47
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-04
Client ID: CAN 4257 SHELF 93
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	104		60-140
bromochloromethane	121		60-140
chlorobenzene-d5	102		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/20/25 22:27
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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 **Lab Number:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/20/25 22:27
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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 **Lab Number:** L2552330

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2552330
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2552330-05
Client ID: CAN 1689 SHELF 94
Sample Location:

Date Collected: 08/19/25 10:00
Date Received: 08/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	108		60-140
bromochloromethane	122		60-140
chlorobenzene-d5	106		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/26/25 23:23
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2553565

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	103		60-140
Bromochloromethane	113		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/26/25 23:23
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2553565
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2553565-05
Client ID: CAN 5508 SHELF 110
Sample Location:

Date Collected: 08/25/25 15:00
Date Received: 08/26/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	77		60-140
bromochloromethane	84		60-140
chlorobenzene-d5	74		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/28/25 21:05
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	87		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/28/25 21:05
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-05
Client ID: CAN 1943 SHELF 72
Sample Location:

Date Collected: 08/27/25 15:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	90		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	89		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 08/28/25 23:07
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	76		60-140
Bromochloromethane	81		60-140
chlorobenzene-d5	73		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 08/28/25 23:07
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2554143
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2554143-08
Client ID: CAN 5954 SHELF 76
Sample Location:

Date Collected: 08/26/25 12:00
Date Received: 08/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	77		60-140
bromochloromethane	78		60-140
chlorobenzene-d5	76		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/04/25 07:49
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	87		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/04/25 07:49
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2555039
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555039-09
Client ID: CAN 2268 SHELF 80
Sample Location:

Date Collected: 09/03/25 10:00
Date Received: 09/03/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	88		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/04/25 22:57
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2555357

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	78		60-140
Bromochloromethane	86		60-140
chlorobenzene-d5	77		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/04/25 22:57
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2555357
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555357-04
Client ID: CAN 1566 SHELF 94
Sample Location:

Date Collected: 09/03/25 15:00
Date Received: 09/04/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	86		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/05/25 23:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	114		60-140
Bromochloromethane	115		60-140
chlorobenzene-d5	116		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/05/25 23:28
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2555686
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2555686-05
Client ID: CAN 4878 SHELF 100
Sample Location:

Date Collected: 09/04/25 15:00
Date Received: 09/05/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	103		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	102		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/07/25 00:50
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2556049

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	119		60-140
Bromochloromethane	116		60-140
chlorobenzene-d5	117		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/25 00:50
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-05
Client ID: CAN 5705 SHELF 104
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	102		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	104		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/07/25 01:31
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2556049

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	97		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/25 01:31
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-06
Client ID: CAN 4975 SHELF 105
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	84		60-140
bromochloromethane	81		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/07/25 02:52
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2556049

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	112		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	110		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/25 02:52
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2556049
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556049-08
Client ID: CAN 5739 SHELF 79
Sample Location:

Date Collected: 09/06/25 07:00
Date Received: 09/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	95		60-140
chlorobenzene-d5	99		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/08/25 21:20
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2556065

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	95		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	93		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/08/25 21:20
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2556065
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2556065-02
Client ID: CAN 4255 SHELF 107
Sample Location:

Date Collected: 09/06/25 15:00
Date Received: 09/08/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	87		60-140
bromochloromethane	80		60-140
chlorobenzene-d5	88		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/07/25 00:36
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2562820

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	76		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	71		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/07/25 00:36
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2562820
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2562820

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2562820-06
Client ID: CAN 1647 SHELF 109
Sample Location:

Date Collected: 10/06/25 12:00
Date Received: 10/06/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	80		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	77		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/08/25 00:21
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2563031

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	79		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	76		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/08/25 00:21
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2563031
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2563031-05
Client ID: CAN 5468 SHELF 97
Sample Location:

Date Collected: 10/07/25 14:00
Date Received: 10/07/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	83		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	79		60-140

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

Lab Number: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/13/25 23:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2564599

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	74		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	71		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/13/25 23:48
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2564599
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2564599-05
Client ID: CAN 995 SHELF 79
Sample Location:

Date Collected: 10/10/25 15:00
Date Received: 10/13/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	87		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	82		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/16/25 18:59
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2565436

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	89		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	86		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/16/25 18:59
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2565436
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2565436-06
Client ID: CAN 3235 SHELF 97
Sample Location:

Date Collected: 10/16/25 11:00
Date Received: 10/16/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	75		60-140
bromochloromethane	90		60-140
chlorobenzene-d5	77		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/20/25 20:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2566100

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	81		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	85		60-140

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

Lab Number: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/20/25 20:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2566100
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566100-06
Client ID: CAN 1611 SHELF 79
Sample Location:

Date Collected: 10/18/25 15:00
Date Received: 10/18/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	70		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	77		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 00:27
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2566144

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	82		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	81		60-140

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

Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/21/25 00:27
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-02
Client ID: CAN 4949 SHELF 83
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	71		60-140
bromochloromethane	81		60-140
chlorobenzene-d5	73		60-140

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

Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/21/25 01:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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:** L2566144

Project Number: CANISTER QC BAT **Report Date:** 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	82		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/21/25 01:04
Analyst: KMH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
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: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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
Project Number: CANISTER QC BAT
Lab Number: L2566144
Report Date: 11/11/25

Air Canister Certification Results

Lab ID: L2566144-03
Client ID: CAN 3092 SHELF 84
Sample Location:

Date Collected: 10/20/25 10:00
Date Received: 10/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
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	71		60-140
bromochloromethane	82		60-140
chlorobenzene-d5	76		60-140

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2568784-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-07A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-08A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-09A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-10A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-11A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-12A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-13A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-14A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-15A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-16A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-17A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-18A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-19A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-20A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-21A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-22A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-23A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

Container Information

Container ID	*Container Type*	*Cooler*	*Initial pH*	*Final pH*	*Temp deg C*	*Pres*	*Seal*	*Frozen Date/Time*	*Analysis(*)*
L2568784-24A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-25A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-26A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2568784-27A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2568784-28A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()
L2568784-29A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()
L2568784-30A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	VIMS LTM	**Lab Number:**	L2568784
Project Number:	0796178	**Report Date:**	11/11/25

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:	VIMS LTM	**Lab Number:**	L2568784
Project Number:	0796178	**Report Date:**	11/11/25

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:	VIMS LTM	**Lab Number:**	L2568784
Project Number:	0796178	**Report Date:**	11/11/25

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: VIMS LTM
Project Number: 0796178

Lab Number: L2568784
Report Date: 11/11/25

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

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.

Certification Information

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

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.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

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

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, SM4500Cl-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-D, 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.**

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

Certification IDs:

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
MA M-MA00030, CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 85084, ME 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, VT VT-0015, VA 460194, WA C954

Mansfield 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.

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

AIR ANALYSIS

PAGE 1 OF 3

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/30/25

Pace® Job #: L2568784

Client Information

Client: ERM
Address: 75 Valley Stream Pkwy
Malvern, PA 19355
Phone: 484-913-0400
Fax: —
Email: Khristo.Baran@ERM.com

☐ These samples have been previously analyzed by Pace

Project Information

Project Name: VIMS LTM
Project Location: Bennington Vermont
Project #: 0798178
Project Manager: Khristo Baran
Pace® Quote #: 31969

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: EDD
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info | PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: USEPA method TO-15 SIM with the exception of 1,2,3 trimethylbenzene. 1,2,3 trimethylbenzene to be analyzed by method TO-15.

1,2,3-Trimethylbenzene
1,2,4-Trimethylbenzene
1,3,5-trimethylbenzene
continued

Project-Specific Target Compound List: ☒
Benzene, carbon tetrachloride, chloroethane, 1,1-Dichloroethane, 1,1-Dichloroethene, Ethyl Benzene, Methyl Chloride, Napthalene, tetrachloroethene, trichloroethylene vinyl chloride

ANALYSIS

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
68784-01	IA-01-20251028	10/28/25	8:21	16:30	-29.73	-5.93	AA	JB	6	5705	03153	X	X				Box 1 of 6
-02	IA-03-20251028	10/28/25	8:00	16:20	-29.76	-6.56	AA	JB	6	5468	01501	X	X				Box 1 of 6
-03	IA-02-20251028	10/28/25	8:06	16:26	-29.73	-5.65	AA	JB	6	995	0822	X	X				Box 1 of 6
-04	IA-04-20251028	10/28/25	7:56	16:16	-29.88	-7.12	AA	JB	6	4975	01476	X	X				Box 1 of 6
-05	IA-05-20251028	10/28/25	8:28	16:38	-29.55	-6.95	AA	JB	6	4862	03176	X	X				Box 1 of 6
-06	IA-06-20251028	10/28/25	8:32	16:45	-29.96	-5.31	AA	JB	6	1549	0006	X	X				Box 2 of 6
-07	IA-07-20251028	10/28/25	8:40	16:50	-29.70	-7.04	AA	JB	6	5598	03152	X	X				Box 2 of 6
-08	IA-08-20251028	10/29/25	7:52	16:09	-29.72	-6.14	AA	JB	6	1625	01047	X	X				Box 2 of 6
-09	IA-09-20251028	10/28/25	7:33	15:20	-29.19	-4.60	AA	JB	6	3042	03135	X	X				Box 2 of 6
-10	IA-10-20251028	10/28/25	7:42	16:02	-29.62	-7.13	AA	JB	6	4257	03184	X	X				Box 2 of 6

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/29 10:16		10/29/25 18:21
	10/29 1730		10/29/25 18:20
	10/29/25		10/30/25 0115
	10/30/25 0240		10/30/25 0240

AIR ANALYSIS

PAGE 2 OF 3

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/30/25

Pace® Job #: L2568784

Client Information

Client: ERM

Address: 75 Valley Stream PKWY
Malvern, PA 19355

Phone: 484-913-0490

Fax: —

Email: Khrista.Baran@erm.com

☐ These samples have been previously analyzed by Pace

Project Information

Project Name: VTMSLTM

Project Location: Bennington Vermont

Project #: 0796178

Project Manager: Khrista Baran

Pace® Quote #: 31969

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: EDD
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: USEPA method TO-15SIM with the exception of 1,2,3 trimethylbenzene. 1,2,3 trimethylbenzene to be analyzed by method TO-15.

Project-Specific Target Compound List: ☑ VTDEC Appendix A, §35-APX-A2 (Full Rule) only

All Columns Below Must Be Filled Out

ANALYSIS

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
68784-11	IA-11-20251028	10/28	0739	1554	-29.93	-6.94	AA	JH	6L	5728	02488	✓	✓					Box 3 of 6
-12	IA-12-20251028	10/28	0742	1552	-29.53	-6.61	AA	JH	6L	5769	03186	✓	✓					Box 3 of 6
-13	IA-13-20251028	10/28	0747	1549	-29.09	-6.33	AA	JB	6L	1611	03166	✓	✓					Box 3 of 6
-14	IA-14-20251028	10/28	0756	1608	-29.73	-6.34	AA	JH	6L	1819	03233	✓	✓					Box 3 of 6
-15	IA-15-20251028	10/28	0759	1609	-29.31	-6.05	AA	JH	6L	325	01586	✓	✓					Box 3 of 6
-16	IA-16-20251028	10/28	0907	1541	-29.29	-6.20	AA	JH	6L	1604	01631	✓	✓					Box 4 of 6
-17	IA-17-20251028	10/28	0752	1603	-29.57	-5.94	AA	JH	6L	5518	01744	✓	✓					Box 4 of 6
-18	IA-18-20251028	10/28	0754	1605	-29.85	-6.73	AA	JH	6L	2268	01016	✓	✓					Box 4 of 6
-19	IA-19-20251028	10/28	0817	1632	-29.84	-6.65	AA	JH	6L	1647	03161	✓	✓					Box 4 of 6
-20	IA-20-20251028	10/28	0820	1626	-29.50	-5.89	AA	JH	6L	5739	0161	✓	✓					Box 4 of 6

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/29 10:16		10/29/25 10:20
	10/29 1730		10/30/25 8:20
	10/29/25		10/30/25 0715

AIR ANALYSIS

PAGE 3 OF 3

Pace ANALYTICAL SERVICES

CHAIN OF CUSTODY

120 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/30/25

Pace® Job #: L2568784

Client Information

Client: ERM
Address: 75 Valley Stream Pkwy
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Fax: -
Email: Khrista.Baran@erm.com
☐ These samples have been previously analyzed by Pace

Project Information

Project Name: VIMS LTM
Project Location: Bennington Vermont
Project #: 0796178
Project Manager: Khrista Baran
Pace® Quote #: 31969

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: EDD
Report to: (if different than Project Manager)

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: USEPA method TO-15 SIM with the exception of 1,2,3 trimethylbenzene, 1,2,3 trichlorobenzene to be analyzed by method TO-15

Project-Specific Target Compound List: ☒ VTDEC Appendix A, § 35-APX-A2

All Columns Below Must Be Filled Out

PACE Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subject Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
68784 -21	IA-21-20251028 JH	~~10/25~~ 10/28	0810	1638	-29.71	-6.39	AA	JH	6L	4949	03091	X	X				Box 5 of 6
-22	OA-1-20251028	10/28	1033	17:51	-30.16	-8.45	AA	JB	6L	5954	01676	X	X				Box 5 of 6
-23	OA-2-20251028	10/28	0824	1616	-29.16	-5.60	AA	JH	6L	1943	03257	X	X				Box 5 of 6
-24	IA-DUP-01-20251028	10/28	0821	1630	~~-29.73~~ -30.00 JB	~~-5.93~~ -7.69 JB	AA	JB	6L	2253	01622	X	X				Box 5 of 6
-25	IA-DUP-02-20251028	10/28	07:33	1520	-29.40	-9.67	AA	JB	6L	4255	03250	X	X				Box 5 of 6
-26	IA-DUP-03-20251028	10/28	0807	1541	-30.37	-7.98	AA	JH	6L	1689	01666	X	X				Box 6 of 6
-27	IA-DUP-04-20251028	10/28	0820	1626	-29.66	-6.56	AA	JH	6L	1566	~~03175~~ 03240	X	X				Box 6 of 6
-28	DID NOT USE	—	—	—	—	—	AA	—	6L	5506	02685						Box 6 of 6
-29	DID NOT USE	—	—	—	—	—	AA	—	6L	5539	01542						Box 6 of 6
-30	FAILED	—	—	—	—	—	AA	—	6L	4878	01583						Box 6 of 6

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambi-guities are resolved. All samples submitted are subject to Pace's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
	10/29/25 10:16		10/29/25 10:20
	10/29/25 17:30		10/29/25 18:20
	10/30/25 0240		10/30/25 0115

Sample Delivery Group Summary

Pace Job Number : L2568784

Account Name : ERM, Inc.
Project Number : 0796178
Project Name : VIMS LTM

Received : 29-OCT-2025
Reviewer : Christopher J Anderson

Delivery Information

Samples Delivered By : Pace Courier

Chain of Custody : Present

Cooler Information

Cooler	Seal/Seal#	Preservation	Temperature(°C)	Additional Information
NA	Present/Intact/NA			

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?	**YES**

Volatile Organics/VPH

1) Reagent Water Vials Frozen by Client?	**NA**



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China
Colombia
Denmark
France
Germany
Hong Kong
India
Indonesia
Ireland
Italy
Japan
Kazakhstan
Kenya
Malaysia
Mexico
Mozambique
The Netherlands
Peru
Poland
Portugal
Romania
Singapore
South Africa
South Korea
Spain
Switzerland
Taiwan
Thailand
UAE
UK
US
Vietnam

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Pennsylvania 19355

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F +1 484 913 0301

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