MATRIX
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Remediation, Water Treatment and Environmental Engineering
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September 9, 2025

Ms. Megan Kuczka
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
700 Delaware Avenue
Buffalo, New York 14209

Re: **2024 – 2025 Periodic Review Report; Revised**
Pierce Arrow Business Center
155-157 Chandler Street
Buffalo, New York 14207
NYSDEC BCP Site #C915312
METI Project #22-068

Dear Ms. Kuczka:

Please find attached the 2024-2025 Period Review Report (PRR) and IC/EC certification for the Pierce Arrow Business Center BCP Site (NYSDEC Site #C915312) located at 155-157 Chandler Street in Buffalo, New York. The PRR was prepared in accordance with Section 7.2 of the Site Management Plan on behalf of R&M Leasing LLC.

Should you have any questions or require any additional information, please contact METI at 716-662-0745.

Sincerely,
Matrix Environmental Technologies Inc.

Mary M. Szustak
Project Manager

Christine M. Curtis, P.E.
Senior Engineer

Attachments

cc: R. Termini (R&M Leasing LLC)
J. Rothschild (R&M Leasing LLC)

PERIODIC REVIEW REPORT

July 9, 2024 – July 9, 2025

Pierce Arrow Business Center
155-157 Chandler Street
Buffalo, New York 14207

NYSDEC BCP Site Number: C915312

Prepared by:

MATRIX
Environmental Technologies Inc.
PO Box 427
3730 California Road
Orchard Park, NY 14127

August 8, 2025
Revised September 9, 2025

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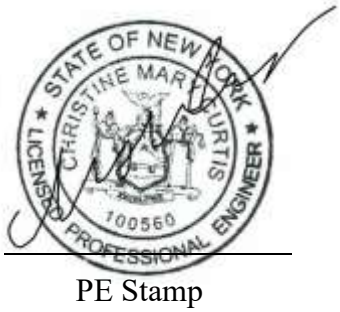
Certifications

For each institutional or engineering control identified for the Site, I certify that all of the following statements are true:

- The inspection of the site to confirm the effectiveness of the institutional and engineering controls required by the remedial program was performed under my direction;
- The institutional control and/or engineering control employed at this site is unchanged from the date the control was put in place, in accordance with DER-10[1];
- Nothing has occurred that would impair the ability of the control to protect the public health and environment;
- Nothing has occurred that would constitute a violation or failure to comply with any Site Management Plan for this control;
- Access to the Site will continue to be provided to DER to evaluate the remedy, including access to evaluate the continued maintenance of this control;
- Use of the site is compliant with the environmental easement;
- The engineering control systems SSDS-1, SSDS-2, SSDS-3, SSDS-4, and SSDS-5 are performing as designed and are effective;
- To the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program and generally accepted engineering practices;
- No new information has come to the remedial party (site owners') attention, including groundwater monitoring data from wells located at the Site boundary, if any, to indicate that the assumptions made in the qualitative exposure assessment of off-Site contamination are no longer valid; and
- The information presented in this report is accurate and complete.

I certify that all information and statements in this certification form are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law. I, Christine M. Curtis, P.E., of Matrix Environmental Technologies Inc., 3730 California Road, Orchard Park, NY 14127, am certifying as Owner's/Remedial Party's Designated Site Representative.



PE Stamp	Signature	08/08/25
		Date

[1] "DER-10/Technical Guidance for Site Investigation and Remediation" prepared by New York State Department of Environmental Conservation (NYSDEC), dated May 3, 2020

1.0 SITE OVERVIEW

1.1 Site Summary

The Pierce Arrow Business Center Property ("Site") consists of two contiguous parcels totaling approximately 2.35 acres located at 155-157 Chandler Street in the City of Buffalo, Erie County, New York. The Site location and boundaries are provided in Figure 1 and Figure 2. The 155 Chandler parcel consists of an approximate 65,000-square foot building which surrounds a large 22,000-square foot courtyard located within the central area of the building. The 157 Chandler parcel consists of an approximate 0.39-acre parking lot area. The Site is zoned D-C Flex Commercial, which permits residential, retail and service, and light industrial uses. Currently, Site use is mixed commercial and residential. The neighborhood surrounding the Site primarily includes light industrial, commercial, and residential properties.

1.2 Site Remedial History

The Site building was originally constructed in 1907 and utilized as a gas manufacturing factory occupied by Linde Air Products until the early 1950s. Bell Aircraft Corp. occupied the Site in the early-to-mid 1950s. In 1958 the Site was purchased by Donald Rosen and occupied by G & R Machinery, a machine shop, from 1959 through 1990. Donald Rosen was succeeded as owner by Irving Rosen from 1990 to 2005. The Site was purchased by Ontario Equipment Co. in 2005, and by R&M Leasing, LLC in February 2017.

A Brownfield Cleanup Agreement (BCA)[2] was executed on April 24, 2017 for the Site. An amendment to the BCA was later executed on September 21, 2017[3]. Remedial investigation (RI) activities were completed concurrently with interim remedial measure (IRM) activities, in accordance with an approved RI/IRM Work Plan[4]. A series of IRM work tasks were completed at the Site in order to remediate the on-Site concerns as detailed in the Final Remedial Investigation-Interim Remedial Measures-Alternative Analysis Report (RIIRM/AAR)[5] and Final Engineering Report (FER)[6]. RI/IRM work tasks completed at the Site included the following:

- excavation and removal of contaminant source areas, including soil contaminated with polychlorinated bi-phenyls (PCBs), metals, and polycyclic aromatic hydrocarbons (PAHs) and asbestos-containing material (ACM);
- removal of a 2,000-gallon underground storage tank (UST) and associated piping and petroleum-contaminated soil;

2 Brownfield Cleanup Agreement for the Pierce Arrow Business Center Site, executed between NYSDEC and R & M Leasing LLC and Signature Development WNY LLC, April 24, 2017. BCA Index No. C915312-02-17.
3 Brownfield Cleanup Agreement Amendment for C915312, executed September 21, 2017. The amendment removed Signature Development WNY LLC, from the application, making R & M Leasing LLC the sole applicant.
4 Remedial Investigation-Interim Remedial Measures-Alternative Analysis Work Plan; Brownfield Cleanup Program For Pierce Arrow Business Center; 155-157 Chandler, Buffalo, New York, 14207; BCP # C915312", prepared by Hazard Evaluations, Inc., and Schenne & Associates, November 11, 2016 – Revised May 22, 2017.
5 "Final Remedial Investigation-Interim Remedial Measures-Alternative Analysis Report; Brownfield Cleanup Program For Pierce Arrow Business Center; 155-157 Chandler, Buffalo, New York, 14207; BCP # C915312", prepared by Hazard Evaluations, Inc., and Schenne & Associates, December 5, 2017.
6 "Final Engineering Report; Brownfield Cleanup Program for Pierce Arrow Business Center, 155-157 Chandler, Buffalo, New York 14207; BCP # C915312" prepared by Hazard Evaluations, Inc., and Schenne & Associates, December 2017.

- cleanup of a 10,000-gallon aboveground storage tank (AST) vault containing sand and brick materials contaminated with PCBs and underlying fuel-oil contaminated soil;
- excavation and removal of a concrete sewer drain, pit areas, and impacted soil surrounding the pits;
- removal of soil/fill material contaminated with lead from the parking lot of the 157 Chandler Street parcel;
- excavation and disposal of soils contaminated with metals, PAHs, and PCBs below the building's subfloor to support utility installations for development; and,
- disposal of concrete flooring, drums, waste containers, and radium dial gauges from the building interior.

An initial soil vapor intrusion (SVI) assessment was completed in September 2017 as part of the RI. Vapor intrusion air samples were analyzed from five sub-slab (SS) locations and six ambient indoor air (IA) locations throughout the building, as well as one ambient outdoor air (OA) location. Trichloroethene (TCE) was detected in three of the sub-slab samples and four of the indoor air samples. The decision matrices from the updated New York State Department of Health (NYSDOH) SVI guidance indicated mitigation was needed. As a result of the assessment, four individual sub-slab depressurization (SSD) systems were installed in the southwestern portion of the site as shown in Figure 3.

A Certificate of Completion (COC) was issued for the Site on December 27, 2017[7].

In 2022 a second SVI assessment was completed due to TCE detections in indoor air at the location of IA-6 in the north central portion of the Site. Co-located vapor intrusion samples were analyzed from seven sub-slab locations and seven indoor air locations throughout the north central portion of the building, as well as one outdoor air location. TCE was detected in six of the sub-slab samples, tetrachloroethene (PCE) was detected in two sub-slab locations, and carbon tetrachloride was detected in six sub-slab locations. Elevated concentrations of TCE, PCE and carbon tetrachloride were also detected in the corresponding indoor air samples. The NYSDOH decision matrices indicated mitigation was needed. As a result of the assessment, a fifth SSD system was installed. Additional details on system installation and start up are detailed in the SSDS Final Design Report and [Draft] Operation & Maintenance Plan (SSDS FDR and O&M Plan) included in the 2023-2024 PRR. The SSD system location within the north central portion of the building is illustrated in Figure 4.

1.3 Description of Selected Remedy

Based on the results of the remedial investigations and IRMs completed at the Site, the Department selected No Further Action as the remedy for the site as described in the Site Decision Document (DD).[8] The No Further Action remedy required continued operation of the four vapor mitigation systems and the implementation of institutional controls (ICs) and engineering controls (ECs). The following are the components of the selected remedy:

7 New York State Department of Environmental Conservation, "Certificate of Completion for the Pierce Arrow Business Center", dated December 27, 2017

8 "Decision Document, Pierce Arrow Business Center, Brownfield Cleanup Program, Buffalo, Erie County, Site No: C915312, December 2017" prepared by NYSDEC, dated December 19, 2017.

- Installation of SSD systems at four interior locations to prevent potential soil vapor intrusion into indoor air;
- Execution and recording of an environmental easement to allow use and development of the Site for restricted residential use as defined by Part 375-1.8(g) and to restrict the use of groundwater at the site;
- Development and implementation of an SMP for long term management of remaining contamination as required by the environmental easement, which includes plans for ICs, ECs, monitoring, operation and maintenance, and reporting; and
- Periodic certification of the ICs and ECs listed above.

2.0 PROGRAM METHODOLOGY

2.1 Description of Institutional and Engineering Controls

ICs and ECs for the Site are required to protect human health and the environment. These controls are put in place to ensure that the remediation goals are achieved and maintained throughout time. Each control is routinely monitored in accordance with procedures set forth in the SMP for the Site. The following is a list of ICs and ECs as outlined in the NYSDEC-approved SMP. The completed Institutional and Engineering Controls Certification Form for the 2024 – 2025 reporting period is provided Attachment A.

2.1.1 Institutional Controls

- The property may be used for restricted residential, commercial, and/or industrial uses;
- All ECs must be operated and maintained as specified in the SMP;
- All ECs must be inspected at a frequency and in a manner defined in the SMP;
- The use of groundwater underlying the property is prohibited without necessary water quality treatment as determined by the NYSDOH or the Erie County Department of Health to render it safe for use as drinking water or for industrial purposes, and the user must first notify and obtain written approval to do so from the Department;
- Environmental and/or public health monitoring must be performed as defined in the SMP;
- Data and information pertinent to Site management must be reported at the frequency and in a manner as defined in the SMP;
- All future activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
- Monitoring to assess the performance and effectiveness of the remedy must be performed as defined in the SMP;
- Operation, maintenance, monitoring, inspection, and reporting of any mechanical or physical component of the remedy shall be performed as defined in the SMP;
- Access to the Site must be provided to agents, employees or other representatives of the State of New York with reasonable prior notice to the property owner to assure compliance with the restrictions identified by the Environmental Easement;
- The potential for vapor intrusion must be evaluated for any buildings developed in the area within the IC boundaries noted on Figure 2, and any potential impacts that are identified must be monitored or mitigated; and

– Vegetable gardens and farming on the Site are prohibited.

2.1.2 Engineering Controls

– In 2017, four SSD systems comprised of single extraction points and individual mitigation fans were installed in the southwestern portion of the Site. The system objectives and performance goals include the following elements:
  - Reduce and maintain indoor air concentrations to levels below the NYSDOH Soil Vapor Guidance Document Matrix A;
  - Maintain a minimum of 0.25 inches of water column (W.C.) in the four SSD systems, measured by the U-tube manometer located prior to the mitigation fan above the finished floor, to limit vapors from entering the building's indoor air while also releasing the trapped vapor beneath the slab; and,
  - Demonstrate system effectiveness while maintaining continuous operation of the SSD systems, with no significant non-operating time.

– In late 2023, a fifth SSD system comprised of three permanent vapor extraction points and a 3.5 hp blower was installed throughout the northcentral portion of the Site. The system objectives and performance goals include the following elements:
  - Reduce and maintain indoor air concentrations to levels below the NYSDOH Soil Vapor Guidance Document Matrix A;
  - Mitigate potential vapor migration into the affected areas by maintaining a negative pressure of at least 0.002 inches W.C. in the sub-slab, measured at specific monitoring points (MPs);
  - Demonstrate an applied zone of influence in the area of each vapor extraction point; and
  - Demonstrate system effectiveness while maintaining continuous operation of the SSD system, with no significant non-operating time.

The operation of the components of the remedy will continue until the remedial objectives have been achieved, or until the NYSDEC determines that continued operation is technically impracticable or not feasible.

2.1.3 Criteria for Completion of Remediation / Termination of Remedial Status

Based on the implementation and results of the IRM, contamination at the Site no longer poses a threat to human health or the environment. To this regard the DD selected "no further action" as the Site remedy. This generally means that the remedial process is considered complete. However, the following should be noted:

– The SSD systems will not be discontinued unless prior written approval from NYSDEC and New York State Department of Health (NYSDOH) is granted.

2.2 Monitoring and Sampling Requirements

The Monitoring and Sampling Plan included in the SMP and SSDS FDR and O&M Plan includes the following:

– Site-wide inspection performed a minimum of once per year, as noted in SMP.

- Evaluate the potential for soil vapor intrusion for any buildings developed on the Site, including provisions for mitigation of any impacts identified.
- Monitoring of the four (4) original SSD systems (SSDS-1, SSDS-2, SSDS-3, and SSDS-4) including the following:
  - Annual visual inspection of the complete system conducted during each monitoring event. SSD system components are to be monitored including, but not limited to, fans and general system piping.
  - Annual indoor air sampling at the IA-6 location for a minimum of three years.
- Monitoring and sampling for SSDS-5 including the following:
  - Initial Operation & Maintenance (O&M) checks completed on a weekly basis for the first month of system operation, monthly for the following two months, and on a quarterly basis thereafter.
  - Routine monitoring will include the identification and repair of any leaks, operational status checks of the blower, documentation of manifold settings and vacuum at each vapor extraction point, and documentation of vacuum at each monitoring point.
  - Pre-carbon and post-carbon air sample collected on a monthly basis for the initial three months of system operation and on a quarterly basis thereafter for the first year of system operation at a minimum.
  - Confirmation indoor air sampling during the heating season.
  - Annual indoor air sampling at the IA-10/IA-11 and IA-12 locations for a minimum of three years.
  - Non-routine monitoring, including carbon changeouts, will be completed as necessary.

2.3 SSD Systems Sampling and Operation and Maintenance

SSDS-1 through SSDS-4 were installed to mitigate potential vapor migration into the facility by maintaining a negative pressure of at least 0.25 inches W.C. in the sub-slab of four target areas. These locations were selected based on elevated sub-slab vapor and/or indoor air sampling results detected during remedial investigations completed in September 2017. SSDS-5 was installed to mitigate potential vapor migration into the facility by maintaining a negative pressure of at least 0.002 inches W.C. in the sub-slab of two target areas: the subgrade basement storage area and the former Blackbird Cidery suite, which is now occupied by Buffalo Comedy Collective. The treatment areas are shown in Figures 3 through 5. These locations were selected based on elevated sub-slab vapor and/or indoor air sampling results detected during investigations completed in March 2022 and June 2022.

SSDS-1 through SSDS-4 use a RadonAway fan to apply vacuum to a single vapor extraction point or suction point installed in the building floor slab. The primary system components of each SSD system include the extraction well, extraction piping equipped with U-Tube manometers, and a mitigation fan. Each point is connected to a 20-linear foot extraction trench comprised of 4-inch perforated pipe. Each of the fans is equipped with a dedicated (air-flow) alarm system, which is mounted to the system piping to alert users of a low or no flow condition. In the event that a fan loses power or vacuum, an audible alarm with a blinking LED light will notify the tenant/property manager that the system is down. Performance of SSDS-1 through SSDS-4 is evaluated using vacuum data collected from the U-tube manometers installed in each treatment area. System profile views are included as Figure 6A.

SSDS-5 uses a regenerative blower to apply vacuum to vapor extraction points installed throughout the building floor slab. The primary system components of SSDS-5 include the extraction wells, extraction piping equipped with vacuum gauges and ball valves, a blower, and vapor phase carbon treatment. The system also includes a dedicated audible alarm installed on February 3, 2025 to alert users of a low or no flow condition. Performance of the SSDS-5 is evaluated using vacuum data collected from the vapor extraction wells and permanent monitoring points installed in each treatment area. System profile views are included as Figure 6B, process and instrumentation diagrams are included as Figure 7, and a profile view of the system layout is included as Figure 8. A summary of the system(s) operating in each target treatment area is included in the table below:

Table 2.1: SSD Systems Summary

SSD System	Activation Date	Extraction Points	Equipment	Method of Air Treatment
SSDS-1	November 2017	SSDS-1 EX	Soler & Palau (S&P) PRF-100	None
SSDS-2	November 2017	SSDS-2 EX	Soler & Palau (S&P) PRF-100	None
SSDS-3	November 2017	SSDS-3 EX	Soler & Palau (S&P) PRF-100	None
SSDS-4	November 2017	SSDS-4 EX	Soler & Palau (S&P) PRF-100	None
SSDS-5	June 2024	EX-1, EX-2R, EX-3	GAST R6335A-3.5HP blower	Vapor-phase granular activated carbon (GAC)

Systems start-up activities are detailed in the *Final Engineering Report* (December 2017, Hazard Evaluations, Inc. and Schenne & Associates) and the *Sub-Slab Depressurization System Final Design Report and [Draft] Operation & Maintenance Plan* (November 1, 2024, METI), respectively. Results of subsequent systems inspections and monitoring and maintenance activities are discussed in Section 3.1 below.

To assess the efficacy of SSDS-5, soil vapor intrusion samples were collected in January 2025. Air samples were collected in laboratory-supplied Summa Canisters over an 8-hour period and submitted for analysis of VOCs via USEPA Air Method TO-15 following all appropriate sample handling and chain-of-custody procedures. Air analytical data was compared to the background levels listed in NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York[13], including "Table 3.1: Air guideline values derived by the NYSDOH" and "Table C2 USEPA 2001: BASE database." A summary of the detected indoor concentrations compared to both NYSDOH criteria is included in Table 1. Air sample locations are presented on Figure 4. The results are discussed in Section 3.3 below.

Weekly O&M visits for SSDS-5 were conducted throughout the first month of system operation, followed by monthly for the next two months, then quarterly beginning in October 2024 as described in Section 2.2 above. Readings collected during monthly and quarterly Site inspections are presented in Table 2. During the current 2024-2025 monitoring period, quarterly pre- and post-carbon samples

were collected from SSDS-5 and submitted for analysis of VOCs via USEPA Method TO-15. Pre- and post-carbon sampling analytical data from system start-up are presented in Table 3 and are discussed in Section 3.2 below. Full laboratory analytical reports are provided in Attachment B.

2.4 Waste Disposal

The GAC in the vessel associated with SSDS-5 was replaced on August 21, 2024 and February 3, 2025. A characterization sample was collected from the spent carbon and submitted to Alpha Analytical, an ELAP-certified lab, for analysis of Toxic Characteristic Leaching Procedure (TCLP) VOCs as requested by American Recyclers Company (ARC) Tonawanda, NY facility. Two drums of spent carbon are currently staged on-site pending transport by Environmental Service Group (ESG) to ARC. Waste profile X-27059L along with the associated Alpha laboratory analytical report is included in Attachment C.

2.5 Data Usability Summary

The analytical data from the air samples collected in January 2025 were submitted to Vali-Data of WNY, LLC, located in Fulton, New York, for third-party data validation. The data usability summary report (DUSR) is included in Attachment D. The DUSR was prepared using guidance from the USEPA Region 2 Validation Standard Operating Procedures, USEPA National Functional Guidelines for Data Review, and professional judgement. Air samples were collected as described above and evaluated as described below:

Ambient Air Samples January 2025 – Alpha Analytical SDG L2502472 - The results for seven indoor air samples, one blind duplicate, and one outdoor air sample were processed for VOCs. In general, the samples were noted to be either usable or with minor qualifications. However, the following items were noted:

- VOCs data are acceptable for use except where qualified in laboratory control samples, compound quantitation, initial calibration, continuing calibration and canister certification blanks.
- IA-8 (011425), IA-10/IA-11 (011425), IA-12 (011425), and IA-13 (011425) were diluted due to high target analyte concentrations.
- Acetone was outside QC limits in a laboratory control sample and should be qualified in the OA-2 (011425) and IA-6 (011425).
- The pressure of the canister was 0 in. Hg upon receipt by the lab for samples OA-2 (011425) and IA-6 (011425). All target analytes in these samples should be qualified as estimated.
- t-Butyl alcohol and ethyl acetate were outside QC limits in the initial calibrations and/or the initial calibration verifications and should be qualified as estimated in IA-6 (011425) DUPLICATE, IA-7 (011425), and IA-8 (011425).
- Acetone was outside QC limits in the continuing calibrations and should be qualified as estimated in OA-2 (011425), IA-6 (011425), IA-9 (011425), IA-10/IA-11 (011425), IA-12 (011425), and IA-13 (011425).
- t-Butyl alcohol were outside QC limits in the continuing calibrations and should be qualified as estimated in OA-2 (011425) and IA-6 (011425).
- 3-Chloropropene were outside QC limits in the continuing calibrations and should be qualified as estimated in IA-6 (011425) DUPLICATE, IA-7 (011425), and IA-8 (011425).

– Trichloroethene was detected in a batch canister and should be qualified in IA-6 (011425), IA-7 (011425), and IA-9 (011425).

2.6 Electronic Data Deliverables

As required by NYSDEC, ambient air data has been submitted electronically to the NYSDEC EQuIS system. Confirmation emails of successful data submission are provided in Attachment D.

3.0 MONITORING SUMMARY

3.1 SSD Systems Monitoring

As outlined in the SSDS FDR and O&M Plan, SSDS-5 post-installation maintenance and monitoring was completed on a weekly basis for the first month of system operation, followed by monthly for the next two months, then quarterly for the remainder of the reporting period. As outlined in the SMP, SSDS-1, SSDS-2, SSDS-3, and SSDS-4 were monitored annually. The annual EC inspection was completed by METI on January 13, 2025. A summary of the SSDS status, monitoring data, and any significant non-routine maintenance operations completed during the reporting period is provided below.

3.1.1 SSDS 5

The SSDS-5 system includes a 3.5 HP GAST R6335A regenerative blower operating on three extraction wells. The system began operating on June 11, 2024 and was fully operational during the annual Site inspection in 2025.

The regenerative blower is currently operating at 24-55 inches W.C. corresponding to flow rates of approximately 117-169 CFM. Vacuum readings in the extraction wells ranged from 13-55 inches W.C.

Vacuum readings in the vapor monitoring points MP-1R, MP-2, MP-3 and MP-4 generally exceed the minimum 0.002 inches W.C. with the exception of MP-1 in June 2024 and April 2025. As expected, MP-5 and MP-6 did not exhibit any vacuum, with the exception of MP-6 in October 2024, as these points were installed a considerable distance away from the vapor extraction points at locations where the newer tile flooring installed within the former Cidery was not located.

Pre-carbon photoionization detector (PID) readings were zero or negligible (approximately 1 ppm or lower) over the reporting period. Analytical results of influent (pre-carbon) air samples collected on a quarterly basis indicate that contaminant concentrations have correspondingly declined, with total target chlorinated VOC (cVOC) concentrations decreasing by over 42% by July 2025 as compared to baseline levels recorded in February 2024:

Table 3.1: Pre-Carbon Total Target cVOC* Concentrations (µg/m^3)

Date	Pre-Carbon	Percent Decrease
02/08/24	*404.4*	-
03/12/24	315.1	22.1%
04/11/24	353.2	12.7%
07/09/24	309.7	23.4%
10/23/24	267.7	33.8%
01/13/25	222.4	45.0%
04/02/25	194.1	52.0%
07/23/25	232.6	42.5%

*1,1,1-Trichloroethane, 1,1-Dichloroethene, Carbon tetrachloride, cis-1,2-Dichloroethene, Methylene chloride, Tetrachloroethene, Trichloroethene, Vinyl chloride

PID readings collected from the system effluent (post-carbon) have remained zero or negligible since June 2024 and correlate with analytical results of post-carbon air samples indicating that VOC concentrations are removed to mitigate nuisance characteristics prior to discharge.

The GAC was replaced on August 21, 2024 and February 3, 2025. The spent carbon was placed in 55-gallon drums and is currently pending transport for disposal. To date, two carbon changeouts have been completed since system activation. In February 2025 coal-based carbon was used in lieu of coconut-based carbon as used previously due to product availability.

Pre- and post-carbon samples were collected with laboratory-supplied Tedlar bags and influent and effluent PID readings were recorded during quarterly system checks. All samples were submitted to Alpha Analytical for analysis of VOCs via USEPA Method TO-15. The results of the pre- and post-carbon air sampling are presented in Table 3, with emission rate calculations provided in Tables 4A-4E. Carbon treatment consists of a 55-gallon carbon treatment drum with the sole purpose of mitigating against any potential nuisance odors in accordance with 6 NYCRR Part 212. Carbon treatment is not required for emissions, as contaminant concentrations are well below any applicable emissions limits.

As shown on Table 3, a number of VOC parameters were detected within both the pre- and post-carbon air samples collected. Target cVOCS, the primary contaminants of concern at the Site, exhibited a 91.5%, 54.3%, and 94.0% decrease post-carbon treatment in October 2024, January 2025, and April 2025, respectively. Petroleum contaminants included on the updated NYSDOH Soil Vapor/Indoor Air matrices[9] were reported in both the pre- and post-carbon air samples at low concentrations, with some post-carbon concentrations higher than the reported pre-carbon concentrations. Such results may be the result of low influent concentrations which can impact the removal efficiency of the carbon. Target cVOCS exhibited a 3.77% decrease post carbon treatment in July 2025, indicating that a carbon changeout is warranted.

SSDS-5 was 100% functional during the 2024-2025 certifying period with no maintenance

[9] In February 2024, NYSDOH added three new Soil Vapor/Indoor Air decision matrices for petroleum related compounds to the NYSDOH SVI Guidance document as Matrix D (benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and *o*-xylene), Matrix E (*m*,*p*-xylene, heptane, and hexane), and Matrix F (toluene).

performed. Pre- and post-carbon sampling will continue through 2025 on a quarterly basis. The need for future system checks and pre- and post-carbon air sampling will be reevaluated in 2026 based on sampling results.

3.1.2 SSDS 1, SSDS 2, SSDS 3, and SSDS 4

SSDS-1, SSDS-2, SSDS-3, and SSDS-4 each include a Soler & Palau (S&P) PRF-100 radon fan operating on a single extraction well. The SSD systems originally began operating in November 2017. At the time of the annual Site inspection on January 13, 2025, all fans were fully operational, and the target vacuum of 0.25 inches WC was achieved at all fan locations. No alarms or periods of non-operation were reported by building maintenance during the reporting period.

3.2 Indoor Air Sampling Results

During the January 13, 2025 annual air sampling event, seven indoor samples and one outdoor air sample were collected at locations IA-6 through IA-13 and OA-2 to assess if the SSD systems were operating properly as designed. Air samples were collected over an 8-hour period and were submitted for VOCs analysis via USEPA method TO-15. Air sample locations from the January 2025 sampling event are shown in Figure 4, with a comparison of pre- and post-mitigation indoor air contaminant concentrations for IA-6 through IA-13 summarized on Table 1. Full laboratory analytical reports are included in Attachment B. Historical indoor air analytical results for the IA-6 location are summarized on Table 5; historical indoor air analytical results for IA-1 through IA-5 can be found in previous PRRs. Field notes and the building inventory for the sampling event are included in Attachment E.

As presented in Table 1, numerous VOC parameters were detected within the six indoor air samples and one outdoor air sample. Most compounds were detected at concentrations below their respective NYSDOH Air Guideline Values (AGV) and USEPA commercial indoor and outdoor background levels. The following results were noted:

- Carbon tetrachloride was detected in all seven indoor air samples collected from locations IA-6 through IA-13 at concentrations below its respective guidance values. Carbon tetrachloride was also detected in the outdoor air sample OA-2.

- TCE was detected in six indoor air samples collected from locations IA-6 through IA-8 and IA-10/IA-11through IA-13 at concentrations below its respective guidance values. TCE was not detected in IA-9 or the outdoor air sample OA-2.

- PCE was detected at the IA-13 location only at concentrations below its respective guidance value.

- 1,1,1-trichloroethane, 1,1-dichloroethene, cis-1,2-dichloroethene, methylene chloride, and vinyl chloride were not detected in any of the indoor or outdoor sample locations.

- All petroleum related matrix compounds were reported at concentrations below respective guidance values at all indoor and outdoor air locations.

3.3 Annual Inspection

On January 13, 2025 a Site-wide inspection was completed to ensure the SSD systems were operating effectively prior to the completion of indoor air sampling the following day. Copies of the Site-wide inspection report with photographs and field notes are included in Attachment E. At the time of the inspection, normal business operations were occurring at ODL; meanwhile, the rest of the facilities on site were not operating. The following was noted during the SSD system inspection:

- The five SSD systems appeared to be functioning properly at the time of the inspection, as negative pressure differential readings ranged from 0.5 to 1 inches W.C. in the SSDS-1 through SSDS-4 systems and from 17 to 19 inches W.C. in the extraction wells associated with SSDS-5. As expected, the target vacuum influence of 0.002 inches W.C. was not achieved in MP-5 and MP-6 due to their distance from the nearest extraction point.

- During the annual Site-wide inspection, no cracks or deterioration was noted in the concrete floor slabs in the vicinity of the various SSD systems. All of the floor spans in these areas were installed during site development and consist of new concrete sealed with epoxy coating.

- No evidence of leaks in the fans or system piping was observed.

4.0 CONCLUSIONS AND RECOMMENDATIONS

Operation and maintenance of the SSD systems has been completed in accordance with the SMP, SSD Start-up Report and O&M Plan, and the SSDS FDR and O&M Report. In general, all components of the Site Management Plan have been met during the current monitoring and reporting period. The five SSD systems continue to function properly as designed to mitigate soil vapor intrusion in areas of the building where the SSD systems are located. The SSD systems were 100% operational during the current certifying periods and no maintenance was preformed. At the request of NYSDEC and NYSDOH, an audible alarm was installed on SSDS-5 on February 3, 2025.

Vacuum data collected from the fans and blower, vapor extraction points, and vapor monitoring points indicate that the target vacuum influence is generally achieved with the exception of two vapor monitoring points, MP-5 and MP-6, located over 50 feet from the nearest extraction point. Concentrations of target cVOCs, the primary contaminants of concern at the Site, are continuing to decline in the SSDS-5 system influent and are being removed to levels acceptable for discharge via carbon filtration. A carbon changeout is scheduled to be completed during the 3rd quarter of 2025.

As illustrated on Table 1, indoor air concentrations in the ODL Basement Storage Area and Buffalo Comedy Collective (former Blackbird Cidery) are significantly reduced as a result of SSDS-5 operation, with all concentrations of contaminants below the NYSDOH AGVs. Sample locations include those located in the vicinity of MP-5 and MP-6 (IA-7 and IA-9).

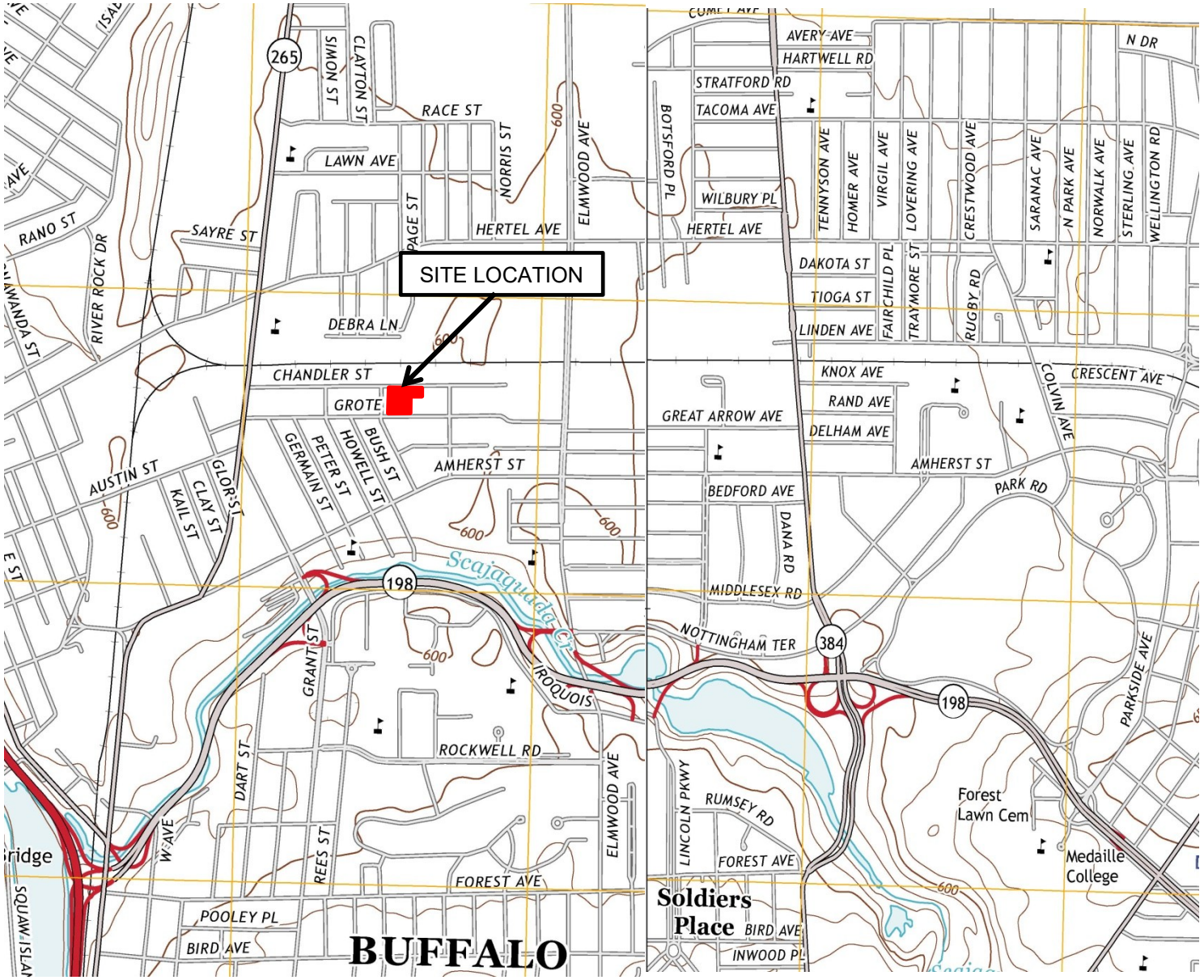
With consideration of Section 4.4: Operation Maintenance and Monitoring of Mitigation Systems of the NYSDOH SVI Guidance document, it is recommended that sampling at IA-7, IA-8, IA-9, and IA-13 be discontinued as these locations have presented two years of post-installation data below guidance values. It is also recommended that annual air sampling be discontinued at the IA-6 location

as this location has also presented two years of compliant post-installation data, and the area of impact in the north central portion of the building has been delineated with numerous sub-slab samples. IA-10/IA-11 and IA-12 will be sampled on an annual basis for a minimum of three years as was recommended in Section 4.0 of the SMP and Table 4.3-2 for the original indoor air monitoring locations. If future sampling events at the IA-10/IA-11and IA-12 locations present exceedances of the NYSDOH criteria, follow up sampling will be completed at IA-6, IA-7, IA-8, IA-9, and IA-13. No other changes to the SMP or O&M Plans are recommended at this time.

No maintenance needs were identified during the annual Site-wide inspection. Additionally, site management reported no change in Site use or groundwater use and no excavations were completed. The SSD systems are operating in full compliance with the O&M Plans.

As per the August 23, 2023 Sub-Slab Depressurization System Installation Work Plan, quarterly pre- and post-carbon sampling was required for the first year of system operation with OM&M system checks. It is recommended that this schedule continue for the 2025-2026 reporting period, at which time the frequency of carbon sampling and O&M system checks will be reevaluated. The requirements for Site closure have not yet been met, and no changes to the frequency of PRR submittals are recommended at this time.

FIGURES



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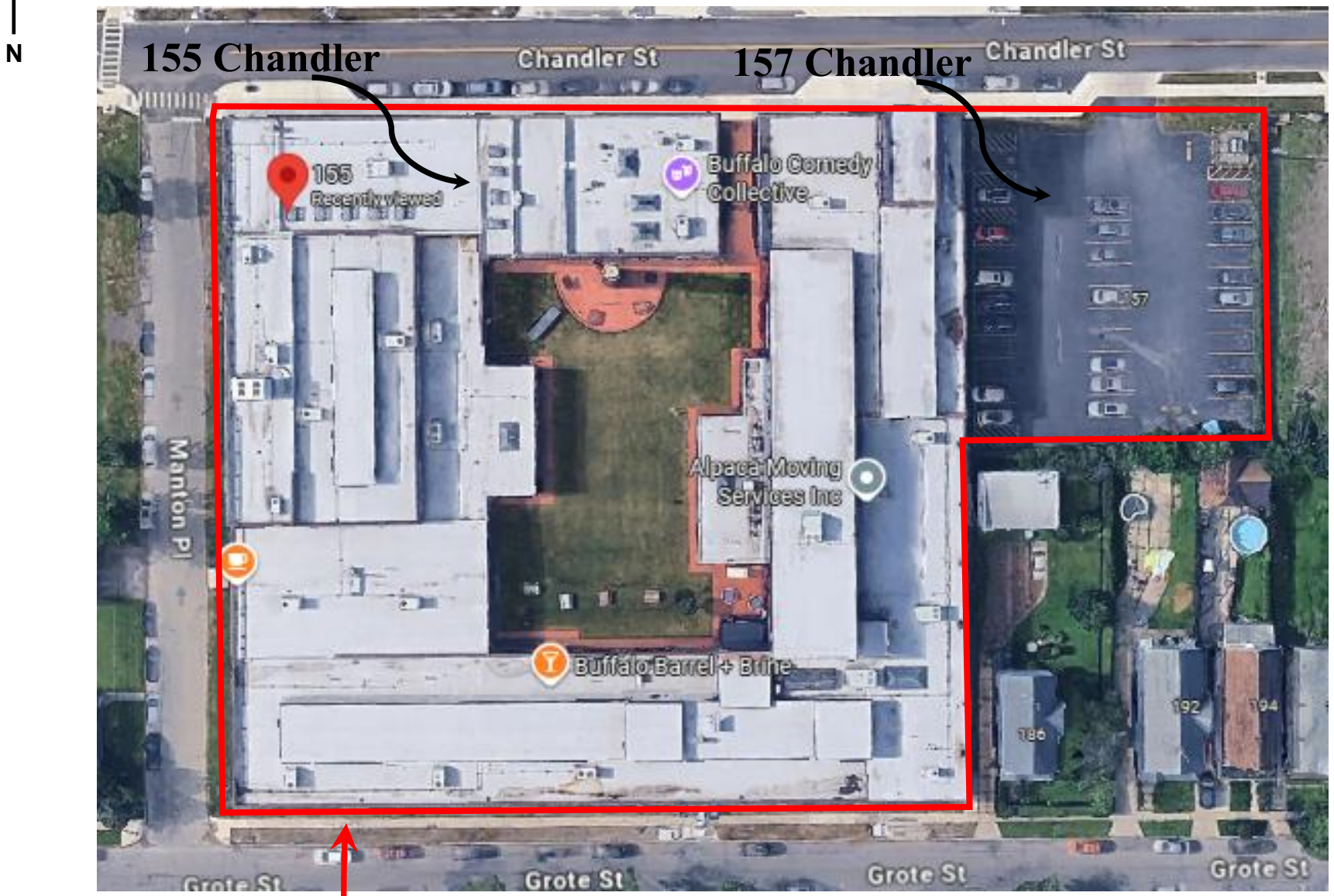
AND WAS ADAPTED FROM USGS, BUFFALO NE & NW, NEW YORK 2013 QUADRANGLE

MATRIX ENVIRONMENAL TECHNOLOGIES INC.		
SITE LOCATION MAP 155 & 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MS	SCALE: NOT TO SCALE	PROJECT: 22.068
CHECKED BY: CC	DATE: 04/2025	FIGURE NO: 1



MATRIX ENVIRONMENTAL TECHNOLOGIES INC.		
BCP BOUNDARY LIMITS 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MS	SCALE: NOT TO SCALE	PROJECT: 22.068
CHECKED BY: CC	DATE: 08/2025	FIGURE NO: 2

LEGEND

- SSDS-5 VAPOR EXTRACTION POINT (GROUND LEVEL)
- SSDS-5 VAPOR EXTRACTION POINT (BASEMENT LEVEL)
- VAPOR EXTRACTION POINT (3" RISER, 20' INFILTRATION TRENCH, S&P PRF-100 FAN)

S E W N

SSDS-4 SSDS-3 SSDS-2 SSDS-1 EX-1 EX-2R EX-3

UTILANT MEZZANINE U000 4,100 SF

UTILANT MAIN FLOOR U000 25,610 SF (31,716 TOTAL SF)

MEZZANINE ABOVE

STAMPED CONCRETE

GRASS

2 MEZZANINE LEVEL FINISH PLAN
SCALE: 3/32" = 1'-0"

3 MEZZANINE LEVEL FINISH PLAN
SCALE: 3/32" = 1'-0"

4 BASEMENT LEVEL FINISH PLAN
SCALE: 3/32" = 1'-0"

5 MEZZANINE LEVEL FINISH PLAN
SCALE: 3/32" = 1'-0"

T LEVEL FINISH PLAN
/32" = 1'-0"

STATE OF NEW YORK
CHRISTINE MARIE DRTHS
LICENSED PROFESSIONAL ENGINEER
100560

30 years dedicated to a CLEANER ENVIRONMENT 1991-2021

PREPARED BY:

MATRIX ENVIRONMENTAL TECHNOLOGIES INC.
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P.O. Box 427
Orchard Park, NY 14127-0427
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www.matrixbiotech.com

PREPARED FOR:

R&M LEASING, LLC
BUFFALO, NY

PROJECT MGR: M. SZUSTAK

DESIGNED BY:

REVIEWED BY: S. CARTER

DRAWN BY: C. CURTIS

REVISION	
BY	DATE
CMC	8/7/25

SCALE IN FEET: 1" = 20'
0 20

PROJECT NAME / LOCATION:

155 CHANDLER STREET
BUFFALO, NEW YORK

NYSDEC SITE NUMBER:
C915312

TITLE:

SSD SYSTEMS LAYOUT

DATE:

PROJECT NO.: 22-068

FIGURE: 3

LEGEND

- BASEMENT AREA BELOW MEZZANINE
- BASEMENT CLOSED-OFF AREA
- SSDS-5 TARGET TREATMENT AREA
- VAPOR EXTRACTION POINT (GROUND LEVEL)
- VAPOR EXTRACTION POINT (BASEMENT LEVEL)
- VAPOR MONITORING POINT
- DECOMMISSIONED VAPOR EXTRACTION POINT
- VAPOR MONITORING POINT (TEMPORARY/DECOMMISSIONED)
- AIR MONITORING LOCATION

S E W N

MEN'S RESTROOM
WOMEN'S RESTROOM
TILE
ENTRY
CON
CLOSET
OFFICE
IA-9
MP-6
TASTING ROOM
FORMER CIDERY BAR AREA
WD-1
BAR
CLOSET
CARBON VESSEL MANIFOLD
EX-1
MP-3
UP
IA12
DN
MP-2
MP-1R
MP-1
EX-2R
EX-2
IA13
ELEVATOR LOBBY
ELEVATOR
MACHINE ROOM
STORAGE
IA-7
MP-5
ELECTRICAL
CORRIDOR
IA-6
FORMER CIDERY ADDITIONAL SEATING AREA
MP-7 (temp.)
IA-8
FORMER CIDERY EVENT AREA
EX-3
IA-10/IA-11
MP-4
OA-2
BELOW

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DESIGNED BY: C. CURTIS
REVIEWED BY: S. CARTER
DRAWN BY: C. CURTIS

REVISION	
BY	DATE
CMC	8/7/25

SCALE IN FEET: 1" = 8'
0 8

PROJECT NAME / LOCATION:

155 CHANDLER STREET
BUFFALO, NEW YORK

NYSDEC SITE NUMBER:
C915312

TITLE:

INDOOR AIR MONITORING LOCATIONS

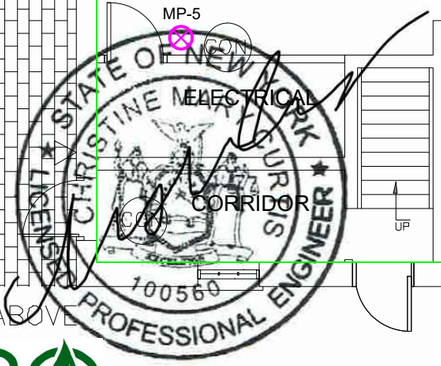
DATE: JANUARY 14, 2025
PROJECT NO.: 22-068
FIGURE: 4

LEGEND

- BASEMENT AREA BELOW MEZZANINE
- BASEMENT CLOSED-OFF AREA
- SSDS-5 TARGET TREATMENT AREA
- VAPOR EXTRACTION POINT (GROUND LEVEL)
- VAPOR EXTRACTION POINT (BASEMENT LEVEL)
- VAPOR MONITORING POINT
- DECOMMISSIONED VAPOR EXTRACTION POINT
- VAPOR MONITORING POINT (TEMPORARY/DECOMMISSIONED)
- SSD SYSTEM PROCESS PIPING (GROUND/BASEMENT LEVEL)

S E W N

MEN'S RESTROOM
WOMEN'S RESTROOM
TILE
ENTRY
CON
CLOSET
OFFICE
MP-6
TASTING ROOM
FORMER CIDERY BAR AREA
WD-1
BAR
CLOSET
CARBON VESSEL
MANIFOLD
MP-3
UP
EX-1
MP-2
MP-1R
MP-1
EX-2R
EX-2
DN
ELEVATOR LOBBY
ELEVATOR
MACHINE ROOM
STORAGE
FORMER CIDERY ADDITIONAL SEATING AREA
FORMER CIDERY EVENT AREA
MP-5
ELECTRICAL
CORRIDOR
MP-7 (temp.)
EX-3
MP-4
BELOW



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BUFFALO, NY

PROJECT MGR: M. SZUSTAK

DESIGNED BY: C. CURTIS

REVIEWED BY: S. CARTER

DRAWN BY: C. CURTIS

REVISION	
BY	DATE
CMC	7/19/24

SCALE IN FEET: 1" = 8'

0 8

PROJECT NAME / LOCATION:

155 CHANDLER STREET
BUFFALO, NEW YORK

NYSDEC SITE NUMBER: C915312

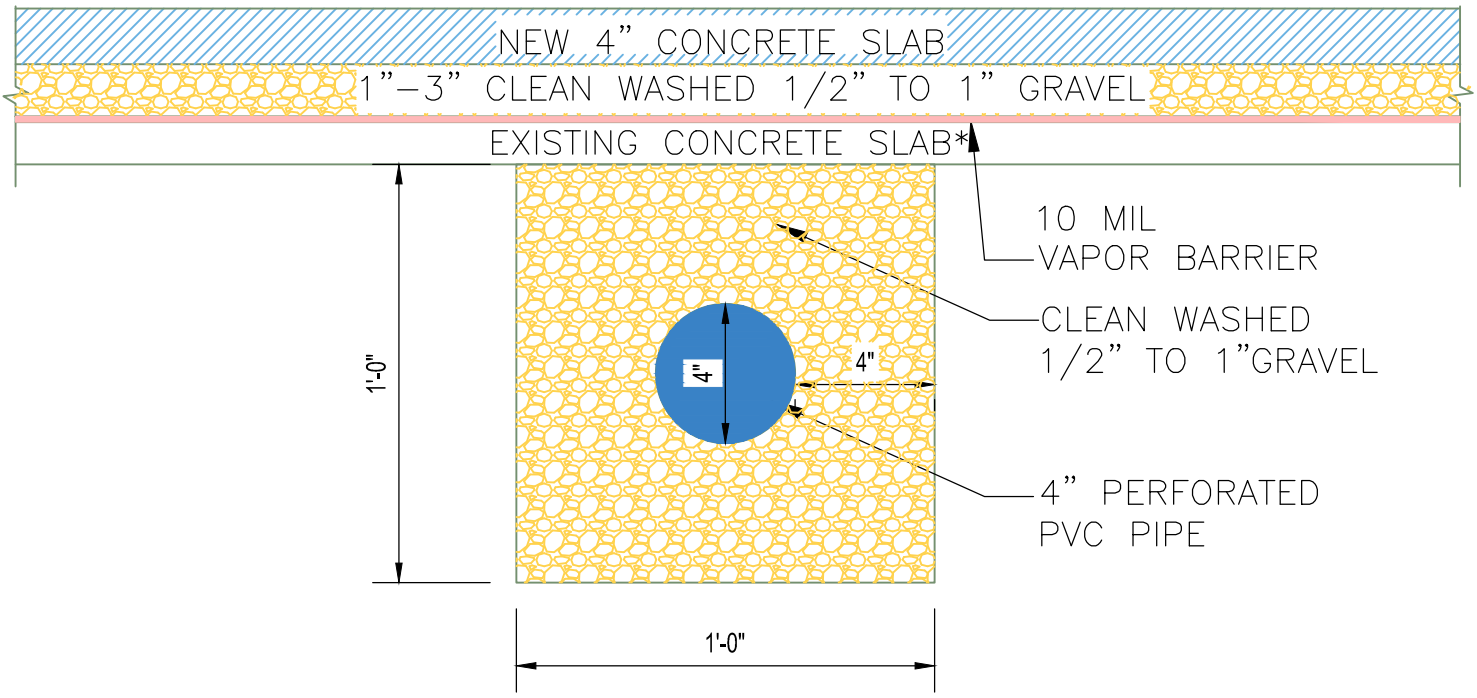
TITLE:

SSDS-5
SYSTEM LAYOUT
AND PIPING DIAGRAM

DATE:

PROJECT NO.: 22-068

FIGURE: 5

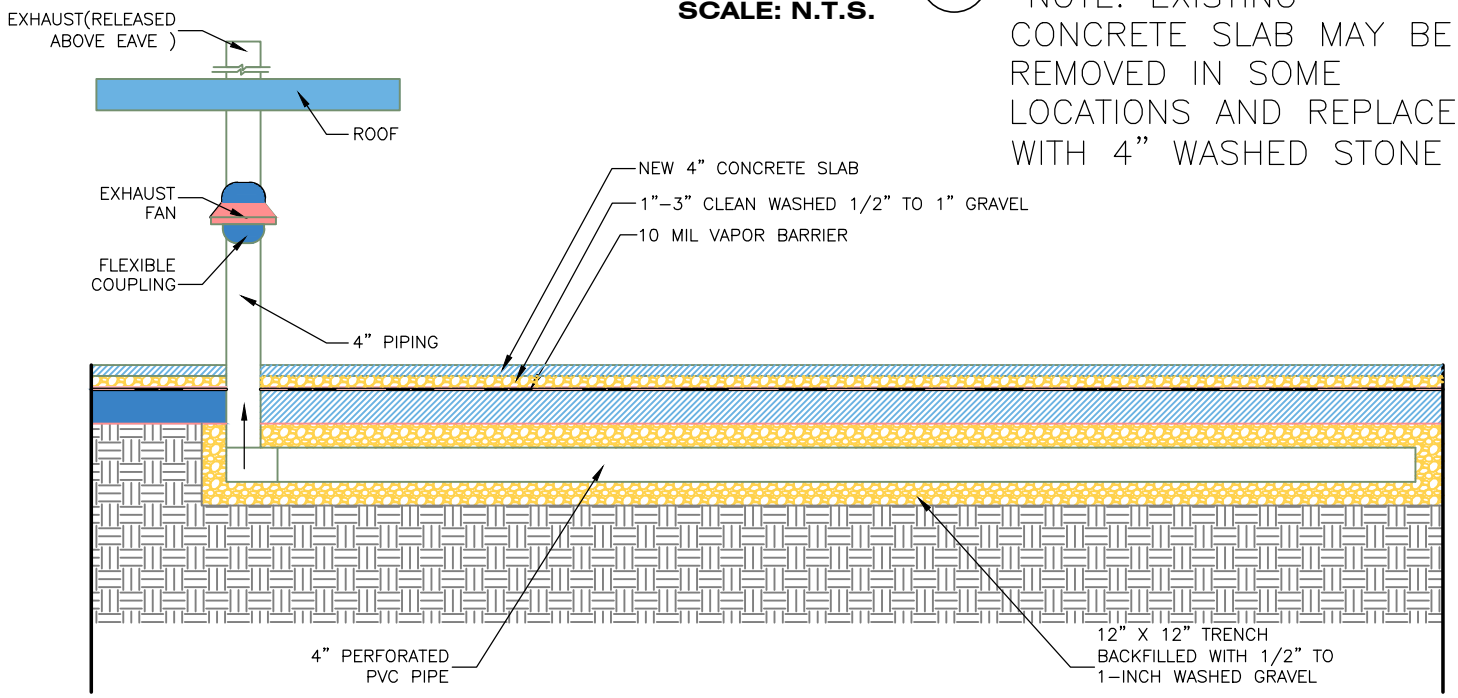


TYPICAL CROSS-SECTION OF SSDS TRENCH AND PIPING

1 SK-1

SCALE: N.T.S.

*NOTE: EXISTING CONCRETE SLAB MAY BE REMOVED IN SOME LOCATIONS AND REPLACED WITH 4" WASHED STONE



TYPICAL SSDS TRENCH PROFILE

2 SK-1

SCALE: N.T.S.

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FIGURE 6A - Sub-Slab Mitigation Design
SSDS-1 through SSDS-4

SCHENNE & ASSOCIATES
CONSULTING ENGINEERS
391 Washington Street Suite 800
Buffalo, NY 14203
(716) 655-4991 JOHN@SCHENNE.COM

OWNER
166 CHANDLER HOLDINGS LLC
391 WASHINGTON ST,
SUITE 800
BUFFALO NY

PROJECT
PIERCE ARROW BUSINESS PARK
155 CHANDLER ST
BUFFALO NY

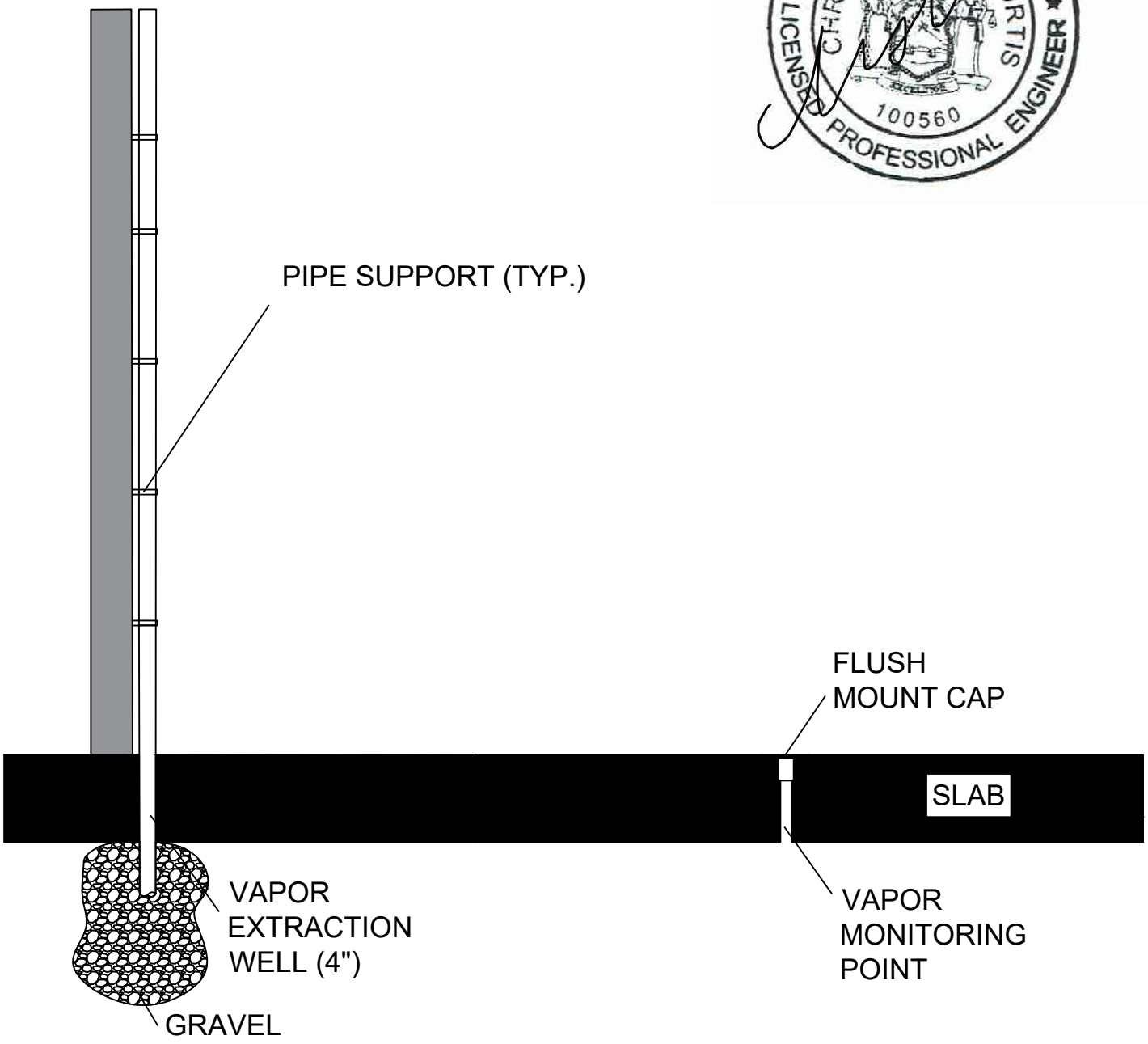
JOB:17-1725 DRAWN BY WX

SUB-SLAB MITIGATION DESIGN

DWG. SK-7

SCALE: AS NOTED

DATE: 12/05/2017



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CHRISTINE MARIE CURTIS
100560
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PREPARED FOR:
R&M LEASING, LLC
BUFFALO, NY

PROJECT MGR: MMS
DESIGNED BY: CMC
REVIEWED BY: SRC
DRAWN BY: CMC

PROJECT NAME / LOCATION:
155 CHANDLER STREET
BUFFALO. NEW YORK
NYSDEC SITE NO. C915312

TITLE:
SSDS-5 VAPOR EXTRACTION POINT AND MONITORING POINT DETAIL

DATE:

REVISION	
BY	DATE
CMC	10/31/24

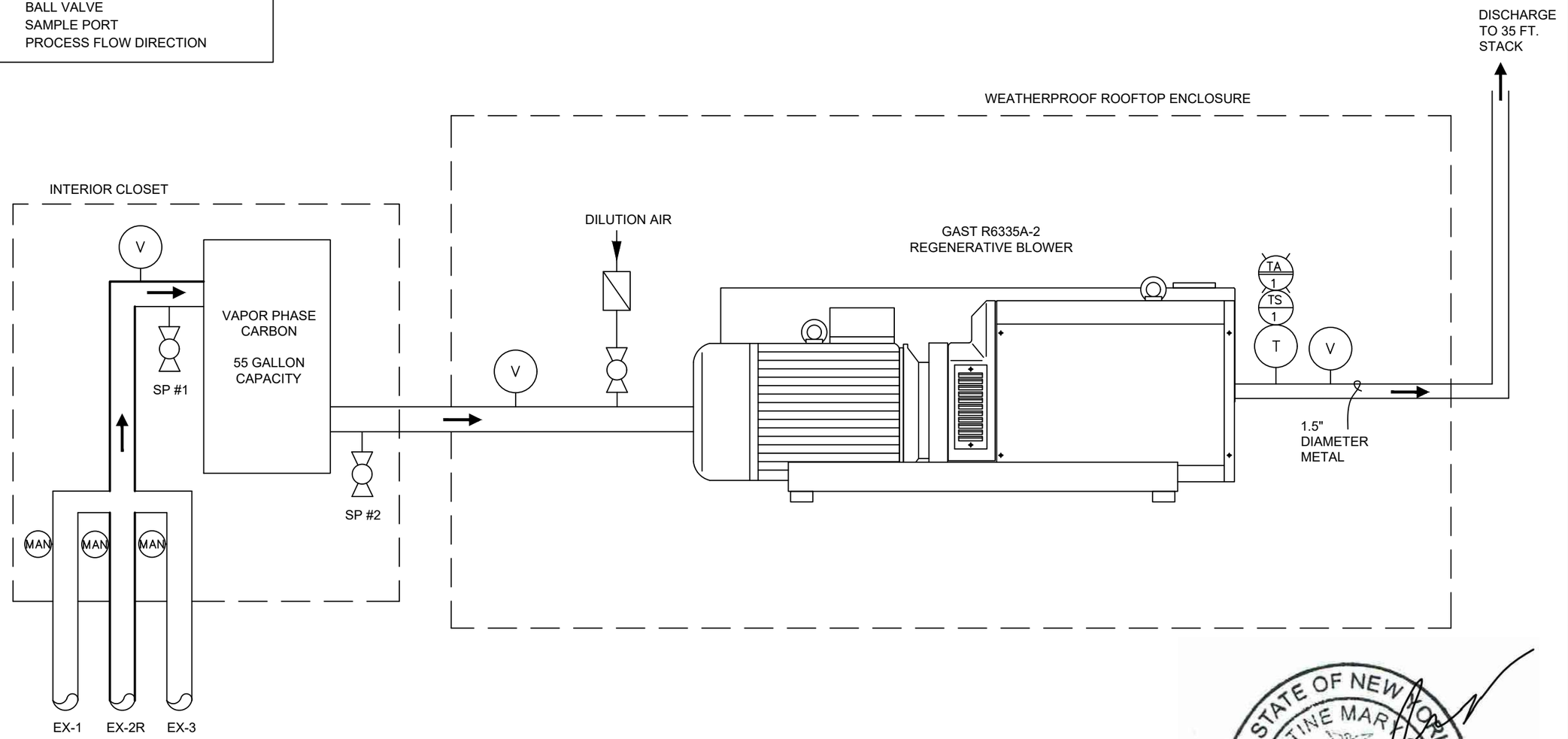
SCALE IN FEET: N/A
0

PROJECT NO.: 22-068
FIGURE: 6B

30 years dedicated to a CLEANER ENVIRONMENT 1991-2021

LEGEND

- V — VACUUM GAUGE
- MAN — MANOMETER
- T — TEMPERATURE GAUGE
- TA / TS / 1 — TEMPERATURE ALARM/SWTICH
- BALL VALVE
- SP #1 — SAMPLE PORT
- PROCESS FLOW DIRECTION



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DESIGNED BY: C. CURTIS

REVIEWED BY: S. CARTER

DRAWN BY: C. CURTIS

REVISION	
BY	DATE
CMC	10/30/24

SCALE IN FEET: N/A

0

PROJECT NAME / LOCATION:

155 CHANDLER STREET
BUFFALO, NEW YORK

NYSDEC SITE NUMBER:
C915312

TITLE:

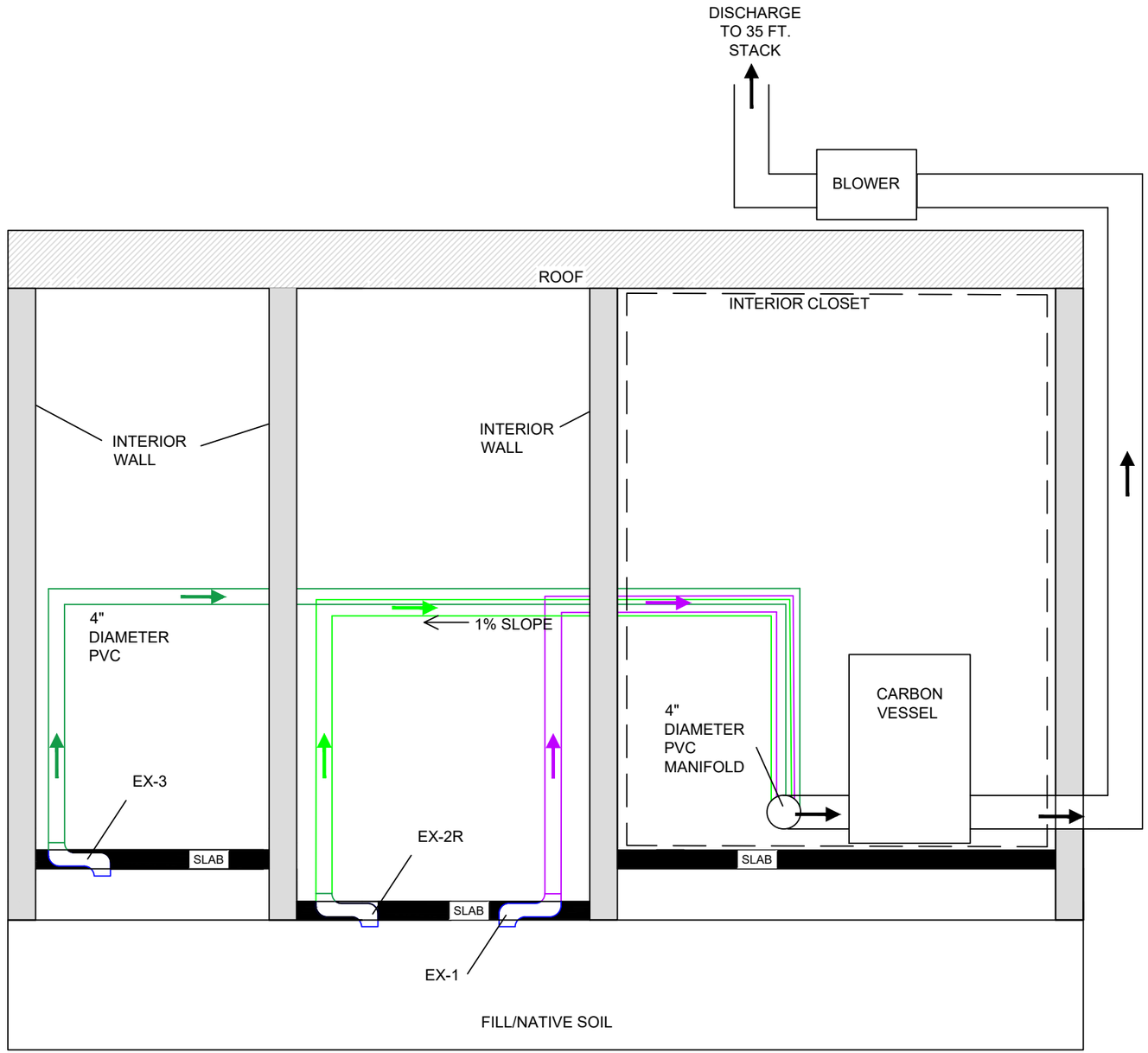
SSDS-5 PROCESS AND INSTRUMENTATION DIAGRAM

DATE:

PROJECT NO.: 22-068

FIGURE: 7

30 years dedicated to a CLEANER ENVIRONMENT 1991-2021



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M. SZUSTAK

DESIGNED BY:
C. CURTIS

REVIEWED BY:
S. CARTER

DRAWN BY:
C. CURTIS

REVISION

BY	DATE
CMC	10/31/24

SCALE IN FEET: N/A
0

PROJECT NAME / LOCATION:

155 CHANDLER STREET
BUFFALO, NEW YORK

NYSDEC SITE NUMBER:
C915312

TITLE:

SSDS-5 SYSTEM LAYOUT - PROFILE VIEW

DATE:

PROJECT NO.:
22-068

FIGURE:
8

30 years dedicated to a CLEANER ENVIRONMENT 1991-2021

TABLES

Table 1
SSDS-5 Pre and Post Mitigation Indoor Air Analytical Testing Results
Pierce Arrow Business Center
155 Chandler Street, Buffalo, NY

	Guidance Values - Indoor Air															
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Air Guideline Value	IA-6 (120221)	IA-6 (121922)	IA-6 (010924)	IA-6 (010924) Duplicate	IA-6 (011425)	IA-6 (011425) Duplicate	IA-7 (120221)	IA-7 (032922)	IA-7 (010924)	IA-7 (011425)	IA-8 (120221)	IA-8 (061422)	IA-8 (010924)	IA-8 (011425)
SAMPLING DATE			12/2/2021	12/19/2022	1/9/2024	1/9/2024	1/14/2025	1/14/2025	12/2/2021	3/29/2022	1/9/2024	1/14/2025	12/2/2021	6/14/2022	1/9/2024	1/14/2025
LAB SAMPLE ID			L2166417-08	L2271489-07	L2401917-02	L2401917-03	L2502472-02	L2502472-03	L2166417-06	L2217738-06	L2401917-04	L2502472-04	L2166417-07	L2231846-09	L2401917-05	L2502472-05
SAMPLE LOCATION			Mail Room (Unoccupied)						Former Cidery Storage Closet				Former Cidery Additional Seating Area			
Volatile Organics in Air (ug/m3)																
1,1,1-Trichloroethane*	20.6	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
1,1-Dichloroethene*	<1.4	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *
1,2,4-Trimethylbenzene	9.5	NV	ND	1.13	ND	ND	1.04 J	ND	1.07	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	3.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2,4-Trimethylpentane	NV	NV	ND	2.47	3.69	4.01	3.47 J	3.05	1.44	ND	ND	ND	1.47	ND	ND	ND
2-Butanone	12	NV	ND	ND	ND	1.59	1.6 J	ND	ND	2.01	1.63	ND	ND	ND	1.81	ND
2-Hexanone	NV	NV	ND	ND	ND	ND	ND	0.877	ND	ND	ND	ND	ND	ND	ND	ND
Acetone	98.9	NV	20.1 J	54.6	8.48	13.9	20.2 JH	14.1	152	65.6 J	11.4	72	123	13.8	8.36	123
Benzene	9.4	NV	ND	1.73	1.08	1.17	0.738 J	0.642	1.34	ND	ND	ND	1.41	ND	ND	ND
Carbon disulfide	4.2	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride*	<1.3	NV	0.484 J*	0.761 *	0.478 *	0.478 *	0.415 *J	0.453 *	1.01 *	3.96 *	0.522 *	0.478 *	0.90 *	0.453 *	0.516 *	0.44 *
Chloroform	1.1	NV	ND	ND	ND	ND	ND	ND	ND	1.41	ND	ND	ND	ND	ND	ND
Chloromethane	3.7	NV	1.12 J	1.48	1.18	1.33	1.46 J	1.16	1.32	1.24	1.26	1.17	1.24	1.19	1.2	1.29
cis-1,2-Dichloroethene*	<1.9	NV	ND *	0.167 *	ND *	ND *	ND *	ND *	0.412 *	0.369 *	ND *	ND *	0.369 *	ND *	ND *	ND *
Cyclohexane	NV	NV	ND	1.57	1.87 J	2.18 J	1.22 J	1	ND	1.48	ND J	ND	1.57	ND	ND J	ND
Dichlorodifluoromethane	16.5	NV	2.53 J	2.46	2.47	2.52	2.46 J	2.82	2.64	2.69	2.58	2.82	2.71	2.54	2.6	2.89
Ethanol	210	NV	117 J	122	54.8	65	60.3 J	ND	874	232	73.7	48.2	820	53.9	82.5	107
Ethyl Acetate	5.4	NV	ND	ND	ND J	ND J	ND	ND	3.03	ND	ND J	ND	2.63	1.87	ND J	ND
Ethylbenzene	5.7	NV	ND	1.47	1.04	1.16	1.05 J	0.951	1.26	ND	ND	ND	1.15	ND	ND	ND
Heptane	NV	NV	ND	2.84	3.59	4.04	3.07 J	3.03	5	ND	ND	ND	2.73	ND	ND	ND
Isopropanol	250	NV	80.1 J	57	9.41	9.51	65.9 J	65.4	902 R1	371	12.6	501	733 R1	18.5	14.8	533 R1
Methylene chloride	10	60	ND	ND	ND	ND	ND	ND	3.72	ND	ND	ND	ND	ND	ND	ND
n-Hexane	10.2	NV	0.959 J	4.41	3.77	4.19	1.97 J	1.42	5.64	ND	ND	ND	5.85	2.18	ND	ND
Naphthalene	5.1	NV	NT	NT	NT	NT	ND	ND	NT	NT	NT	ND	NT	NT	NT	ND
o-Xylene	7.9	NV	ND	1.75	1.35	1.53	1.73 J	1.15	1.73	ND	ND	ND	1.6	ND	ND	ND
p/m-Xylene	22.2	NV	ND	5.08	3.73	4.11	4.78 J	3.2	5.04	ND	ND	ND	4.6	ND	ND	ND
Styrene	1.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene*	15.9	30	ND *	0.224 *	0.224 *	0.292 *	ND *	ND *	ND *	0.373 *	0.271 *	ND *	ND *	55.9 *	0.271 *	ND *
Tetrahydrofuran	NV	NV	ND	ND	1.53	1.73	ND	ND	ND	ND	2.91	ND	ND	1.53	3.24	ND
Toluene	43	NV	1.26 J	8.37	8.25	9.08	6.93 J	5.65	10.8	1.56	1.81	0.935	7.5	2.51	1.31	1.21
trans-1,2-Dichloroethene	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene*	4.2	2	1.73 J*	4.11 *	0.382 *	0.398 *	0.118 *JH	ND *	17.5 *	24.1 *	0.747 *	0.226 *JH	18 *	ND *	0.908 *	0.183 *
Trichlorofluoromethane	18.1	NV	1.28 J	1.2	1.39	1.45	1.2 J	1.16	1.44	1.31	1.43	1.42	1.37	1.15	1.43	1.35
Vinyl chloride*	<1.9	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *

Notes:

1. Compounds detected in one or more samples included in this table. For a list of all compounds, refer to analytical report.
2. Analytical testing for VOCs via TO-15 completed by Alpha Analytical.
3. Results present in ug/m^3 or microgram per cubic meter.
4. Samples were collected during an 8-hour sample duration.
5. 90th percentile values as presented in Table C2. EPA 2001: Building assessment and survey evaluation (BASE) database, SUMMS canister method (Appendix C, in the NYSDOH Guidance Manual).
6. Air Guidance Values from Table 3.1 Air guideline values derived by the NYSDOH included in the "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, prepared by New York State Department of Health and updated in May 2017 and February 2024.
7. Green shaded values represent exceedance of Table C2 commercial background levels; yellow shaded values represent exceedance of NYSDOH Air Guideline Values as updated.
8. ND = Non Detect; NV = No Background/Guideline Value; NT = Not Tested; R1 = Analytical results are from sample re-analysis due to original concentration of analyte exceeding the range of the calibration curve and/or linear range of the instrument; J = Estimated value; JH= Estimated high.
9. * Volatile Organics in Air by SIM
10. No appropriate guidance values apply to sub-slab air, therefore background guidance values from Table C2 and NYSDOH Air Guideline values from Table 3.1 are compared to indoor and outdoor air only.
11. RED = Updated as a result of Data Validation.

Table 1
SSDS-5 Pre and Post Mitigation Indoor Air Analytical Testing Results
Pierce Arrow Business Center
155 Chandler Street, Buffalo, NY

	Guidance Values - Indoor Air																			
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Air Guideline Value	IA-9 (032922)	IA-9 (010924)	IA-9 (011425)	IA-10 (032922)	IA-11 (061422)	IA-10/IA-11 (010924)	IA-10/IA-11 (011425)	IA-12 (061422)	IA-12 (010924)	IA-12 (011425)	IA-13 (061422)	IA-13 (011425)	OA-1 (120221)	OA-1 (032922)	OA-2 (061422)	OA-2 (010924)	OA-2 (011425)	Table C2 Commercial Outdoor Air Background (90%)
SAMPLING DATE			3/29/2022	1/9/2024	1/14/2025	3/29/2022	6/14/2022	1/9/2024	1/14/2025	6/14/2022	1/9/2024	1/14/2025	6/14/2022	1/14/2025	12/2/2021	3/29/2022	6/14/2022	1/9/2024	1/14/2025	
LAB SAMPLE ID			L2217738-03	L2401917-06	L2502472-06	L2217738-05	L2231846-04	L2401917-07	L2502472-07	L2231846-06	L2401917-08	L2502472-08	L2231846-08	L2502472-09	L216641 7-05	L2217738-01	L2231846-01	L2401917-01	L2502472-01	
SAMPLE LOCATION			Former Cidery Bar Area			Former Cidery Event Area				ODL Basement Storage			ODL Reception Area		Courtyard		Chandler St.			
Volatile Organics in Air (ug/m3)																				
1,1,1-Trichloroethane*	20.6	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	JH *	2.6
1,1-Dichloroethene*	<1.4	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	<1.4
1,2,4-Trimethylbenzene	9.5	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.8
1,3,5-Trimethylbenzene	3.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7
2,2,4-Trimethylpentane	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV
2-Butanone	12	NV	ND	ND	ND	ND	ND	2	ND	1.97	3.07	ND	1.82	ND	ND	ND	ND	ND	ND	11.3
2-Hexanone	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV
Acetone	98.9	NV	41.6 J	7.82	15.7 J	88.8 J	14.5	9.55	89.6 J	30.4	15.5	129 J	1750	525 J	7.79	3.52 J	7.98	8.81	6.27 JH	43.7
Benzene	9.4	NV	0.639	ND	ND	0.684	ND	0.668	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.6
Carbon disulfide	4.2	NV	ND	1.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7
Carbon tetrachloride*	<1.3	NV	8.05 *	0.516 *	0.528 *	5.13 *	0.371 *	0.572 *	0.497 *	0.459 *	0.554 *	0.572 *	0.447 *	0.629	0.528 *	0.566 *	0.447 *	0.497 *	0.421 *J	0.7
Chloroform	1.1	NV	2.94	ND	ND	1.82	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Chloromethane	3.7	NV	1.21	1.18	1.07	1.23	1.14	1.2	1.01	1.16	1.28	1.01	1.14	1.07	1.14	1.11	1.08	1.21	1.09 J	3.7
cis-1,2-Dichloroethene*	<1.9	NV	0.389 *	0.139 *	ND *	0.48 *	ND *	ND *	ND *	ND *	ND *	ND	ND *	ND *	ND *	ND *	ND *	ND *	ND *	<1.8
Cyclohexane	NV	NV	ND	ND J	ND	ND	ND	ND J	ND	ND	ND J	ND	ND	ND	ND	ND	ND	ND J	ND	NV
Dichlorodifluoromethane	16.5	NV	2.69	2.64	2.52	2.7	2.52	2.68	2.54	2.94	2.64	2.53	2.41	2.58	2.68	2.55	2.47	2.53	2.39 J	8.1
Ethanol	210	NV	209	96.3	42.4	144	56	72.9	109	72.9	86.7	30.7	186	62.4	13.8	ND	24.7	ND	ND	57
Ethyl Acetate	5.4	NV	ND	ND J	ND	1.99	2.46	ND J	ND	4.61	ND J	ND	3.31	ND	ND	ND	ND	ND J	ND	1.5
Ethylbenzene	5.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.5
Heptane	NV	NV	1.13	ND	ND	ND	ND	ND	ND	0.963	1.44	ND	1.8	0.91	ND	ND	ND	ND	ND	NV
Isopropanol	250	NV	237	13.4	113	543	13.4	15.7	760 R1	66.6	39.6	1480 R1	1490	9910 R1	6.64	3.79	6.69	ND	5.46 J	16.5
Methylene chloride	10	60	ND	ND	ND	ND	ND	ND	ND	2.34	ND	ND	ND	ND	4.24	ND	3.39	ND	ND	6.1
n-Hexane	10.2	NV	ND	ND	ND	ND	1.86	0.892	ND	2.71	ND	ND	1.43	ND	1.54	ND	2.03	ND	ND	6.4
Naphthalene	5.1	NV	NT	NT	ND	NT	NT	NT	ND	NT	NT	ND	NT	ND	NT	NT	NT	NT	ND	4.9
o-Xylene	7.9	NV	1.02	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.37	ND	ND	ND	ND	ND	ND	4.6
p/m-Xylene	22.2	NV	1.98	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.54	ND	ND	ND	ND	ND	ND	12.8
Styrene	1.9	NV	ND	ND	ND	ND	ND	ND	ND	2.14	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3
Tetrachloroethene*	15.9	30	0.61 *	0.373 *	ND *	0.305 *	147 *	0.739 *	ND *	34.6 *	0.264 *	ND *	0.149 *	0.468 *	ND *	ND *	ND *	0.224 *	ND *	6.5
Tetrahydrofuran	NV	NV	ND	2.59	ND	ND	2.93	3.8	ND	5.93	4.84	ND	1.83	1.56	ND	ND	ND	ND	ND	NV
Toluene	43	NV	1.38	1.21	ND	1.09	3.05	1.93	0.825	7.91	1.41	1.12	10.2	5.69	1.46	ND	6.44	1.27	ND	33.7
trans-1,2-Dichloroethene	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.952	ND	ND	ND	ND	ND	ND	NV
Trichloroethene*	4.2	2	25.5 *	0.828 *	ND *	39.2 *	ND *	1.14 *	0.188 *	0.989 *	1.56 *	0.183 *	0.247 *	0.398 *	0.124 *	ND *	ND *	ND *	ND *	1.3
Trichlorofluoromethane	18.1	NV	1.38	1.43	1.23	1.3	ND	1.45	1.22	1.28	1.44	ND	ND	1.24	1.34	1.18	ND	1.42	1.25 J	4.3
Vinyl chloride*	<1.9	NV	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	ND *	<1.8

Notes:

1. Compounds detected in one or more samples included in this table. For a list of all compounds, refer to analytical report.
2. Analytical testing for VOCs via TO-15 completed by Alpha Analytical.
3. Results present in ug/m^3 or microgram per cubic meter.
4. Samples were collected during an 8-hour sample duration.
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TABLE 2

SSDS-5 OPERATIONAL DATA SUMMARY

155-157 Chandler Street, Buffalo, New York

NYSDEC Site No. C915312

Date	Vacuum at Header (in W.C.)	Air Flow Rate (SCFM)	Pre-Carbon OVM Reading (ppm)	Post-Carbon OVM Reading (ppm)	Vacuum at Vapor Extraction Points (in W.C.)			Vacuum at Vapor Monitoring Points (in W.C.)						
					EX-1	EX-2R	EX-3	MP-1	MP-1R	MP-2	MP-3	MP-4	MP-5	MP-6
							Distance to nearest Extraction Point (ft.)	*7.1*	*5.5*	*6.7*	*15.4*	*17.4*	*59.0*	*54.3*
1/8/2024	35	150	NR	NR	31	31	30	**0.000**	**0.001**	5.979	24.00	0.334	**0.000**	**0.000**
3/5/2024	31	158	0.4	1.7	22.86	23.47	21.37	**0.000**	**0.000**	4.424	16.54	0.255	**0.000**	**0.000**
SYSTEM ACTIVATION 6/11/24														
6/11/2024	26	166	0	0	21.13	21.62	19.88	**0.000**	0.112	4.964	15.75	0.198	**0.000**	**0.000**
6/18/2024	25	168	0	0	20.47	20.89	19.05	0.012	0.126	5.007	15.69	0.209	**0.000**	**0.000**
6/25/2024	25	168	0	0.1	20.64	21.05	19.18	0.021	0.108	5.110	15.89	0.210	**0.000**	**0.000**
7/2/2024	25	168	0.9	0.3	51.94	52.85	48.33	0.013	0.108	5.515	16.12	0.207	**0.000**	**0.000**
7/9/2024	25	168	0.6	0.8	51.62	52.75	43.11	0.044	0.211	13.00	40.21	0.504	**0.000**	**0.000**
8/6/2024	34	152	0.8	0.8	54.11	55.09	50.26	0.033	0.084	14.47	42.06	0.049	**0.000**	**0.000**
9/6/2024	34	152	0.4	0.1	54.27	55.21	50.67	0.061	0.256	16.30	43.17	0.459	**0.000**	**0.000**
10/3/2024	27	165	0.0	0.0	22.23	22.62	20.69	0.020	0.080	7.07	17.27	0.184	**0.000**	0.007
1/13/2025	24	169	0.0	0.0	18.32	19.00	17.00	0.010	0.025	4.36	10.71	0.138	**0.000**	**0.000**
4/2/2025	33	154	0.0	0.0	29.00	16.00	13.00	**0.000**	0.006	2.89	8.60	0.122	**0.000**	**0.000**
7/23/2025	55	117	0.0	0.0	46.00	48.00	44.00	0.025	0.059	4.91	11.55	0.405	**0.000**	**0.000**

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NR = Not Recorded

Table 3
Summary of Pre & Post Carbon Air Analytical Testing Results SSDS-5
155 Chandler Street, Buffalo, NY

	February 2024 - L2407343		March 2024 - L2413547		April 2024 - L2419951		July 2024 - L2428431		8/21/2024	October 2024 - L2457404		January 2025 - L2501920		2/3/2025	April 2025 - L2519955		July 2025 - L2546325		8/11/2025
Parameter	**PRE CARBON (020824)**	**POST CARBON (020824)**	**PRE CARBON (031224)**	**POST CARBON (031224)**	**PRE CARBON (041124)**	**POST CARBON (041124)**	**PRE CARBON (070924)**	**POST CARBON (070924)**		**PRE CARBON (100324)**	**POST CARBON (100324)**	**PRE CARBON (011325)**	**POST CARBON (011325)**		**PRE CARBON (040225)**	**POST CARBON (040225)**	**PRE CARBON (072325)**	**POST CARBON (072325)**	
Volatile Organic Compounds (ug/m³)																			
1,1,1-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,1,2,2-Tetrachloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,1,2-Trichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,1-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,1-Dichloroethene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,2,4-Trichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,2,4-Trimethylbenzene	1.79	1.65	2.07	1.66	4.97	6	5.41	6.15		10.7	13.4	2.29	2.37		2.46	2.57	1.5	1.96	
1,2-Dibromoethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,2-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,2-Dichloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,2-Dichloropropane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,3,5-Trimethylbenzene	ND	ND	ND	ND	1.49	1.86	1.36	1.57		2.7	3.58	ND	ND		ND	ND	ND	ND	
1,3-Butadiene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,3-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,4-Dichlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
1,4-Dioxane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
2,2,4-Trimethylpentane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
2-Butanone	5.46	ND	2.07	ND	2.3	ND	1.95	1.7		4.19	ND	ND	ND		17	22	ND	ND	
2-Hexanone	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
3-Chloropropene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
4-Ethyltoluene	ND	ND	ND	ND	1.17	1.75	ND	1.37		1.93	2.67	ND	ND		ND	ND	ND	ND	
4-Methyl-2-pentanone	ND	ND	ND	ND	ND	ND	6.07	ND		5.82	2.24	3.3	2.7		ND	3.14	5.98	6.76	
Acetone	13	13.5	8.39	13.8	58.9	23.6	50.4	42.3		59.9	60.6	14.6	18.3		24	18.7	32.8	16.2	
Benzene	3.96	0.885	0.994	4.98	1.23	1.42	1.34	6.68		3.35	1.66	1.04	0.811		ND	ND	1.05	0.882	
Benzyl chloride	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Bromodichloromethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Bromoform	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Bromomethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Carbon disulfide	0.666	1.25	0.732	ND	1.07	1.0	3.02	3.89		3.64	5.39	0.922	1.87		0.666	0.726	1.42	1.23	
Carbon tetrachloride	20	ND	16	ND	22.8	1.37	19.3	28.4		11.9	11.5	11.5	13.5		15.9	10.3	16.3	17	
Chlorobenzene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Chloroethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Chloroform	7.86	ND	6.25	4.79	8.64	8.69	8.84	8.74		6.84	8.2	5.08	5.76		5.42	4.69	7.72	8.3	
Chloromethane	0.562	0.558	0.504	0.663	0.603	0.632	0.477	0.522		ND	ND	0.417	0.545		0.574	0.636	ND	ND	
cis-1,2-Dichloroethene	4.32	ND	3.67	3.71	5.79	5.51	3.56	4.24		3.7	3.51	2.18	2.3		1.55	1.31	2.59	2.18	
cis-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Cyclohexane	ND	ND	ND	ND	ND	ND	0.743	1.33		ND	0.73	ND	ND		ND	ND	ND	ND	
Dibromochloromethane	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Dichlorodifluoromethane	2.63	2.51	2.24	2.35	2.28	2.54	2.09	2.33		2.11	2.46	2.54	3.24		2.15	2.19	2.21	2.12	
Ethyl Alcohol	21.5	26.2	39.8	66.3	61	96.1	50.7	76.1		26.8	42	18	30.9		27.3	28.8	39.2	49.4	
Ethyl Acetate	25.3	16.2	38.9	34.5	40.7	38.2	ND	35.2		2.55	2.59	ND	ND		34.7	14.5	161	165	
Ethylbenzene	ND	ND	1.28	2.65	10.8	22.5	1.71	2.75		4.78	7.91	1.07	1.2		33.6	41.4	1.03	1.27	
Freon-113	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Freon-114	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Heptane	ND	ND	ND	1.16	ND	ND	ND	0.865		ND	ND	ND	ND		0.984	0.893	ND	ND	
Hexachlorobutadiene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
iso-Propyl Alcohol	9.66	21.3	4.33	7.15	232	40.1	156	246		312	516	66.1	70.8		71.3	132	146	136	
Methyl tert butyl ether	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Methylene chloride	4.2	ND	ND	ND	ND	2.73	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Naphthalene	NT	NT	NT	NT	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
n-Hexane	1.97	3.59	ND	ND	ND	ND	2.26	9.76		1.19	1.63	0.835	ND		2.54	18.5	ND	0.722	
o-Xylene	0.908	1.19	1.47	2.85	17.6	34.9	3.07	4.52		9.69	15.7	1.75	1.99		41	53.4	2.28	2.69	
p/m-Xylene	2.16	3.26	5.21	10.9	50.8	104	8.6	13.5		23.4	39.1	4.73	5.56		139	166	5	6.52	
Styrene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		1.7	2.53	ND	ND	
tert-Butyl Alcohol	NA	NA	ND	ND	ND	ND	2.24	ND		3.94	ND	ND	ND		ND	ND	ND	ND	
Tetrachloroethene	3.87	ND	1.45	ND	21.6	ND	2.85	ND		10.1	ND	4.68	6.85		1.66	ND	4.72	6.67	
Tetrahydrofuran	6.93	67.8	4.19	49	4.75	24.7	1.94	2.63		ND	1.68	ND	ND		3.04	2.39	ND	ND	
Toluene	2.76	2.29	4.15	7.99	4.33	7.12	6.22	11.9		9.53	17.6	3.39	2.76		10.6	12.3	6.52	7.76	
trans-1,2-Dichloroethene	ND	ND	ND	ND	0.88	ND	1.19	0.975		0.892	0.848	ND	ND		ND	ND	ND	ND	
trans-1,3-Dichloropropene	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Trichloroethene	372	ND	294	ND	303	ND	284	383		242	7.85	204	79		175	ND	209	198	
Trichlorofluoromethane	1.98	1.79	1.61	1.6	1.69	2.03	1.75	1.69		1.71	1.84	1.74	2.23		1.89	1.67	2.26	1.97	
Vinyl bromide	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Vinyl chloride	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND		ND	ND	ND	ND	
Total Target cVOCs	404.4	0	315.1	3.7	353.2	9.6	309.7	415.6		267.7	22.9	222.4	101.7		194.1	11.6	232.6	223.9	
Percent Decrease of CVOCs Pre to Post Carbon (%)	-100.00		-98.8		-97.3		34.2			-91.5		-54.3			-94.0		-3.8		
Percent Decrease of CVOCs From Baseline (2/2024 Pre)	NA		-22.1		-12.7		-23.4			-33.8		-45.0			-52.0		-42.5		

CARBON CHANGEOUT

Notes:
1. Compounds detected in one or more samples included in this table. For a list of all compounds, refer to analytical report in the Appendix.
2. Analytical testing for VOCs via TO-15 completed by Alpha Analytical.
3. Results present in ug/m³ or microgram per cubic meter.
4. Parameters shaded in red indicate chlorinated volatile organic compounds (cVOCs) of concern included on NYSDOH Matrix A, Matrix B, and Matrix C.
Parameters shaded in blue indicate petroleum VOCs included on NYSDOH Matrix D, Matrix E, and Matrix F.
5. Results in red indicate higher post-carbon readings over pre-carbon readings
6. ND = Non Detect; NT = Not Tested.

TABLE 4A
SSDS-5 PRE- AND POST-CARBON ANALYTICAL DATA SUMMARY AND EMISSIONS RATE CALCULATIONS
155-157 Chandler Street, Buffalo, New York
NYSDEC Site No. C915312

July 9, 2024

LOCATION	PRE-CARBON	POST-CARBON	Flow Rate (scfm)	Emission Rate (lb/hr)	Emission Rate (lb/yr)	Emission Limit (lb/yr)
Analyte	Concentration (ug/m3)	Concentration (ug/m3)				
1,2,4-Trimethylbenzene	5.41	6.15	168	3.87E-06	0.034	
1,3,5-Trimethylbenzene	1.36	1.57	168	9.88E-07	0.009	
2-Butanone	1.95	1.7	168	1.07E-06	0.009	
4-Ethyltoluene	ND	1.37	168	8.62E-07	0.008	
4-Methyl-2-pentanone	6.07	ND	168	0.00E+00	0.000	
Acetone	50.4	42.3	168	2.66E-05	0.233	
Benzene	1.34	6.68	168	4.21E-06	0.037	100
Carbon disulfide	3.02	3.89	168	2.45E-06	0.021	
Carbon tetrachloride	19.3	28.4	168	1.79E-05	0.157	100
Chloroform	8.84	8.74	168	5.50E-06	0.048	
Chloromethane	0.477	0.522	168	3.29E-07	0.003	
cis-1,2-Dichloroethene	3.56	4.24	168	2.67E-06	0.023	
Cyclohexane	0.743	1.33	168	8.37E-07	0.007	
Dichlorodifluoromethane	2.09	2.33	168	1.47E-06	0.013	
Ethanol	50.7	76.1	168	4.79E-05	0.420	
Ethyl Acetate	ND	35.2	168	2.22E-05	0.194	
Ethylbenzene	1.71	2.75	168	1.73E-06	0.015	
Heptane	ND	0.865	168	5.45E-07	0.005	
Isopropanol	156	246	168	1.55E-04	1.357	
n-Hexane	2.26	9.76	168	6.14E-06	0.054	
o-Xylene	3.07	4.52	168	2.85E-06	0.025	
p/m-Xylene	8.6	13.5	168	8.50E-06	0.074	
Tertiary butyl Alcohol	2.24	ND	168	0.00E+00	0.000	
Tetrachloroethene	2.85	ND	168	0.00E+00	0.000	1,000
Tetrahydrofuran	1.94	2.63	168	1.66E-06	0.015	
Toluene	6.22	11.9	168	7.49E-06	0.066	
trans-1,2-Dichloroethene	1.19	0.975	168	6.14E-07	0.005	
Trichloroethene	284	383	168	2.41E-04	2.112	500
Trichlorofluoromethane	1.75	1.69	168	1.06E-06	0.009	
TOTAL VOCs	*629.4*	*907.9*	*168*	*5.72E-04*	*5.007*	

NOTE: Only detected compounds are shown. For full list of analytes, refer to the laboratory analytical report.
ND = Non-Detect

TABLE 4B
SSDS-5 PRE- AND POST-CARBON ANALYTICAL DATA SUMMARY AND EMISSIONS RATE CALCULATIONS
155-157 Chandler Street, Buffalo, New York
NYSDEC Site No. C915312

October 3, 2024

LOCATION	PRE-CARBON	POST-CARBON	Flow Rate (scfm)	Emission Rate (lb/hr)	Emission Rate (lb/yr)	Emission Limit (lb/yr)
Analyte	Concentration (ug/m3)	Concentration (ug/m3)				
1,2,4-Trimethylbenzene	10.7	13.4	165	8.28E-06	0.073	
1,3,5-Trimethylbenzene	2.7	3.58	165	2.21E-06	0.019	
2-Butanone	4.19	ND	165	0.00E+00	0.000	
4-Ethyltoluene	1.93	2.67	165	1.65E-06	0.014	
4-Methyl-2-pentanone	5.82	2.24	165	1.38E-06	0.012	
Acetone	59.9	60.6	165	3.75E-05	0.328	
Benzene	3.35	1.66	165	1.03E-06	0.009	100
Carbon disulfide	3.64	5.39	165	3.33E-06	0.029	
Carbon tetrachloride	11.9	11.5	165	7.11E-06	0.062	100
Chloroform	6.84	8.2	165	5.07E-06	0.044	
cis-1,2-Dichloroethene	3.7	3.51	165	2.17E-06	0.019	
Cyclohexane	ND	0.73	165	4.51E-07	0.004	
Dichlorodifluoromethane	2.11	2.46	165	1.52E-06	0.013	
Ethanol	26.8	42	165	2.60E-05	0.227	
Ethyl Acetate	2.55	2.59	165	1.60E-06	0.014	
Ethylbenzene	4.78	7.91	165	4.89E-06	0.043	
Isopropanol	312	516	165	3.19E-04	2.795	
n-Hexane	1.19	1.63	165	1.01E-06	0.009	
o-Xylene	9.69	15.7	165	9.71E-06	0.085	
p/m-Xylene	23.4	39.1	165	2.42E-05	0.212	
tert-Butyl Alcohol	3.94	ND	165	0.00E+00	0.000	
Tetrachloroethene	10.1	ND	165	0.00E+00	0.000	1,000
Tetrahydrofuran	ND	1.68	165	1.04E-06	0.009	
Toluene	9.53	17.6	165	1.09E-05	0.095	
trans-1,2-Dichloroethene	0.892	0.848	165	5.24E-07	0.005	
Trichloroethene	242	7.85	165	4.85E-06	0.043	500
Trichlorofluoromethane	1.71	1.84	165	1.14E-06	0.010	
TOTAL VOCs	*765.4*	*770.7*	*165*	*4.77E-04*	*4.174*	

TABLE 4C
SSDS-5 PRE- AND POST-CARBON ANALYTICAL DATA SUMMARY AND EMISSIONS RATE CALCULATIONS
155-157 Chandler Street, Buffalo, New York
NYSDEC Site No. C915312

January 13, 2025

LOCATION	PRE-CARBON	POST-CARBON	Flow Rate (scfm)	Emission Rate (lb/hr)	Emission Rate (lb/yr)	Emission Limit (lb/yr)
Analyte	Concentration (ug/m3)	Concentration (ug/m3)				
1,2,4-Trimethylbenzene	2.29	2.37	169	1.50E-06	0.013	
4-Methyl-2-pentanone	3.3	2.7	169	1.71E-06	0.015	
Acetone	14.6	18.3	169	1.16E-05	0.102	
Benzene	1.04	0.811	169	5.14E-07	0.004	100
Carbon disulfide	0.922	1.87	169	1.18E-06	0.010	
Carbon tetrachloride	11.5	13.5	169	8.55E-06	0.075	100
Chloroform	5.08	5.76	169	3.65E-06	0.032	
Chloromethane	0.417	0.545	169	3.45E-07	0.003	
cis-1,2-Dichloroethene	2.18	2.3	169	1.46E-06	0.013	
Dichlorodifluoromethane	2.54	3.24	169	2.05E-06	0.018	
Ethanol	18	30.9	169	1.96E-05	0.171	
Ethylbenzene	1.07	1.2	169	7.60E-07	0.007	
Isopropanol	66.1	70.8	169	4.48E-05	0.393	
n-Hexane	0.835	ND	169	0.00E+00	0.000	
o-Xylene	1.75	1.99	169	1.26E-06	0.011	
p/m-Xylene	4.73	5.56	169	3.52E-06	0.031	
Tetrachloroethene	4.68	6.85	169	4.34E-06	0.038	1,000
Toluene	3.39	2.76	169	1.75E-06	0.015	
Trichloroethene	204	79	169	5.00E-05	0.438	500
Trichlorofluoromethane	1.74	2.23	169	1.41E-06	0.012	
TOTAL VOCs	*350.2*	*252.7*	*169*	*1.60E-04*	*1.402*	

TABLE 4D
SSDS-5 PRE- AND POST-CARBON ANALYTICAL DATA SUMMARY AND EMISSIONS RATE CALCULATIONS
155-157 Chandler Street, Buffalo, New York
NYSDEC Site No. C915312

April 2, 2025

LOCATION	PRE-CARBON	POST-CARBON	Flow Rate (scfm)	Emission Rate (lb/hr)	Emission Rate (lb/yr)	Emission Limit (lb/yr)
Analyte	Concentration (ug/m3)	Concentration (ug/m3)				
1,2,4-Trimethylbenzene	2.46	2.57	154	1.48E-06	0.013	
2-Butanone	17	22	154	1.27E-05	0.111	
4-Methyl-2-pentanone	ND	3.14	154	1.81E-06	0.016	
Acetone	24	18.7	154	1.08E-05	0.095	
Carbon disulfide	0.666	0.726	154	4.19E-07	0.004	
Carbon tetrachloride	15.9	10.3	154	5.94E-06	0.052	100
Chloroform	5.42	4.69	154	2.71E-06	0.024	
Chloromethane	0.574	0.636	154	3.67E-07	0.003	
cis-1,2-Dichloroethene	1.55	1.31	154	7.56E-07	0.007	
Dichlorodifluoromethane	2.15	2.19	154	1.26E-06	0.011	
Ethanol	27.3	28.8	154	1.66E-05	0.146	
Ethyl Acetate	34.7	14.5	154	8.37E-06	0.073	
Ethylbenzene	33.6	41.4	154	2.39E-05	0.209	
Heptane	0.984	0.893	154	5.15E-07	0.005	
Isopropanol	71.3	132	154	7.62E-05	0.667	
n-Hexane	2.54	18.5	154	1.07E-05	0.094	
o-Xylene	41	53.4	154	3.08E-05	0.270	
p/m-Xylene	139	166	154	9.58E-05	0.839	
Styrene	1.7	2.53	154	1.46E-06	0.013	
Tetrachloroethene	1.66	ND	154	0.00E+00	0.000	1,000
Tetrahydrofuran	3.04	2.39	154	1.38E-06	0.012	
Toluene	10.6	12.3	154	7.10E-06	0.062	
Trichloroethene	175	ND	154	0.00E+00	0.000	500
Trichlorofluoromethane	1.89	1.67	154	9.64E-07	0.008	
TOTAL VOCs	*614.0*	*540.6*	*154*	*3.12E-04*	*2.733*	

TABLE 4E
SSDS-5 PRE- AND POST-CARBON ANALYTICAL DATA SUMMARY AND EMISSIONS RATE CALCULATIONS
155-157 Chandler Street, Buffalo, New York
NYSDEC Site No. C915312

July 23, 2025

LOCATION	PRE-CARBON	POST-CARBON	Flow Rate (scfm)	Emission Rate (lb/hr)	Emission Rate (lb/yr)	Emission Limit (lb/yr)
Analyte	Concentration (ug/m3)	Concentration (ug/m3)				
1,2,4-Trimethylbenzene	1.5	1.96	117	8.59E-07	0.008	
4-Methyl-2-pentanone	5.98	6.76	117	2.96E-06	0.026	
Acetone	32.8	16.2	117	7.10E-06	0.062	
Benzene	1.05	0.882	117	3.87E-07	0.003	100
Carbon disulfide	1.42	1.23	117	5.39E-07	0.005	
Carbon tetrachloride	16.3	17	117	7.45E-06	0.065	100
Chloroform	7.72	8.3	117	3.64E-06	0.032	
cis-1,2-Dichloroethene	2.59	2.18	117	9.56E-07	0.008	
Dichlorodifluoromethane	2.21	2.12	117	9.29E-07	0.008	
Ethanol	39.2	49.4	117	2.17E-05	0.190	
Ethyl Acetate	161	165	117	7.23E-05	0.634	
Ethylbenzene	1.03	1.27	117	5.57E-07	0.005	
Isopropanol	146	136	117	5.96E-05	0.522	
n-Hexane	ND	0.722	117	3.17E-07	0.003	
o-Xylene	2.28	2.69	117	1.18E-06	0.010	
p/m-Xylene	5	6.52	117	2.86E-06	0.025	
Tetrachloroethene	4.72	6.67	117	2.92E-06	0.026	1,000
Toluene	6.52	7.76	117	3.40E-06	0.030	
Trichloroethene	209	198	117	8.68E-05	0.760	500
Trichlorofluoromethane	2.26	1.97	117	8.64E-07	0.008	
TOTAL VOCs	*648.6*	*632.6*	*117*	*2.77E-04*	*2.430*	

Table 5
Indoor Air Analytical Testing Results IA-6
155 & 157 Chandler Street, Buffalo, NY
December 2018 through January 2025

	Guidance Values - Indoor Air		IA-6																OA-1/OA-2							Guidance Values - Outdoor Air	
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Air Guideline Value	IA-6 Indoor Air	IA-6 (121219) Indoor Air	IA-6 (022020) Indoor Air	IA-6 (022020) Duplicate Indoor Air	IA-6 (121120) Indoor Air	IA-6 (021821) Indoor Air	IA-6 (021821) Duplicate Indoor Air	IA-6 (033121) Indoor Air	IA-6 (033121) Duplicate Indoor Air	IA-6 (061721) Indoor Air	IA-6 (120221) Indoor Air	IA-6 (121922) Indoor Air	IA-6 (010924) Indoor Air	IA-6 (010924) Duplicate Indoor Air	IA-6 (011425) Indoor Air	IA-6 (011425) Duplicate Indoor Air	OA-1 Outdoor Air	OA-1 (121219) Outdoor Air	OA-1 (121120) Outdoor Air	OA-1 (120221) Outdoor Air	OA-1 (121922) Outdoor Air	OA-2 (010924) Outdoor Air	Oa-2 (011425) Outdoor Air	Table C2 Outdoor Air Guidance Values (90%)	NYSDOH Air Guideline Value
SAMPLING DATE			12/18/2018	12/12/2019	2/20/2020	2/20/2020	12/11/2020	2/18/2021	2/18/2021	3/31/2021	3/31/2021	6/17/2021	12/2/2021	12/19/2022	1/9/2024	1/9/2024	1/14/2025	1/14/2025	12/18/2018	12/12/2019	12/11/2020	12/2/2021	12/19/2022	1/9/2024	1/14/2025		
LAB SAMPLE ID			L1852191-05	L1959919-05	L2007739-01	L2007739-02	L2055692-05	L2108109-01	L2108109-02	L2108109-01	L2108109-01	L2132969-01	L2166417-08	L2271489-07	L2401917-02	L2401917-03	L2502472-02	L2502472-03	L1852191-08	L1959919-01	L2055692-08	L2166417-05	L2271489-08	L2401917-01	L2502472-01		
Volatile Organics in Air (ug/m^3)																											
1,1,1-Trichloroethane*	20.6	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	NV
1,1,2,2-Tetrachloroethane	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
1,1,2-Trichloroethane	<1.5	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.6	NV
1,1-Dichloroethane	<0.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.6	NV
1,1-Dichloroethene	<1.4	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.4	NV
1,2,4-Trichlorobenzene	<6.8	NV	0.103	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<6.4	NV
1,2,4-Trimethylbenzene	9.5	NV	ND	ND	1.09	1.24	ND	ND	1.20	ND	ND	ND	ND	1.13	ND	ND	1.04 J	ND	ND	ND	ND	ND	ND	ND	ND	5.8	NV
1,2-Dibromoethane	<1.5	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.6	NV
1,2-Dichlorobenzene	<1.2	NV	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.2	NV
1,2-Dichloroethane	<0.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.8	NV
1,2-Dichloropropane	<1.6	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.6	NV
1,3,5-Trimethylbenzene	3.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.7	NV
1,3-butadiene	<3.0	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<3.4	NV
1,3-Dichlorobenzene	<2.4	NV	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2.2	NV
1,4-Dichlorobenzene	5.5	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.2	NV
1,4-Dioxane	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
2,2,4-trimethylpentane	NV	NV	ND	ND	ND	ND	ND	ND	0.943	1.36	1.29	ND	ND	2.47	3.69	4.01	3.47 J	3.05	ND	ND	ND	ND	ND	ND	ND	NV	NV
2-Butanone (Methyl Ethyl Ketone)	12	NV	ND	1.62	ND	ND	ND	1.87	1.67	1.67	1.58	ND	ND	ND	ND	1.59	1.6	ND	ND	ND	ND	ND	ND	ND	ND	11.3	NV
2-Hexanone (Methyl Butyl Ketone)	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.877	ND	ND	ND	ND	ND	ND	ND	NV	NV
3-Chloropropene	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
4-ethyltoluene	3.6	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.0	NV
4-Methyl-2-pentanone (Methyl Isobutyl K	6	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.9	NV
Acetone	98.9	NV	5.3	8.69	165	187	7.63 J	3.99 J	2.85 J	21.3 J	20.3 J	11.3	20.1 J	54.6	8.48	13.9	20.2 JH	14.1	4.39	3.44	4.16 J	7.79	6.25	8.81	6.27 JH	43.7	NV
Benzene	9.4	NV	ND	0.655	ND	ND	ND	1.12	1.13	1.30	1.25	ND	ND	1.73	1.08	1.17	0.738 J	0.642	ND	ND	ND	ND	ND	ND	ND	6.6	NV
Benzyl chloride	<6.8	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	<6.4	NV
Bromodichloromethane	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Bromoform	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Bromomethane	<1.7	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.6	NV
Carbon disulfide	4.2	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7	NV
Carbon tetrachloride*	<1.3	NV	0.598	2.26	0.434	0.453	0.528	0.434	0.465	0.528	0.535	0.711	0.484 J	0.761	0.478	0.478	0.415 J	0.453	0.459	0.484	0.403	0.528	0.491	0.497	0.421 J	0.7	NV
Chlorobenzene	<0.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<0.8	NV
Chloroethane	<1.1	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.2	NV
Chloroform	1.1	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6	NV
Chloromethane	3.7	NV	1.06	1.09	0.956	0.921	1.01	0.898	0.944	1.08	1.04	1.20	1.12 J	1.48	1.18	1.33	1.46 J	1.16	1.13	1.11	0.952	1.14	0.938	1.21	1.09 J	3.7	NV
cis-1,2-Dichloroethene*	<1.9	NV	0.103	0.270	0.095	0.119	0.079	ND	ND	0.095	0.091	ND	ND	0.167	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.8	NV
cis-1,3-Dichloropropene	<2.3	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<2.2	NV
Cyclohexane	NV	NV	ND	ND	ND	ND	ND	ND	0.688	1.16	1.13	ND	ND	1.57	1.87 J	2.18 J	1.22 J	1	ND	ND	ND	ND	ND	ND	ND	NV	NV
Dibromochloromethane	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Dichlorodifluoromethane	16.5	NV	2.49	2.66	1.86	1.93	2.08	1.99	2.02	2.12	2.16	2.47	2.53 J	2.46	2.47	2.52	2.46 J	2.82	1.39	2.55	1.89	2.68	2.41	2.53	2.39 J	8.1	NV
Ethanol	210	NV	40.1	194	111	129	228	105	104	194	220	41.6	117 J	122	54.8	65	60.3 J	ND	ND	ND	ND	13.8	ND	ND	ND	57	NV
Ethyl acetate	5.4	NV	ND	2.01	ND	ND	ND	2.79	2.56	ND	ND	ND	ND	ND	ND J	ND J	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	NV
Ethylbenzene	5.7	NV	ND	ND	5.52	5.86	ND	1.62	1.73	1.15	1.09	ND	ND	1.47	1.04	1.16	1.05 J	0.951	ND	ND	ND	ND	ND	ND	ND	3.5	NV
Freon 113	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Freon 114	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Heptane	NV	NV	ND	ND	ND	ND	ND	0.971	1.08	2.45	2.28	ND	ND	2.84	3.59	4.04	3.07 J	3.03	ND	ND	ND	ND	ND	ND	ND	NV	NV
Hexachlorobutadiene	<6.8	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<6.4	NV
Isopropanol	250	NV	ND	9.24	5.21	5.19	2.11	1.83 J	1.93 J	79.2	79.2	28.8	80.1 J	57	9.41	9.51	65.9 J	65.4	ND	ND	ND	6.64	3	ND	5.46 J	16.5	NV
Methyl tert-butyl ether	11.5	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6.2	NV
Methylene chloride	10	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.24	ND	ND	ND	6.1	60
n-Hexane	10.2	NV	ND	ND	ND	ND	0.733	3.30	3.41	5.08	4.79	ND	0.959 J	4.41	3.77	4.19	1.97 J	1.42	ND	ND	0.705	1.54	ND	ND	ND	6.4	NV
Naphthalene	5.1	NV	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	NT	ND	ND	NT	NT	NT	NT	NT	NT	ND	4.9	NV
o-Xylene	7.9	NV	ND	ND	5.21	5.60	ND	2.08	2.30	1.49	1.45	ND	ND	1.75	1.35	1.53	1.73 J	1.15	ND	ND	ND	ND	ND	ND	ND	4.6	NV
p/m-Xylene	22.2	NV	ND	ND	18.0	19.3	ND	6.91	7.60	4.39	4.26	ND	ND	5.08	3.73	4.11	4.78 J	3.2	ND	ND	ND	ND	ND	ND	ND	12.8	NV
Styrene	1.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	NV
Tertiary butyl Alcohol	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Tetrachloroethene*	15.9	30	0.529	0.448	0.305	0.292	0.285	0.170	0.210	0.353	0.319	ND	ND	0.224	0.224	0.292	ND	ND	ND	ND	ND	ND	ND	0.224	ND	6.5	30
Tetrahydrofuran	NV	NV	ND	ND	ND	ND	ND	ND	ND	1.86	1.55	ND	ND	ND	1.53	1.73	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Toluene	43	NV	ND	1.82	1.17	1.06	1.25	3.72	4.07	6.93	6.59	1.01	1.26 J	8.37	8.25	9.08	6.93 J	5.65	ND	0.855	0.806	1.46	ND	1.27	ND	33.7	NV
trans-1,2-Dichloroethene	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
trans-1,3-Dichloropropene	<1.3	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.4	NV
Trichloroethene*	4.2	2	0.924	12.0	1.34	1.43	2.96	2.96	2.93	14.0	13.6	1.31	1.73 J	4.11	0.382	0.398	0.118 JH	ND	ND	ND	ND	0.124	0.183	ND	ND	1.3	2
Trichlorofluoromethane	18.1	NV	1.26	1.31	ND	ND	1.14	ND	ND	1.15	ND	1.31	1.28 J	1.2	1.39	1.45	1.2 J	1.16	1.16	1.24	ND	1.34	1.16	1.42	1.25 J	4.3	NV
Vinyl Bromide	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Vinyl chloride	<1.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.8	NV

1. Compounds detected in one or more samples included in this table. For a list of all compounds, refer to analytical report.
2. Analytical testing for VOCs via TO-15 completed by Alpha Laboratories. * = samples analyzed for volatile organics in air by SIM.
3. Results present in ug/m^3 or microgram per cubic meter.
4. Samples were collected during a 8-hour sample duration.
5. 90th percentile values as presented in C2 (EPA 2001: Building assessment and survey evaluation (BASE) database Appendix C, in the NYSDOH Guidance Manual, as indicated for indoor and outdoor air only.
6. Air Guideline Values from "Guidance for Evaluating Soil Vapor Intrusion in the State of New York" dated October 2006, prepared by New York State Department of Health. Updated May 2017 and February 2024.
7. Green shaded values represent exceedance of table C2 guidance values; yellow shaded values represents exceedance of NYSDOH Air Guideline Values; blue shaded values represent most recent January 2025 results.
8. ND = Non Detect; NV = No Background/Guideline Value; NT = Not Tested; R1 = Analytical results are from sample re-analysis due to original concentration of analyte exceeding the range of the calibration curve and/or linear range of the instrument; J = Estimated value; JH= Estimated high.
9. ND = Non Detect; NV = No Value; NT = Not Tested; R1 = Analytical results are from sample re-analysis.
10. Red values represent updated values based on data validation.

ATTACHMENT A

INSTITUTIONAL CONTROLS/ENGINEERING CONTROLS CERTIFICAITON

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

Site Details **Box 1**

Site No. **C915312**

Site Name Pierce Arrow Business Center

Site Address: 155-157 Chandler Street Zip Code: 14207
City/Town: Buffalo
County: Erie
Site Acreage: 2.350

Reporting Period: July 09, 2024 to July 09, 2025

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

Box 2

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

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

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

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

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C915312 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
77.84-1-4	R&M Leasing, LLC	IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan Monitoring Plan

. Prohibition of use of groundwater.
. Restricted Residential Use.
. Soil Vapor Intrusion Evaluation for any existing or future structures.
. Soil Management or Excavation Work Plan for any future intrusive work.

77.84-1-5	R&M Leasing, LLC	Ground Water Use Restriction Landuse Restriction Monitoring Plan Site Management Plan IC/EC Plan Soil Management Plan

. Prohibition of use of groundwater.
. Restricted Residential Use.
. Soil Vapor Intrusion Evaluation for any future structures.
. Soil Management or Excavation Work Plan for any future intrusive work.
. Groundwater Monitoring Plan

Box 4

Description of Engineering Controls

Parcel	Engineering Control
77.84-1-4	Vapor Mitigation

. Monitoring of the Sub-slab Depressurization System.

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

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

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

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

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

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

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

YES	NO
☒	☐

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

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

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C915312

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Mary M. Szustak at 3730 California Road, Orchard Park, NY 14127,
print name print business address

am certifying as Designated Representative of the Owner (Owner or Remedial Party)

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

Mary M Szustak 08/08/2025
Signature of Owner, Remedial Party, or Designated Representative Date
Rendering Certification

EC CERTIFICATIONS

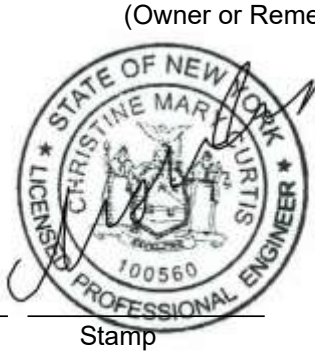
Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class “A” misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Christine Curtis (print name) at 95 Brown Road, Ste. 216-217, Ithaca NY 14850 (print business address),

am certifying as a Professional Engineer for the owner (Owner or Remedial Party)



Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date
		8/8/2025

ATTACHMENT B

LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L2502472
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	ANNUAL SSDS VERIFICATION
Project Number:	01101
Report Date:	02/03/25

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

Certifications & Approvals: NH ELAP (2249).

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2502472-01	OA-2 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:00	01/15/25
L2502472-02	IA-6 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:35	01/15/25
L2502472-03	IA-6 (011425) DUPLICATE	AIR	155 CHANDLER STREET	01/14/25 16:35	01/15/25
L2502472-04	IA-7 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:05	01/15/25
L2502472-05	IA-8 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:15	01/15/25
L2502472-06	IA-9 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:10	01/15/25
L2502472-07	IA-10/IA-11 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:20	01/15/25
L2502472-08	IA-12 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:25	01/15/25
L2502472-09	IA-13 (011425)	AIR	155 CHANDLER STREET	01/14/25 16:30	01/15/25

Project Name:	ANNUAL SSDS VERIFICATION	**Lab Number:**	L2502472
Project Number:	01101	**Report Date:**	02/03/25

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: ANNUAL SSDS VERIFICATION **Lab Number:** L2502472
Project Number: 01101 **Report Date:** 02/03/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 8, 2025. The canister certification data is provided as an addendum.

L2502472-05, -07, -08, and -09: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2502472-07D, -08D, and -09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2023336-2 CC recovery associated with [WG2023336] is above the upper 130% acceptance limit for Acetone. Any samples associated with this CC that have reportable amounts of this analyte will be reported with high bias.

The WG2024071-3 LCS recovery associated with L2502472-03 through -05 is above the upper 130% acceptance limit for 2-butanone (136%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2024515-3 LCS recovery associated with L2502472-05D is above the upper 130% acceptance limit for hexachlorobutadiene (69%). All samples associated with this LCS do not have reportable amounts of this analyte.

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: 02/03/25

AIR

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-01
Client ID: OA-2 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:00
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/24/25 21:05
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.483	0.200	--	2.39	0.989	--		1
Chloromethane	0.530	0.200	--	1.09	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	2.64	1.00	--	6.27	2.38	--		1
Trichlorofluoromethane	0.222	0.200	--	1.25	1.12	--		1
Isopropanol	2.22	1.00	--	5.46	2.46	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-01
Client ID: OA-2 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:00
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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
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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-01
Client ID: OA-2 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:00
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	102		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	106		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-01
Client ID: OA-2 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:00
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/24/25 21:05
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	102		60-140
chlorobenzene-d5	104		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-02
Client ID: IA-6 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/24/25 21:36
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.498	0.200	--	2.46	0.989	--		1
Chloromethane	0.708	0.200	--	1.46	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	32.0	5.00	--	60.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.50	1.00	--	20.2	2.38	--		1
Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--		1
Isopropanol	26.8	1.00	--	65.9	2.46	--		1
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
2-Butanone	0.541	0.500	--	1.60	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-02
Client ID: IA-6 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.560	0.200	--	1.97	0.705	--		1
Benzene	0.231	0.200	--	0.738	0.639	--		1
Cyclohexane	0.355	0.200	--	1.22	0.688	--		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
2,2,4-Trimethylpentane	0.742	0.200	--	3.47	0.934	--		1
Heptane	0.749	0.200	--	3.07	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	1.84	0.200	--	6.93	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.241	0.200	--	1.05	0.869	--		1
p/m-Xylene	1.10	0.400	--	4.78	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.398	0.200	--	1.73	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-02
Client ID: IA-6 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	0.211	0.200	--	1.04	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	106		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-02
Client ID: IA-6 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/24/25 21:36
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.066	0.020	--	0.415	0.126	--		1
Trichloroethene	0.022	0.020	--	0.118	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	102		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	103		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-03
Client ID: IA-6 (011425) DUPLICATE
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/25 21:41
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.571	0.200	--	2.82	0.989	--		1
Chloromethane	0.564	0.200	--	1.16	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.92	1.00	--	14.1	2.38	--		1
Trichlorofluoromethane	0.207	0.200	--	1.16	1.12	--		1
Isopropanol	26.6	1.00	--	65.4	2.46	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-03
Client ID: IA-6 (011425) DUPLICATE
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.404	0.200	--	1.42	0.705	--		1
Benzene	0.201	0.200	--	0.642	0.639	--		1
Cyclohexane	0.291	0.200	--	1.00	0.688	--		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
2,2,4-Trimethylpentane	0.653	0.200	--	3.05	0.934	--		1
Heptane	0.740	0.200	--	3.03	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	1.50	0.200	--	5.65	0.754	--		1
2-Hexanone	0.214	0.200	--	0.877	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.219	0.200	--	0.951	0.869	--		1
p/m-Xylene	0.737	0.400	--	3.20	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.265	0.200	--	1.15	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-03
Client ID: IA-6 (011425) DUPLICATE
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-03
Client ID: IA-6 (011425) DUPLICATE
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:35
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/25 21:41
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 by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.072	0.020	--	0.453	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	99		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	101		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-04
Client ID: IA-7 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:05
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/25 22:19
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.571	0.200	--	2.82	0.989	--		1
Chloromethane	0.565	0.200	--	1.17	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	25.6	5.00	--	48.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	30.3	1.00	--	72.0	2.38	--		1
Trichlorofluoromethane	0.253	0.200	--	1.42	1.12	--		1
Isopropanol	204	1.00	--	501	2.46	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-04
Client ID: IA-7 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:05
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.248	0.200	--	0.935	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-04
Client ID: IA-7 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:05
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	96		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-04
Client ID: IA-7 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:05
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/25 22:19
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.076	0.020	--	0.478	0.126	--		1
Trichloroethene	0.042	0.020	--	0.226	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	97		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	100		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-05
Client ID: IA-8 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:15
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/27/25 22:56
Analyst: KJD

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.585	0.200	--	2.89	0.989	--		1
Chloromethane	0.625	0.200	--	1.29	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	56.9	5.00	--	107	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	51.9	1.00	--	123	2.38	--		1
Trichlorofluoromethane	0.240	0.200	--	1.35	1.12	--		1
Isopropanol	369	1.00	--	907	2.46	--	E	1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-05
Client ID: IA-8 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:15
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.322	0.200	--	1.21	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-05
Client ID: IA-8 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:15
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	97		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-05
Client ID: IA-8 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:15
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/25 22:56
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.070	0.020	--	0.440	0.126	--		1
Trichloroethene	0.034	0.020	--	0.183	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	99		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	101		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-05 D
Client ID: IA-8 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:15
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/28/25 23:34
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Isopropanol	217	5.00	--	533	12.3	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	92		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	93		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-06
Client ID: IA-9 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:10
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/28/25 17:44
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.510	0.200	--	2.52	0.989	--		1
Chloromethane	0.518	0.200	--	1.07	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	22.5	5.00	--	42.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.62	1.00	--	15.7	2.38	--		1
Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--		1
Isopropanol	46.0	1.00	--	113	2.46	--		1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-06
Client ID: IA-9 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:10
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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
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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-06
Client ID: IA-9 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:10
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	100		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-06
Client ID: IA-9 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:10
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 17:44
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.084	0.020	--	0.528	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	104		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	108		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-07
Client ID: IA-10/IA-11 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:20
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/28/25 18:23
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.513	0.200	--	2.54	0.989	--		1
Chloromethane	0.490	0.200	--	1.01	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	58.0	5.00	--	109	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	37.7	1.00	--	89.6	2.38	--		1
Trichlorofluoromethane	0.217	0.200	--	1.22	1.12	--		1
Isopropanol	312	1.00	--	767	2.46	--	E	1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-07
Client ID: IA-10/IA-11 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:20
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.219	0.200	--	0.825	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-07
Client ID: IA-10/IA-11 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:20
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	100		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-07
Client ID: IA-10/IA-11 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:20
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 18:23
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.079	0.020	--	0.497	0.126	--		1
Trichloroethene	0.035	0.020	--	0.188	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	103		60-140
bromochloromethane	105		60-140
chlorobenzene-d5	107		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-07 D
Client ID: IA-10/IA-11 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:20
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/30/25 06:37
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Isopropanol	309	5.00	--	760	12.3	--		5

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	119		60-140
Bromochloromethane	130		60-140
chlorobenzene-d5	127		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-08
Client ID: IA-12 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:25
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/28/25 19:03
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.512	0.200	--	2.53	0.989	--		1
Chloromethane	0.487	0.200	--	1.01	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	16.3	5.00	--	30.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	54.3	1.00	--	129	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	453	1.00	--	1110	2.46	--	E	1
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
2-Butanone	ND	0.500	--	ND	1.47	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-08
Client ID: IA-12 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:25
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		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	0.296	0.200	--	1.12	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-08
Client ID: IA-12 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:25
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	101		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-08
Client ID: IA-12 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:25
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 19:03
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.091	0.020	--	0.572	0.126	--		1
Trichloroethene	0.034	0.020	--	0.183	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	105		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	107		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-08 D
Client ID: IA-12 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:25
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/30/25 07:14
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Isopropanol	603	10.0	--	1480	24.6	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	119		60-140
Bromochloromethane	136		60-140
chlorobenzene-d5	125		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-09
Client ID: IA-13 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/28/25 20:23
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.522	0.200	--	2.58	0.989	--		1
Chloromethane	0.520	0.200	--	1.07	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	33.1	5.00	--	62.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	221	1.00	--	525	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	1350	1.00	--	3320	2.46	--	E	1
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
2-Butanone	ND	0.500	--	ND	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.529	0.500	--	1.56	1.47	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-09
Client ID: IA-13 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:30
Date Received: 01/15/25
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 Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.222	0.200	--	0.910	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	1.51	0.200	--	5.69	0.754	--		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
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-09
Client ID: IA-13 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:30
Date Received: 01/15/25
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 Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	101		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-09
Client ID: IA-13 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 20:23
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.100	0.020	--	0.629	0.126	--		1
Trichloroethene	0.074	0.020	--	0.398	0.107	--		1
Tetrachloroethene	0.069	0.020	--	0.468	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	104		60-140
bromochloromethane	108		60-140
chlorobenzene-d5	108		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

SAMPLE RESULTS

Lab ID: L2502472-09 D
Client ID: IA-13 (011425)
Sample Location: 155 CHANDLER STREET

Date Collected: 01/14/25 16:30
Date Received: 01/15/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/29/25 22:32
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Isopropanol	4030	34.8	--	9910	85.5	--		34.77

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	108		60-140
Bromochloromethane	112		60-140
chlorobenzene-d5	114		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/24/25 14:36

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 Lab for sample(s): 01-02 Batch: WG2023335-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2023336-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2023336-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG2023336-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
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Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/25 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG2024071-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: ANNUAL SSDS VERIFICATION
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Report Date: 02/03/25

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Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/25 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG2024071-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
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Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/27/25 15:14

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 03-05 Batch: WG2024071-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/27/25 15:52

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 Lab for sample(s): 03-05 Batch: WG2024074-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 14:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 06-09 Batch: WG2024449-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 14:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 06-09 Batch: WG2024449-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
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Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 14:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 06-09 Batch: WG2024449-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/28/25 15:25

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 Lab for sample(s): 06-09 Batch: WG2024452-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 19:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2024515-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 19:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2024515-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/28/25 19:39

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 05 Batch: WG2024515-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/25 19:53

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07-09 Batch: WG2024922-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/25 19:53

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07-09 Batch: WG2024922-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101
Lab Number: L2502472
Report Date: 02/03/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/29/25 19:53

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 07-09 Batch: WG2024922-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-02 Batch: WG2023335-3								
Vinyl chloride	113		-		70-130	-		25
1,1-Dichloroethene	112		-		70-130	-		25
cis-1,2-Dichloroethene	110		-		70-130	-		25
1,1,1-Trichloroethane	94		-		70-130	-		25
Carbon tetrachloride	84		-		70-130	-		25
Trichloroethene	108		-		70-130	-		25
Tetrachloroethene	99		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2023336-3								
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	113		-		70-130	-		
Vinyl chloride	117		-		70-130	-		
1,3-Butadiene	115		-		70-130	-		
Bromomethane	122		-		70-130	-		
Chloroethane	122		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	121		-		70-130	-		
Acetone	131		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	111		-		40-160	-		
1,1-Dichloroethene	116		-		70-130	-		
Tertiary butyl Alcohol	70		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	115		-		70-130	-		
Carbon disulfide	104		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	123		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
Methyl tert butyl ether	98		-		70-130	-		
2-Butanone	112		-		70-130	-		
cis-1,2-Dichloroethene	113		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2023336-3								
Ethyl Acetate	116		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	125		-		70-130	-		
1,2-Dichloroethane	92		-		70-130	-		
n-Hexane	130		-		70-130	-		
1,1,1-Trichloroethane	93		-		70-130	-		
Benzene	101		-		70-130	-		
Carbon tetrachloride	84		-		70-130	-		
Cyclohexane	121		-		70-130	-		
1,2-Dichloropropane	125		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	122		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	129		-		70-130	-		
Heptane	128		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	122		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	111		-		70-130	-		
Toluene	112		-		70-130	-		
2-Hexanone	118		-		70-130	-		
Dibromochloromethane	107		-		70-130	-		
1,2-Dibromoethane	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG2023336-3								
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	110		-		70-130	-		
p/m-Xylene	112		-		70-130	-		
Bromoform	107		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	114		-		70-130	-		
4-Ethyltoluene	105		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	70		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	94		-		70-130	-		
Naphthalene	120		-		70-130	-		
Hexachlorobutadiene	85		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG2024071-3								
Dichlorodifluoromethane	94		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	101		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	92		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	93		-		70-130	-		
Ethanol	74		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	128		-		40-160	-		
Trichlorofluoromethane	90		-		70-130	-		
Isopropanol	125		-		40-160	-		
1,1-Dichloroethene	115		-		70-130	-		
Tertiary butyl Alcohol	116		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	**135**	Q	-		70-130	-		
Carbon disulfide	102		-		70-130	-		
Freon-113	117		-		70-130	-		
trans-1,2-Dichloroethene	116		-		70-130	-		
1,1-Dichloroethane	119		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
2-Butanone	**136**	Q	-		70-130	-		
cis-1,2-Dichloroethene	118		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG2024071-3								
Ethyl Acetate	121		-		70-130	-		
Chloroform	106		-		70-130	-		
Tetrahydrofuran	126		-		70-130	-		
1,2-Dichloroethane	113		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	94		-		70-130	-		
Cyclohexane	92		-		70-130	-		
1,2-Dichloropropane	105		-		70-130	-		
Bromodichloromethane	96		-		70-130	-		
1,4-Dioxane	101		-		70-130	-		
Trichloroethene	96		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	110		-		70-130	-		
cis-1,3-Dichloropropene	93		-		70-130	-		
4-Methyl-2-pentanone	113		-		70-130	-		
trans-1,3-Dichloropropene	95		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	99		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	104		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 03-05 Batch: WG2024071-3								
Tetrachloroethene	97		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	103		-		70-130	-		
1,1,2,2-Tetrachloroethane	105		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	97		-		70-130	-		
1,3,5-Trimethylbenzene	99		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Benzyl chloride	79		-		70-130	-		
1,3-Dichlorobenzene	105		-		70-130	-		
1,4-Dichlorobenzene	106		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	101		-		70-130	-		
Naphthalene	130		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 03-05 Batch: WG2024074-3								
Vinyl chloride	85		-		70-130	-		25
1,1-Dichloroethene	113		-		70-130	-		25
cis-1,2-Dichloroethene	111		-		70-130	-		25
1,1,1-Trichloroethane	101		-		70-130	-		25
Carbon tetrachloride	88		-		70-130	-		25
Trichloroethene	92		-		70-130	-		25
Tetrachloroethene	89		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 06-09 Batch: WG2024449-3								
Dichlorodifluoromethane	91		-		70-130	-		
Chloromethane	76		-		70-130	-		
Freon-114	79		-		70-130	-		
Vinyl chloride	86		-		70-130	-		
1,3-Butadiene	91		-		70-130	-		
Bromomethane	90		-		70-130	-		
Chloroethane	85		-		70-130	-		
Ethanol	88		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	70		-		40-160	-		
Trichlorofluoromethane	92		-		70-130	-		
Isopropanol	79		-		40-160	-		
1,1-Dichloroethene	86		-		70-130	-		
Tertiary butyl Alcohol	98		-		70-130	-		
Methylene chloride	97		-		70-130	-		
3-Chloropropene	71		-		70-130	-		
Carbon disulfide	86		-		70-130	-		
Freon-113	89		-		70-130	-		
trans-1,2-Dichloroethene	84		-		70-130	-		
1,1-Dichloroethane	79		-		70-130	-		
Methyl tert butyl ether	85		-		70-130	-		
2-Butanone	82		-		70-130	-		
cis-1,2-Dichloroethene	84		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 06-09 Batch: WG2024449-3								
Ethyl Acetate	92		-		70-130	-		
Chloroform	97		-		70-130	-		
Tetrahydrofuran	75		-		70-130	-		
1,2-Dichloroethane	86		-		70-130	-		
n-Hexane	108		-		70-130	-		
1,1,1-Trichloroethane	112		-		70-130	-		
Benzene	91		-		70-130	-		
Carbon tetrachloride	110		-		70-130	-		
Cyclohexane	109		-		70-130	-		
1,2-Dichloropropane	85		-		70-130	-		
Bromodichloromethane	115		-		70-130	-		
1,4-Dioxane	100		-		70-130	-		
Trichloroethene	101		-		70-130	-		
2,2,4-Trimethylpentane	108		-		70-130	-		
Heptane	90		-		70-130	-		
cis-1,3-Dichloropropene	92		-		70-130	-		
4-Methyl-2-pentanone	90		-		70-130	-		
trans-1,3-Dichloropropene	99		-		70-130	-		
1,1,2-Trichloroethane	98		-		70-130	-		
Toluene	86		-		70-130	-		
2-Hexanone	77		-		70-130	-		
Dibromochloromethane	103		-		70-130	-		
1,2-Dibromoethane	86		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 06-09 Batch: WG2024449-3								
Tetrachloroethene	94		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	85		-		70-130	-		
p/m-Xylene	90		-		70-130	-		
Bromoform	102		-		70-130	-		
Styrene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	105		-		70-130	-		
o-Xylene	91		-		70-130	-		
4-Ethyltoluene	94		-		70-130	-		
1,3,5-Trimethylbenzene	96		-		70-130	-		
1,2,4-Trimethylbenzene	98		-		70-130	-		
Benzyl chloride	90		-		70-130	-		
1,3-Dichlorobenzene	96		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	95		-		70-130	-		
1,2,4-Trichlorobenzene	96		-		70-130	-		
Naphthalene	127		-		70-130	-		
Hexachlorobutadiene	93		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 06-09 Batch: WG2024452-3								
Vinyl chloride	79		-		70-130	-		25
1,1-Dichloroethene	77		-		70-130	-		25
cis-1,2-Dichloroethene	75		-		70-130	-		25
1,1,1-Trichloroethane	99		-		70-130	-		25
Carbon tetrachloride	103		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	89		-		70-130	-		25

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2024515-3								
Dichlorodifluoromethane	119		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	121		-		70-130	-		
Vinyl chloride	108		-		70-130	-		
1,3-Butadiene	114		-		70-130	-		
Bromomethane	112		-		70-130	-		
Chloroethane	107		-		70-130	-		
Ethanol	115		-		40-160	-		
Vinyl bromide	109		-		70-130	-		
Acetone	124		-		40-160	-		
Trichlorofluoromethane	112		-		70-130	-		
Isopropanol	78		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	116		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	114		-		70-130	-		
Carbon disulfide	98		-		70-130	-		
Freon-113	113		-		70-130	-		
trans-1,2-Dichloroethene	116		-		70-130	-		
1,1-Dichloroethane	110		-		70-130	-		
Methyl tert butyl ether	112		-		70-130	-		
2-Butanone	116		-		70-130	-		
cis-1,2-Dichloroethene	111		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2024515-3								
Ethyl Acetate	123		-		70-130	-		
Chloroform	113		-		70-130	-		
Tetrahydrofuran	108		-		70-130	-		
1,2-Dichloroethane	115		-		70-130	-		
n-Hexane	112		-		70-130	-		
1,1,1-Trichloroethane	108		-		70-130	-		
Benzene	96		-		70-130	-		
Carbon tetrachloride	119		-		70-130	-		
Cyclohexane	110		-		70-130	-		
1,2-Dichloropropane	103		-		70-130	-		
Bromodichloromethane	120		-		70-130	-		
1,4-Dioxane	112		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	116		-		70-130	-		
Heptane	111		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	108		-		70-130	-		
trans-1,3-Dichloropropene	111		-		70-130	-		
1,1,2-Trichloroethane	105		-		70-130	-		
Toluene	95		-		70-130	-		
2-Hexanone	105		-		70-130	-		
Dibromochloromethane	122		-		70-130	-		
1,2-Dibromoethane	105		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 Batch: WG2024515-3								
Tetrachloroethene	103		-		70-130	-		
Chlorobenzene	101		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	126		-		70-130	-		
Styrene	103		-		70-130	-		
1,1,2,2-Tetrachloroethane	104		-		70-130	-		
o-Xylene	103		-		70-130	-		
4-Ethyltoluene	111		-		70-130	-		
1,3,5-Trimethylbenzene	106		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Benzyl chloride	115		-		70-130	-		
1,3-Dichlorobenzene	107		-		70-130	-		
1,4-Dichlorobenzene	108		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	80		-		70-130	-		
Naphthalene	100		-		70-130	-		
Hexachlorobutadiene	**69**	Q	-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07-09 Batch: WG2024922-3								
Dichlorodifluoromethane	**145**	Q	-		70-130	-		
Chloromethane	91		-		70-130	-		
Freon-114	**134**	Q	-		70-130	-		
Vinyl chloride	129		-		70-130	-		
1,3-Butadiene	117		-		70-130	-		
Bromomethane	**134**	Q	-		70-130	-		
Chloroethane	**139**	Q	-		70-130	-		
Ethanol	135		-		40-160	-		
Vinyl bromide	**138**	Q	-		70-130	-		
Acetone	**174**	Q	-		40-160	-		
Trichlorofluoromethane	**158**	Q	-		70-130	-		
Isopropanol	101		-		40-160	-		
1,1-Dichloroethene	**154**	Q	-		70-130	-		
Tertiary butyl Alcohol	**162**	Q	-		70-130	-		
Methylene chloride	106		-		70-130	-		
3-Chloropropene	122		-		70-130	-		
Carbon disulfide	107		-		70-130	-		
Freon-113	**137**	Q	-		70-130	-		
trans-1,2-Dichloroethene	**156**	Q	-		70-130	-		
1,1-Dichloroethane	**142**	Q	-		70-130	-		
Methyl tert butyl ether	**148**	Q	-		70-130	-		
2-Butanone	114		-		70-130	-		
cis-1,2-Dichloroethene	**150**	Q	-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07-09 Batch: WG2024922-3								
Ethyl Acetate	**157**	Q	-		70-130	-		
Chloroform	**136**	Q	-		70-130	-		
Tetrahydrofuran	111		-		70-130	-		
1,2-Dichloroethane	**164**	Q	-		70-130	-		
n-Hexane	119		-		70-130	-		
1,1,1-Trichloroethane	117		-		70-130	-		
Benzene	89		-		70-130	-		
Carbon tetrachloride	122		-		70-130	-		
Cyclohexane	116		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	110		-		70-130	-		
Trichloroethene	105		-		70-130	-		
2,2,4-Trimethylpentane	123		-		70-130	-		
Heptane	90		-		70-130	-		
cis-1,3-Dichloropropene	94		-		70-130	-		
4-Methyl-2-pentanone	90		-		70-130	-		
trans-1,3-Dichloropropene	99		-		70-130	-		
1,1,2-Trichloroethane	100		-		70-130	-		
Toluene	92		-		70-130	-		
2-Hexanone	84		-		70-130	-		
Dibromochloromethane	114		-		70-130	-		
1,2-Dibromoethane	97		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07-09 Batch: WG2024922-3								
Tetrachloroethene	95		-		70-130	-		
Chlorobenzene	94		-		70-130	-		
Ethylbenzene	98		-		70-130	-		
p/m-Xylene	101		-		70-130	-		
Bromoform	112		-		70-130	-		
Styrene	97		-		70-130	-		
1,1,2,2-Tetrachloroethane	93		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	108		-		70-130	-		
1,3,5-Trimethylbenzene	117		-		70-130	-		
1,2,4-Trimethylbenzene	106		-		70-130	-		
Benzyl chloride	86		-		70-130	-		
1,3-Dichlorobenzene	106		-		70-130	-		
1,4-Dichlorobenzene	107		-		70-130	-		
1,2-Dichlorobenzene	104		-		70-130	-		
1,2,4-Trichlorobenzene	115		-		70-130	-		
Naphthalene	**136**	Q	-		70-130	-		
Hexachlorobutadiene	123		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 05 QC Batch ID: WG2024515-5 QC Sample: L2502472-05 Client ID: IA-8 (011425)						
Isopropanol	217	215	ppbV	1		25
Volatile Organics in Air - Mansfield Lab Associated sample(s): 07-09 QC Batch ID: WG2024922-5 QC Sample: L2502472-09 Client ID: IA-13 (011425)						
Isopropanol	4030	3870	ppbV	4		25

Project Name: ANNUAL SSDS VERIFICATION

Lab Number: L2502472

Project Number: 01101

Report Date: 02/03/25

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
L2502472-01	OA-2 (011425)	0474	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.0	11
L2502472-01	OA-2 (011425)	466	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	0.0	-	-	-	-
L2502472-02	IA-6 (011425)	01395	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	1.3	110
L2502472-02	IA-6 (011425)	222	2.7L Can	01/08/25	502265	L2500003-07	Pass	-28.8	0.0	-	-	-	-
L2502472-03	IA-6 (011425) DUPLICATE	01255	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.2	14
L2502472-03	IA-6 (011425) DUPLICATE	546	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-3.4	-	-	-	-
L2502472-04	IA-7 (011425)	02376	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.3	16
L2502472-04	IA-7 (011425)	3730	2.7L Can	01/08/25	502265	L2500003-07	Pass	-29.2	-6.2	-	-	-	-
L2502472-05	IA-8 (011425)	0396	Flow 5	01/08/25	502265		-	-	-	Pass	4.4	5.1	15
L2502472-05	IA-8 (011425)	391	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-7.2	-	-	-	-
L2502472-06	IA-9 (011425)	02245	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	4.7	4
L2502472-06	IA-9 (011425)	396	2.7L Can	01/08/25	502265	L2500003-07	Pass	-29.1	-9.0	-	-	-	-
L2502472-07	IA-10/IA-11 (011425)	01424	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.3	16
L2502472-07	IA-10/IA-11 (011425)	234	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-8.1	-	-	-	-
L2502472-08	IA-12 (011425)	02256	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.4	18

Project Name: ANNUAL SSDS VERIFICATION

Lab Number: L2502472

Project Number: 01101

Report Date: 02/03/25

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
L2502472-08	IA-12 (011425)	2424	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-7.9	-	-	-	-
L2502472-09	IA-13 (011425)	0918	Flow 4	01/08/25	502265		-	-	-	Pass	4.4	5.0	13
L2502472-09	IA-13 (011425)	147B	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.4	-10.0	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/05/25 00:08
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield 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: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 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
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
Dibromomethane	ND	0.200	--	ND	1.42	--		1

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

Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 Lab								
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
o-Xylene	ND	0.200	--	ND	0.869	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 Lab								
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	1.05	--		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: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					
Cyclohexanone	2.7	NJ	ppbV		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	81		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/05/25 18:54
Analyst: __

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Vinyl acetate	ND	1.00	--	ND	3.52	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/05/25 00:08
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield 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: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 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	0.115	0.020	--	0.618	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: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
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 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
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	66		60-140
bromochloromethane	74		60-140
chlorobenzene-d5	72		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500003
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/05/25 18:54
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/06/25 23:15
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield 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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 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	1.05	--		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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 Lab								

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	107		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	113		60-140

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

Lab Number: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/06/25 23:15
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield 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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 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	0.047	0.020	--	0.204	0.087	--		1
p/m-Xylene	0.115	0.040	--	0.500	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	0.036	0.020	--	0.156	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: L2500409
Report Date: 02/03/25

Air Canister Certification Results

Lab ID: L2500409-04
Client ID: CAN 1805 SHELF 71
Sample Location:

Date Collected: 01/04/25 12:00
Date Received: 01/04/25
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 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	106		60-140
bromochloromethane	109		60-140
chlorobenzene-d5	112		60-140

Project Name: ANNUAL SSDS VERIFICATION
Project Number: 01101

Lab Number: L2502472
Report Date: 02/03/25

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(*)
L2502472-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2502472-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2502472-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2502472-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2502472-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2502472-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2502472-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2502472-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2502472-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	ANNUAL SSDS VERIFICATION	**Lab Number:**	L2502472
Project Number:	01101	**Report Date:**	02/03/25

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:	ANNUAL SSDS VERIFICATION	**Lab Number:**	L2502472
Project Number:	01101	**Report Date:**	02/03/25

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:	ANNUAL SSDS VERIFICATION	**Lab Number:**	L2502472
Project Number:	01101	**Report Date:**	02/03/25

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: ANNUAL SSDS VERIFICATION **Lab Number:** L2502472

Project Number: 01101 **Report Date:** 02/03/25

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, 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, EPA 1600, EPA 1603, SM9222D.**

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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.

Serial No:02032518:25

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/16/25

ALPHA Job #: L2502472

Client Information

Client: Environmental Advantage, Inc.
Address: 3636 N. Buffalo Rd.
Orchard Park, NY 14127
Phone: (716) 667-3130
Fax: (716) 667-3156
Email: mhanna@envadvantage.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Annual SSDS verification
Project Location: 155 Chandler Street
Project #: 01101
Project Manager: Mark Hanna
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☒ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☒ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)
labresults@envadvantage.com

Billing Information

☒ Same as Client info PO #: 01101

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

ALPHA 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 Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
02472-01	OA-2 (011425)	1/14/25	8:16	16:00	-29.64	-0.09	AA	RH	2.7L	466	0474	X					
02	IA-6 (011425)	1/14/25	8:45	16:35	-23.30	-0.77	AA	RH	2.7L	222	01395	X					
03	IA-6 (011425) duplicate	1/14/25	8:45	16:35	-29.95	-4.44	AA	RH	2.7L	546	01255	X					
04	IA-7 (011425)	1/14/25	8:38	16:05	-29.65	-6.36	AA	RH	2.7L	3130	02376	X					
05	IA-8 (011425)	1/14/25	8:35	16:15	-30.00	-7.38	AA	RH	2.7L	391	0396	X					
06	IA-9 (011425)	1/14/25	8:32	16:10	-29.60	-9.00	AA	RH	2.7L	396	02245	X					
07	IA-10/IA-11 (011425)	1/14/25	8:50	16:20	-30.03	-8.03	AA	RH	2.7L	234	01424	X					
08	IA-12 (011425)	1/14/25	8:53	16:25	-29.66	-7.46	AA	RH	2.7L	2424	02256	X					
09	IA-13 (011425)	1/14/25	8:45	16:30	-29.88	-9.23	AA	RH	2.7L	1478	0918	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Summa

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Rylee Hooker	1/15/25 12:00	Romeo mack	1.15.25 1200
Romeo Mack/Pace	1.15.25 1350	Buffalo S/C	1.15.25 1350
Russell B. Bisby	1-15-25 15:22		1/15/25 2330
	1/16/25 00:30	Jnason	1/16/25 00:30

(Rev. 13-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2438431
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	155 CHANDLER PRE/POST CARBON
Project Number:	01101
Report Date:	07/16/24

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101

Lab Number: L2438431
Report Date: 07/16/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2438431-01	PRE CARBON	SOIL_VAPOR	155 CHANDLER ST.	07/09/24 09:10	07/09/24
L2438431-02	POST CARBON	SOIL_VAPOR	155 CHANDLER ST.	07/09/24 09:00	07/09/24

Project Name:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2438431
Project Number:	01101	**Report Date:**	07/16/24

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 Alpha 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, solids and tissues are reported on a dry 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2438431
Project Number:	01101	**Report Date:**	07/16/24

Case Narrative (continued)

Volatile Organics in Air

L2438431-01 and -02: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

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: Jennifer Jerome

Title: Technical Director/Representative Date: 07/16/24

AIR

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:10
Date Received: 07/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/13/24 01:02
Analyst: JMB

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.423	0.200	--	2.09	0.989	--		1
Chloromethane	0.231	0.200	--	0.477	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	26.9	5.00	--	50.7	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	21.2	1.00	--	50.4	2.38	--		1
Trichlorofluoromethane	0.312	0.200	--	1.75	1.12	--		1
Isopropanol	63.5	0.500	--	156	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.738	0.500	--	2.24	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.971	0.200	--	3.02	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	0.299	0.200	--	1.19	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.662	0.500	--	1.95	1.47	--		1
cis-1,2-Dichloroethene	0.897	0.200	--	3.56	0.793	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:10
Date Received: 07/09/24
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 Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.81	0.200	--	8.84	0.977	--		1
Tetrahydrofuran	0.659	0.500	--	1.94	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.642	0.200	--	2.26	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.419	0.200	--	1.34	0.639	--		1
Carbon tetrachloride	3.07	0.200	--	19.3	1.26	--		1
Cyclohexane	0.216	0.200	--	0.743	0.688	--		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	52.8	0.200	--	284	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.48	0.500	--	6.07	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	1.65	0.200	--	6.22	0.754	--		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
Tetrachloroethene	0.420	0.200	--	2.85	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.394	0.200	--	1.71	0.869	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:10
Date Received: 07/09/24
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 Lab								
p/m-Xylene	1.98	0.400	--	8.60	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.706	0.200	--	3.07	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.277	0.200	--	1.36	0.983	--		1
1,2,4-Trimethylbenzene	1.10	0.200	--	5.41	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	130		60-140

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:00
Date Received: 07/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 07/13/24 00:31
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.471	0.200	--	2.33	0.989	--		1
Chloromethane	0.253	0.200	--	0.522	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	40.4	5.00	--	76.1	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	17.8	1.00	--	42.3	2.38	--		1
Trichlorofluoromethane	0.300	0.200	--	1.69	1.12	--		1
Isopropanol	100	0.500	--	246	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	1.25	0.200	--	3.89	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	0.246	0.200	--	0.975	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.577	0.500	--	1.70	1.47	--		1
cis-1,2-Dichloroethene	1.07	0.200	--	4.24	0.793	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:00
Date Received: 07/09/24
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 Lab								
Ethyl Acetate	9.78	0.500	--	35.2	1.80	--		1
Chloroform	1.79	0.200	--	8.74	0.977	--		1
Tetrahydrofuran	0.893	0.500	--	2.63	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	2.77	0.200	--	9.76	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	2.09	0.200	--	6.68	0.639	--		1
Carbon tetrachloride	4.52	0.200	--	28.4	1.26	--		1
Cyclohexane	0.386	0.200	--	1.33	0.688	--		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	71.3	0.200	--	383	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.211	0.200	--	0.865	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	3.17	0.200	--	11.9	0.754	--		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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.633	0.200	--	2.75	0.869	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

SAMPLE RESULTS

Lab ID: L2438431-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER ST.

Date Collected: 07/09/24 09:00
Date Received: 07/09/24
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 Lab								
p/m-Xylene	3.10	0.400	--	13.5	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.04	0.200	--	4.52	0.869	--		1
4-Ethyltoluene	0.278	0.200	--	1.37	0.983	--		1
1,3,5-Trimethylbenzene	0.319	0.200	--	1.57	0.983	--		1
1,2,4-Trimethylbenzene	1.25	0.200	--	6.15	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	106		60-140
Bromochloromethane	118		60-140
chlorobenzene-d5	130		60-140

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/12/24 13:30

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1946353-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER PRE/POST CARBON **Lab Number:** L2438431

Project Number: 01101 **Report Date:** 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/12/24 13:30

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1946353-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2438431
Report Date: 07/16/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 07/12/24 13:30

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1946353-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2438431

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946353-3								
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	106		-		70-130	-		
Freon-114	120		-		70-130	-		
Vinyl chloride	107		-		70-130	-		
1,3-Butadiene	125		-		70-130	-		
Bromomethane	105		-		70-130	-		
Chloroethane	104		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	93		-		70-130	-		
Acetone	81		-		40-160	-		
Trichlorofluoromethane	74		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	100		-		70-130	-		
Tertiary butyl Alcohol	104		-		70-130	-		
Methylene chloride	111		-		70-130	-		
3-Chloropropene	110		-		70-130	-		
Carbon disulfide	118		-		70-130	-		
Freon-113	109		-		70-130	-		
trans-1,2-Dichloroethene	103		-		70-130	-		
1,1-Dichloroethane	98		-		70-130	-		
Methyl tert butyl ether	104		-		70-130	-		
2-Butanone	93		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2438431

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946353-3								
Ethyl Acetate	122		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	97		-		70-130	-		
1,2-Dichloroethane	71		-		70-130	-		
n-Hexane	118		-		70-130	-		
1,1,1-Trichloroethane	76		-		70-130	-		
Benzene	110		-		70-130	-		
Carbon tetrachloride	82		-		70-130	-		
Cyclohexane	118		-		70-130	-		
1,2-Dichloropropane	100		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	110		-		70-130	-		
Trichloroethene	104		-		70-130	-		
2,2,4-Trimethylpentane	120		-		70-130	-		
Heptane	97		-		70-130	-		
cis-1,3-Dichloropropene	110		-		70-130	-		
4-Methyl-2-pentanone	95		-		70-130	-		
trans-1,3-Dichloropropene	104		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	102		-		70-130	-		
2-Hexanone	104		-		70-130	-		
Dibromochloromethane	114		-		70-130	-		
1,2-Dibromoethane	120		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2438431

Report Date: 07/16/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1946353-3								
Tetrachloroethene	115		-		70-130	-		
Chlorobenzene	123		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
p/m-Xylene	108		-		70-130	-		
Bromoform	118		-		70-130	-		
Styrene	122		-		70-130	-		
1,1,2,2-Tetrachloroethane	130		-		70-130	-		
o-Xylene	110		-		70-130	-		
4-Ethyltoluene	117		-		70-130	-		
1,3,5-Trimethylbenzene	121		-		70-130	-		
1,2,4-Trimethylbenzene	118		-		70-130	-		
Benzyl chloride	126		-		70-130	-		
1,3-Dichlorobenzene	128		-		70-130	-		
1,4-Dichlorobenzene	124		-		70-130	-		
1,2-Dichlorobenzene	122		-		70-130	-		
1,2,4-Trichlorobenzene	130		-		70-130	-		
Naphthalene	119		-		70-130	-		
Hexachlorobutadiene	118		-		70-130	-		

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101

Lab Number: L2438431
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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(*)
L2438431-01A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2438431-01X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2438431-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2438431-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2438431
Project Number:	01101	**Report Date:**	07/16/24

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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2438431
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Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

A - Spectra identified as "Aldol Condensates" are byproducts of the extraction/concentration procedures when acetone is introduced in the process.

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

F - The ratio of quantifier ion response to qualifier ion response falls outside of the laboratory criteria. Results are considered to be an estimated maximum concentration.

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

J - Estimated value. 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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2438431
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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.)

Report Format: Data Usability Report

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

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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, 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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Serial_No:07162417:36

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7/10/24

ALPHA Job #: L2438431

Client Information

Client: Env. Advantage, Inc.
Address: 3636 N. Buffalo Rd.
Orchard Park NY 14126
Phone: 716-667-3130
Fax: 716-667-3156
Email: mhanna@envadvantage.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 155 Chandler Pre/Post Carbon
Project Location: 155 Chandler St.
Project #: 01101
Project Manager: Mark Hanna + Mary Szustak
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☒ Same as Client info PO #: 01101

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Please also email; Mszustak@envadvantage.com labresults@envadvantage.com

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA 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 Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
38431-01	Pre Carbon	7/9/24	9:10	9:10	-	-	SV	CS	5L	-	-	X					
02	Post Carbon	7/9/24	9:00	9:00	-	-	SV	CS	5L	-	-	X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: Tedlar

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Galli Smyth	7/9/24 13:55	J. Alexander (ALPHA)	7/9/24 13:56
J. Alexander	7/9/24 14:46	BVEE SC	7/9/24 14:47
Russell B Eby	7-9-24 20:30		7-10-24 0200

Form No: 101-02 Rev: (25-Sep-15)

Rec'd: MB 7/10/24 09:00 Rel. MB 7/10/24 0950 PAGE

Rel: 7-10-24

Turnaround 07110924-0200

ANALYTICAL REPORT

Lab Number:	L2457404
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	155 CHANDLER PRE/POST CARBON
Project Number:	01101
Report Date:	10/10/24

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101

Lab Number: L2457404
Report Date: 10/10/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2457404-01	PRE CARBON	SOIL_VAPOR	155 CHANDLER STREET	10/03/24 11:50	10/03/24
L2457404-02	POST CARBON	SOIL_VAPOR	155 CHANDLER STREET	10/03/24 11:40	10/03/24

Project Name:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2457404
Project Number:	01101	**Report Date:**	10/10/24

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 Alpha 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, Alpha'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 Alpha Project Manager and made arrangements for Alpha 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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2457404
Project Number:	01101	**Report Date:**	10/10/24

Case Narrative (continued)

Volatile Organics in Air

L2457404-01 and -02: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

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: 10/10/24

AIR

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:50
Date Received: 10/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/10/24 03:09
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.427	0.200	--	2.11	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	14.2	5.00	--	26.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	25.2	1.00	--	59.9	2.38	--		1
Trichlorofluoromethane	0.304	0.200	--	1.71	1.12	--		1
Isopropanol	127	0.500	--	312	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	1.30	0.500	--	3.94	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	1.17	0.200	--	3.64	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	0.225	0.200	--	0.892	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.42	0.500	--	4.19	1.47	--		1
cis-1,2-Dichloroethene	0.933	0.200	--	3.70	0.793	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:50
Date Received: 10/03/24
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 Lab								
Ethyl Acetate	0.707	0.500	--	2.55	1.80	--		1
Chloroform	1.40	0.200	--	6.84	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.339	0.200	--	1.19	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.05	0.200	--	3.35	0.639	--		1
Carbon tetrachloride	1.89	0.200	--	11.9	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	45.1	0.200	--	242	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.42	0.500	--	5.82	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	2.53	0.200	--	9.53	0.754	--		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
Tetrachloroethene	1.49	0.200	--	10.1	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.10	0.200	--	4.78	0.869	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-01
Client ID: PRE CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:50
Date Received: 10/03/24
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 Lab								
p/m-Xylene	5.39	0.400	--	23.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	2.23	0.200	--	9.69	0.869	--		1
4-Ethyltoluene	0.393	0.200	--	1.93	0.983	--		1
1,3,5-Trimethylbenzene	0.549	0.200	--	2.70	0.983	--		1
1,2,4-Trimethylbenzene	2.18	0.200	--	10.7	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	79		60-140
chlorobenzene-d5	76		60-140

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:40
Date Received: 10/03/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/10/24 02:30
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.498	0.200	--	2.46	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	22.3	5.00	--	42.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	25.5	1.00	--	60.6	2.38	--		1
Trichlorofluoromethane	0.328	0.200	--	1.84	1.12	--		1
Isopropanol	210	0.500	--	516	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	1.73	0.200	--	5.39	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	0.214	0.200	--	0.848	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.885	0.200	--	3.51	0.793	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:40
Date Received: 10/03/24
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 Lab								
Ethyl Acetate	0.720	0.500	--	2.59	1.80	--		1
Chloroform	1.68	0.200	--	8.20	0.977	--		1
Tetrahydrofuran	0.570	0.500	--	1.68	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.463	0.200	--	1.63	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.520	0.200	--	1.66	0.639	--		1
Carbon tetrachloride	1.83	0.200	--	11.5	1.26	--		1
Cyclohexane	0.212	0.200	--	0.730	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	1.46	0.200	--	7.85	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.547	0.500	--	2.24	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	4.68	0.200	--	17.6	0.754	--		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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.82	0.200	--	7.91	0.869	--		1

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101
Lab Number: L2457404
Report Date: 10/10/24

SAMPLE RESULTS

Lab ID: L2457404-02
Client ID: POST CARBON
Sample Location: 155 CHANDLER STREET

Date Collected: 10/03/24 11:40
Date Received: 10/03/24
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 Lab								
p/m-Xylene	9.00	0.400	--	39.1	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	3.62	0.200	--	15.7	0.869	--		1
4-Ethyltoluene	0.544	0.200	--	2.67	0.983	--		1
1,3,5-Trimethylbenzene	0.728	0.200	--	3.58	0.983	--		1
1,2,4-Trimethylbenzene	2.72	0.200	--	13.4	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	83		60-140
Bromochloromethane	78		60-140
chlorobenzene-d5	75		60-140

Project Name: 155 CHANDLER PRE/POST CARBON **Lab Number:** L2457404

Project Number: 01101 **Report Date:** 10/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/24 16:13

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1982257-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER PRE/POST CARBON **Lab Number:** L2457404

Project Number: 01101 **Report Date:** 10/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/24 16:13

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1982257-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER PRE/POST CARBON **Lab Number:** L2457404

Project Number: 01101 **Report Date:** 10/10/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/09/24 16:13

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-02 Batch: WG1982257-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2457404

Report Date: 10/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1982257-3								
Dichlorodifluoromethane	88		-		70-130	-		
Chloromethane	77		-		70-130	-		
Freon-114	89		-		70-130	-		
Vinyl chloride	94		-		70-130	-		
1,3-Butadiene	93		-		70-130	-		
Bromomethane	97		-		70-130	-		
Chloroethane	94		-		70-130	-		
Ethanol	83		-		40-160	-		
Vinyl bromide	88		-		70-130	-		
Acetone	98		-		40-160	-		
Trichlorofluoromethane	102		-		70-130	-		
Isopropanol	105		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	72		-		70-130	-		
Methylene chloride	103		-		70-130	-		
3-Chloropropene	99		-		70-130	-		
Carbon disulfide	106		-		70-130	-		
Freon-113	104		-		70-130	-		
trans-1,2-Dichloroethene	107		-		70-130	-		
1,1-Dichloroethane	105		-		70-130	-		
Methyl tert butyl ether	83		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	112		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2457404

Report Date: 10/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1982257-3								
Ethyl Acetate	114		-		70-130	-		
Chloroform	112		-		70-130	-		
Tetrahydrofuran	91		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	114		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
Benzene	105		-		70-130	-		
Carbon tetrachloride	110		-		70-130	-		
Cyclohexane	116		-		70-130	-		
1,2-Dichloropropane	102		-		70-130	-		
Bromodichloromethane	116		-		70-130	-		
1,4-Dioxane	116		-		70-130	-		
Trichloroethene	111		-		70-130	-		
2,2,4-Trimethylpentane	114		-		70-130	-		
Heptane	95		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	93		-		70-130	-		
trans-1,3-Dichloropropene	102		-		70-130	-		
1,1,2-Trichloroethane	104		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	105		-		70-130	-		
Dibromochloromethane	123		-		70-130	-		
1,2-Dibromoethane	104		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 155 CHANDLER PRE/POST CARBON

Project Number: 01101

Lab Number: L2457404

Report Date: 10/10/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-02 Batch: WG1982257-3								
Tetrachloroethene	107		-		70-130	-		
Chlorobenzene	109		-		70-130	-		
Ethylbenzene	107		-		70-130	-		
p/m-Xylene	109		-		70-130	-		
Bromoform	125		-		70-130	-		
Styrene	107		-		70-130	-		
1,1,2,2-Tetrachloroethane	122		-		70-130	-		
o-Xylene	112		-		70-130	-		
4-Ethyltoluene	106		-		70-130	-		
1,3,5-Trimethylbenzene	110		-		70-130	-		
1,2,4-Trimethylbenzene	111		-		70-130	-		
Benzyl chloride	92		-		70-130	-		
1,3-Dichlorobenzene	116		-		70-130	-		
1,4-Dichlorobenzene	115		-		70-130	-		
1,2-Dichlorobenzene	115		-		70-130	-		
1,2,4-Trichlorobenzene	108		-		70-130	-		
Naphthalene	105		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Project Name: 155 CHANDLER PRE/POST CARBON
Project Number: 01101

Lab Number: L2457404
Report Date: 10/10/24

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(*)
L2457404-01A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2457404-01X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2457404-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2457404-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2457404
Project Number:	01101	**Report Date:**	10/10/24

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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2457404
Project Number:	01101	**Report Date:**	10/10/24

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:	155 CHANDLER PRE/POST CARBON	**Lab Number:**	L2457404
Project Number:	01101	**Report Date:**	10/10/24

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.)

Report Format: Data Usability Report

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

Alpha Analytical 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 Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical 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 Alpha Analytical.

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
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
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.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

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

Westborough Facility:

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, 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, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility:

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

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

Serial_No:10102417:21

AIR ANALYSIS

PAGE 1 OF 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 10/4/24

ALPHA Job #: L2457404

Client Information

Client: Environmental Advantage, Inc
Address: 3636 N. Buffalo Rd.
Orchard Park, NY, 14127
Phone: 716-667-3130
Fax: 716-667-3156
Email: mhanna@envadvantage.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 155 Chandler Pre/Post Carbon
Project Location: 155 Chandler Street
Project #: 01101
Project Manager: Mark Hanna & Mary Szustak
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)

Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker: _____
(Default based on Regulatory Criteria Indicated)
Other Formats: _____
☐ EMAIL (standard pdf report)
☐ Additional Deliverables: _____
Report to: (if different than Project Manager) _____

Billing Information

☑ Same as Client info PO #: 01101

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: Please also email: mszustak@envadvantage.com labresults@envadvantage.com

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA 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)
57404-01	Pre Carbon	10/03/24	11:50	11:50	–	–	SV	CS	5L	–	–	X						
02	Post Carbon	10/03/24	11:40	11:40	–	–	SV	CS	5L	–	–	X						

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type Tedlar

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Collin Snyder	10/3/24 14:05	PACE	10/3 1405
Russell B Bixby	10-3-24 15:43		
			10/04/24 03:00
10/04/24 05:00		Ed Mendoza ANL 10/4/24 0523	rel: Ed Mendoza ANL 10/4/24 0710

ANALYTICAL REPORT

Lab Number:	L2501920
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	155 CHANDLER QUARTERLY
Project Number:	01101
Report Date:	01/27/25

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

Certifications & Approvals: NH ELAP (2249).

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2501920-01	PRE-CARBON (011325)	SOIL_VAPOR	155 CHANDLER ST. BUFFALO	01/13/25 10:46	01/13/25
L2501920-02	POST-CARBON (011325)	SOIL_VAPOR	155 CHANDLER ST. BUFFALO	01/13/25 10:48	01/13/25

Project Name:	155 CHANDLER QUARTERLY	**Lab Number:**	L2501920
Project Number:	01101	**Report Date:**	01/27/25

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:	155 CHANDLER QUARTERLY	**Lab Number:**	L2501920
Project Number:	01101	**Report Date:**	01/27/25

Case Narrative (continued)

Volatile Organics in Air

L2501920-01: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

The WG2023336-2 CC recovery associated with [WG2023336] is above the upper 130% acceptance limit for Acetone. Any samples associated with this CC that have reportable amounts of this analyte will be reported with high bias.

WG2023714-3: The [LCS] associated with WG2023714-3 did not meet the acceptance criteria for the [full scan] analysis. The associated compound(s) for those samples were reported from the [SIM] analysis.

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: 01/27/25

AIR

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-01
Client ID: PRE-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:46
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/25/25 04:29
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.514	0.200	--	2.54	0.989	--		1
Chloromethane	0.202	0.200	--	0.417	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	9.54	5.00	--	18.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.16	1.00	--	14.6	2.38	--		1
Trichlorofluoromethane	0.309	0.200	--	1.74	1.12	--		1
Isopropanol	26.9	1.00	--	66.1	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.296	0.200	--	0.922	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
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.550	0.200	--	2.18	0.793	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-01
Client ID: PRE-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:46
Date Received: 01/13/25
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 Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.04	0.200	--	5.08	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.237	0.200	--	0.835	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.325	0.200	--	1.04	0.639	--		1
Carbon tetrachloride	1.83	0.200	--	11.5	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	37.9	0.200	--	204	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.805	0.500	--	3.30	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	0.900	0.200	--	3.39	0.754	--		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
Tetrachloroethene	0.690	0.200	--	4.68	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.247	0.200	--	1.07	0.869	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-01
Client ID: PRE-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:46
Date Received: 01/13/25
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 Lab								
p/m-Xylene	1.09	0.400	--	4.73	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.404	0.200	--	1.75	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.465	0.200	--	2.29	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	102		60-140

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-02
Client ID: POST-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:48
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 01/27/25 00:21
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.656	0.200	--	3.24	0.989	--		1
Chloromethane	0.264	0.200	--	0.545	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	16.4	5.00	--	30.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.69	1.00	--	18.3	2.38	--		1
Trichlorofluoromethane	0.396	0.200	--	2.23	1.12	--		1
Isopropanol	28.8	1.00	--	70.8	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.602	0.200	--	1.87	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
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.580	0.200	--	2.30	0.793	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-02
Client ID: POST-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:48
Date Received: 01/13/25
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 Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	1.18	0.200	--	5.76	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.254	0.200	--	0.811	0.639	--		1
Carbon tetrachloride	2.14	0.200	--	13.5	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	14.7	0.200	--	79.0	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.659	0.500	--	2.70	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	0.732	0.200	--	2.76	0.754	--		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
Tetrachloroethene	1.01	0.200	--	6.85	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.276	0.200	--	1.20	0.869	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-02
Client ID: POST-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:48
Date Received: 01/13/25
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 Lab								
p/m-Xylene	1.28	0.400	--	5.56	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.457	0.200	--	1.99	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.483	0.200	--	2.37	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	97		60-140

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

SAMPLE RESULTS

Lab ID: L2501920-02
Client ID: POST-CARBON (011325)
Sample Location: 155 CHANDLER ST. BUFFALO

Date Collected: 01/13/25 10:48
Date Received: 01/13/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/27/25 00:21
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG2023336-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG2023336-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/24/25 14:36

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01 Batch: WG2023336-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/25 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG2023714-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/25 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG2023714-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/26/25 17:45

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 02 Batch: WG2023714-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/26/25 18:24

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): 02 Batch: WG2023715-4								
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG2023336-3								
Dichlorodifluoromethane	89		-		70-130	-		
Chloromethane	95		-		70-130	-		
Freon-114	113		-		70-130	-		
Vinyl chloride	117		-		70-130	-		
1,3-Butadiene	115		-		70-130	-		
Bromomethane	122		-		70-130	-		
Chloroethane	122		-		70-130	-		
Ethanol	89		-		40-160	-		
Vinyl bromide	121		-		70-130	-		
Acetone	131		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	111		-		40-160	-		
1,1-Dichloroethene	116		-		70-130	-		
Tertiary butyl Alcohol	70		-		70-130	-		
Methylene chloride	100		-		70-130	-		
3-Chloropropene	115		-		70-130	-		
Carbon disulfide	104		-		70-130	-		
Freon-113	102		-		70-130	-		
trans-1,2-Dichloroethene	123		-		70-130	-		
1,1-Dichloroethane	112		-		70-130	-		
Methyl tert butyl ether	98		-		70-130	-		
2-Butanone	112		-		70-130	-		
cis-1,2-Dichloroethene	113		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG2023336-3								
Ethyl Acetate	116		-		70-130	-		
Chloroform	96		-		70-130	-		
Tetrahydrofuran	125		-		70-130	-		
1,2-Dichloroethane	92		-		70-130	-		
n-Hexane	130		-		70-130	-		
1,1,1-Trichloroethane	93		-		70-130	-		
Benzene	101		-		70-130	-		
Carbon tetrachloride	84		-		70-130	-		
Cyclohexane	121		-		70-130	-		
1,2-Dichloropropane	125		-		70-130	-		
Bromodichloromethane	112		-		70-130	-		
1,4-Dioxane	122		-		70-130	-		
Trichloroethene	107		-		70-130	-		
2,2,4-Trimethylpentane	129		-		70-130	-		
Heptane	128		-		70-130	-		
cis-1,3-Dichloropropene	103		-		70-130	-		
4-Methyl-2-pentanone	122		-		70-130	-		
trans-1,3-Dichloropropene	98		-		70-130	-		
1,1,2-Trichloroethane	111		-		70-130	-		
Toluene	112		-		70-130	-		
2-Hexanone	118		-		70-130	-		
Dibromochloromethane	107		-		70-130	-		
1,2-Dibromoethane	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01 Batch: WG2023336-3								
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	100		-		70-130	-		
Ethylbenzene	110		-		70-130	-		
p/m-Xylene	112		-		70-130	-		
Bromoform	107		-		70-130	-		
Styrene	101		-		70-130	-		
1,1,2,2-Tetrachloroethane	110		-		70-130	-		
o-Xylene	114		-		70-130	-		
4-Ethyltoluene	105		-		70-130	-		
1,3,5-Trimethylbenzene	102		-		70-130	-		
1,2,4-Trimethylbenzene	103		-		70-130	-		
Benzyl chloride	70		-		70-130	-		
1,3-Dichlorobenzene	102		-		70-130	-		
1,4-Dichlorobenzene	95		-		70-130	-		
1,2-Dichlorobenzene	96		-		70-130	-		
1,2,4-Trichlorobenzene	94		-		70-130	-		
Naphthalene	120		-		70-130	-		
Hexachlorobutadiene	85		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG2023714-3								
Dichlorodifluoromethane	118		-		70-130	-		
Chloromethane	87		-		70-130	-		
Freon-114	114		-		70-130	-		
Vinyl chloride	104		-		70-130	-		
1,3-Butadiene	111		-		70-130	-		
Bromomethane	110		-		70-130	-		
Chloroethane	104		-		70-130	-		
Ethanol	125		-		40-160	-		
Vinyl bromide	106		-		70-130	-		
Acetone	119		-		40-160	-		
Trichlorofluoromethane	111		-		70-130	-		
Isopropanol	76		-		40-160	-		
1,1-Dichloroethene	112		-		70-130	-		
Tertiary butyl Alcohol	117		-		70-130	-		
Methylene chloride	107		-		70-130	-		
3-Chloropropene	114		-		70-130	-		
Carbon disulfide	100		-		70-130	-		
Freon-113	113		-		70-130	-		
trans-1,2-Dichloroethene	113		-		70-130	-		
1,1-Dichloroethane	107		-		70-130	-		
Methyl tert butyl ether	112		-		70-130	-		
2-Butanone	109		-		70-130	-		
cis-1,2-Dichloroethene	110		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG2023714-3								
Ethyl Acetate	122		-		70-130	-		
Chloroform	113		-		70-130	-		
Tetrahydrofuran	105		-		70-130	-		
1,2-Dichloroethane	114		-		70-130	-		
n-Hexane	113		-		70-130	-		
1,1,1-Trichloroethane	110		-		70-130	-		
Benzene	99		-		70-130	-		
Carbon tetrachloride	124		-		70-130	-		
Cyclohexane	112		-		70-130	-		
1,2-Dichloropropane	103		-		70-130	-		
Bromodichloromethane	124		-		70-130	-		
1,4-Dioxane	113		-		70-130	-		
Trichloroethene	109		-		70-130	-		
2,2,4-Trimethylpentane	117		-		70-130	-		
Heptane	110		-		70-130	-		
cis-1,3-Dichloropropene	109		-		70-130	-		
4-Methyl-2-pentanone	111		-		70-130	-		
trans-1,3-Dichloropropene	118		-		70-130	-		
1,1,2-Trichloroethane	106		-		70-130	-		
Toluene	95		-		70-130	-		
2-Hexanone	107		-		70-130	-		
Dibromochloromethane	124		-		70-130	-		
1,2-Dibromoethane	108		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 02 Batch: WG2023714-3								
Tetrachloroethene	104		-		70-130	-		
Chlorobenzene	104		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	104		-		70-130	-		
Bromoform	126		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	104		-		70-130	-		
4-Ethyltoluene	112		-		70-130	-		
1,3,5-Trimethylbenzene	109		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	118		-		70-130	-		
1,3-Dichlorobenzene	113		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
1,2-Dichlorobenzene	106		-		70-130	-		
1,2,4-Trichlorobenzene	71		-		70-130	-		
Naphthalene	90		-		70-130	-		
Hexachlorobutadiene	**52**	Q	-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

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): 02 Batch: WG2023715-3								
Hexachlorobutadiene	111		-		70-130	-		25

Project Name: 155 CHANDLER QUARTERLY
Project Number: 01101

Lab Number: L2501920
Report Date: 01/27/25

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(*)
L2501920-01A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2501920-01X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2501920-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2501920-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER QUARTERLY	**Lab Number:**	L2501920
Project Number:	01101	**Report Date:**	01/27/25

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:	155 CHANDLER QUARTERLY	**Lab Number:**	L2501920
Project Number:	01101	**Report Date:**	01/27/25

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:	155 CHANDLER QUARTERLY	**Lab Number:**	L2501920
Project Number:	01101	**Report Date:**	01/27/25

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: 155 CHANDLER QUARTERLY
Project Number: 01101
Lab Number: L2501920
Report Date: 01/27/25

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, 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, EPA 1600, EPA 1603, SM9222D.**

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL
320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 1/14/25

ALPHA Job #: L2501920

Client Information

Client: Environmental Advantage
Address: 3030 N. Buffalo Rd
Orchard Park, NY 14127
Phone: 716-667-3130
Fax:
Email: mhanna@envadvantage.com
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: 155 Chandler Quarterly
Project Location: 155 Chandler St. Buffalo
Project #: 01101
Project Manager: Mark Hanna
ALPHA Quote #:

Turn-Around Time

☑ Standard ☐ RUSH (only confirmed if pre-approved)
Date Due: Time:

Report Information - Data Deliverables

☐ FAX
☐ ADEx
Criteria Checker:
(Default based on Regulatory Criteria Indicated)
Other Formats:
☐ EMAIL (standard pdf report)
☐ Additional Deliverables:
Report to: (if different than Project Manager)

Billing Information

☑ Same as Client info PO #: 01101

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: send results to labresults+mszustak@envadvantage.com

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA 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	ANALYSIS TO-15	TO-15 SIM	APH (Solvent Range/Petroleum HCs) ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
01920-01	pre-carbon (011325)	1/13/25	[redacted]	10:46	—	—	other	MS	Ted	—		X					
02	post-carbon (011325)	1/13/25	[redacted]	10:48	—	—	other	MS	Ted	—		X					

*SAMPLE MATRIX CODES
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Container Type: T

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

Relinquished By:	Date/Time	Received By:	Date/Time:
Mary Szustak	1/13/25 2:21p	Romeo Mackface	1-13-25 1426
Romeo Mackface	1-13-25 1506	Buffalo S/C	1-13-25 1506
Russell B Bishop	1-13-25 15:18		
	0030		1/14 0030
Jason	1/14/25 09:00		

Rec. Ed Mendoza AAC 1/14/25 0640 1/14/25 0640

Form No: 101-02 Rev: (25-Sep-15)

ANALYTICAL REPORT

Lab Number:	L2519955
Client:	Matrix Environmental Technologies 3730 California Road Orchard Park, NY 14127
ATTN:	Mary Szustak
Phone:	(716) 662-0745
Project Name:	155 CHANDLER PABC
Project Number:	22-068
Report Date:	04/22/25

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

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0825), DoD (L2474), FL (E87814), IL (200081), IN (C-MA-04), KY (KY98046), LA (85084), ME (MA00030), MD (350), MI (9110), MN (025-999-495), NJ (MA015), NY (11627), NC (685), OR (MA-0262), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #525-23-107-88708A1), USFWS (Permit #A24920).

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

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2519955-01	PRE-CARBON	SOIL_VAPOR	155 CHANDLER ST., BUFFALO, NY	04/02/25 10:35	04/02/25
L2519955-02	POST-CARBON	SOIL_VAPOR	155 CHANDLER ST., BUFFALO, NY	04/02/25 10:30	04/02/25

Project Name:	155 CHANDLER PABC	**Lab Number:**	L2519955
Project Number:	22-068	**Report Date:**	04/22/25

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:	155 CHANDLER PABC	**Lab Number:**	L2519955
Project Number:	22-068	**Report Date:**	04/22/25

Case Narrative (continued)

Volatile Organics in Air

L2519955-01 and -02: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

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: 04/22/25

AIR

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-01
Client ID: PRE-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:35
Date Received: 04/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/22/25 01:41
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.434	0.200	--	2.15	0.989	--		1
Chloromethane	0.278	0.200	--	0.574	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	14.5	5.00	--	27.3	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	10.1	1.00	--	24.0	2.38	--		1
Trichlorofluoromethane	0.337	0.200	--	1.89	1.12	--		1
Isopropanol	29.0	1.00	--	71.3	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.214	0.200	--	0.666	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
2-Butanone	5.78	0.500	--	17.0	1.47	--		1
cis-1,2-Dichloroethene	0.392	0.200	--	1.55	0.793	--		1

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-01
Client ID: PRE-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:35
Date Received: 04/02/25
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								
Ethyl Acetate	9.64	0.500	--	34.7	1.80	--		1
Chloroform	1.11	0.200	--	5.42	0.977	--		1
Tetrahydrofuran	1.03	0.500	--	3.04	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.722	0.200	--	2.54	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	2.53	0.200	--	15.9	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	32.6	0.200	--	175	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	0.240	0.200	--	0.984	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	2.80	0.200	--	10.6	0.754	--		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
Tetrachloroethene	0.245	0.200	--	1.66	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	7.73	0.200	--	33.6	0.869	--		1

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-01
Client ID: PRE-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:35
Date Received: 04/02/25
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								
p/m-Xylene	31.9	0.400	--	139	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.399	0.200	--	1.70	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	9.44	0.200	--	41.0	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.500	0.200	--	2.46	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	101		60-140

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-02
Client ID: POST-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:30
Date Received: 04/02/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 04/22/25 02:12
Analyst: TPH

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.442	0.200	--	2.19	0.989	--		1
Chloromethane	0.308	0.200	--	0.636	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	15.3	5.00	--	28.8	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	7.86	1.00	--	18.7	2.38	--		1
Trichlorofluoromethane	0.297	0.200	--	1.67	1.12	--		1
Isopropanol	53.5	1.00	--	132	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.233	0.200	--	0.726	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
2-Butanone	7.47	0.500	--	22.0	1.47	--		1
cis-1,2-Dichloroethene	0.331	0.200	--	1.31	0.793	--		1

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-02
Client ID: POST-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:30
Date Received: 04/02/25
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								
Ethyl Acetate	4.01	0.500	--	14.5	1.80	--		1
Chloroform	0.960	0.200	--	4.69	0.977	--		1
Tetrahydrofuran	0.812	0.500	--	2.39	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.25	0.200	--	18.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	1.63	0.200	--	10.3	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
Heptane	0.218	0.200	--	0.893	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.766	0.500	--	3.14	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	3.26	0.200	--	12.3	0.754	--		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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	9.54	0.200	--	41.4	0.869	--		1

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

SAMPLE RESULTS

Lab ID: L2519955-02
Client ID: POST-CARBON
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 04/02/25 10:30
Date Received: 04/02/25
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								
p/m-Xylene	38.3	0.400	--	166	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.594	0.200	--	2.53	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	12.3	0.200	--	53.4	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.523	0.200	--	2.57	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	101		60-140
Bromochloromethane	102		60-140
chlorobenzene-d5	101		60-140

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/25 17:00

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): 01-02 Batch: WG2056708-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/25 17:00

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): 01-02 Batch: WG2056708-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 04/21/25 17:00

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): 01-02 Batch: WG2056708-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2056708-3								
Dichlorodifluoromethane	103		-		70-130	-		
Chloromethane	97		-		70-130	-		
Freon-114	116		-		70-130	-		
Vinyl chloride	107		-		70-130	-		
1,3-Butadiene	96		-		70-130	-		
Bromomethane	116		-		70-130	-		
Chloroethane	106		-		70-130	-		
Ethanol	87		-		40-160	-		
Vinyl bromide	104		-		70-130	-		
Acetone	108		-		40-160	-		
Trichlorofluoromethane	111		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	123		-		70-130	-		
Tertiary butyl Alcohol	89		-		70-130	-		
Methylene chloride	113		-		70-130	-		
3-Chloropropene	99		-		70-130	-		
Carbon disulfide	110		-		70-130	-		
Freon-113	115		-		70-130	-		
trans-1,2-Dichloroethene	107		-		70-130	-		
1,1-Dichloroethane	109		-		70-130	-		
Methyl tert butyl ether	101		-		70-130	-		
2-Butanone	91		-		70-130	-		
cis-1,2-Dichloroethene	101		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2056708-3								
Ethyl Acetate	82		-		70-130	-		
Chloroform	104		-		70-130	-		
Tetrahydrofuran	101		-		70-130	-		
1,2-Dichloroethane	99		-		70-130	-		
n-Hexane	98		-		70-130	-		
1,1,1-Trichloroethane	105		-		70-130	-		
Benzene	104		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	96		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	108		-		70-130	-		
1,4-Dioxane	102		-		70-130	-		
Trichloroethene	105		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	99		-		70-130	-		
cis-1,3-Dichloropropene	112		-		70-130	-		
4-Methyl-2-pentanone	104		-		70-130	-		
trans-1,3-Dichloropropene	118		-		70-130	-		
1,1,2-Trichloroethane	111		-		70-130	-		
Toluene	104		-		70-130	-		
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	114		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-02		Batch: WG2056708-3					
Tetrachloroethene	103		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	104		-		70-130	-		
p/m-Xylene	107		-		70-130	-		
Bromoform	113		-		70-130	-		
Styrene	106		-		70-130	-		
1,1,2,2-Tetrachloroethane	113		-		70-130	-		
o-Xylene	106		-		70-130	-		
4-Ethyltoluene	105		-		70-130	-		
1,3,5-Trimethylbenzene	108		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	79		-		70-130	-		
1,3-Dichlorobenzene	112		-		70-130	-		
1,4-Dichlorobenzene	111		-		70-130	-		
1,2-Dichlorobenzene	110		-		70-130	-		
1,2,4-Trichlorobenzene	107		-		70-130	-		
Naphthalene	89		-		70-130	-		
Hexachlorobutadiene	102		-		70-130	-		

Project Name: 155 CHANDLER PABC
Project Number: 22-068

Lab Number: L2519955
Report Date: 04/22/25

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(*)
L2519955-01A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2519955-01X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2519955-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2519955-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER PABC	**Lab Number:**	L2519955
Project Number:	22-068	**Report Date:**	04/22/25

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:	155 CHANDLER PABC	**Lab Number:**	L2519955
Project Number:	22-068	**Report Date:**	04/22/25

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:	155 CHANDLER PABC	**Lab Number:**	L2519955
Project Number:	22-068	**Report Date:**	04/22/25

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.)

Report Format: Data Usability Report

Project Name: 155 CHANDLER PABC
Project Number: 22-068
Lab Number: L2519955
Report Date: 04/22/25

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, 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, EPA 1600, EPA 1603, SM9222D.**

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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

CHAIN OF CUSTODY

PAGE 1 OF 1

ALPHA ANALYTICAL

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 4/3/25

ALPHA Job #: L2519955

Client Information

Client: Martix Environmental Technologies
Address: 3730 California Road
Orchard Park, New York 14127
Phone: 716-662-0745
Fax:
Email: mszustak@matrixbiotech.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: 155 Chandler PABC
Project Location: 155 Chandler St., Buffalo, NY
Project #: 22-068
Project Manager: M. Deyo
ALPHA Quote #:

Turn-Around-Time

☒ Standard ☐ Rush (only confirmed if pre-approved)

Date Due: Time:

Report/Data Deliverables Information

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #: 22-068

Regulatory Requirements/Report Limits

State/Fed	Program	Residential/Commercial
NYSDOH		

Other Project Specific Requirements/Comments:
☐ Project-Specific Target Compound List
Please CC results to CCurtis@matrixbiotech.com

All Columns Below Must Be Filled Out

Analysis

Alpha Lab Use Only	Sample ID	Collection: End Date	Collection: Start Time	Collection: End Time	Collection: Initial Vac	Collection: Final Vac	Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	TO-15	TO-15 SIM	Subtract non-petroleum HCs: APH	FIXED GASES	Sulfides & Mercaptans by TO-15			Sample Specific Comments (i.e. PID)
19255-01	Pre-Carbon	4/2/25	18:35				SV	MM				☒	☐	☐	☐	☐	☐	☐	
02	Post-Carbon	4/2/25	10:30				SV	MM				☒	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
											Container Type	-	-	-	-	-	-	-	

*SAMPLE MATRIX CODES:
AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By	Date/Time	Received By:	Date/Time
Mitchell Morrow	4/2/25 3:20PM	Matt PAC	4/2/25 15:54
Matt	4/2/25 1920	BUFFALO SC	4-2-25 21:25
Russell B Bixby	4-2-25 10:30		4/3/25
	4/3/25 0230		0220 4/3/25 0700
04/03/25 0500		R Mendoza AAL	
R Mendoza AAL	4/3/25 0615		4/3/25 0640

Please print clearly & legibly and completely. Samples cannot be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Form 101-02 (I) Rev. 25-Sept-15

ANALYTICAL REPORT

Lab Number:	L2546325
Client:	Matrix Environmental Technologies 3730 California Road Orchard Park, NY 14127
ATTN:	Mary Szustak
Phone:	(716) 662-0745
Project Name:	155 CHANDLER PABC Q32025 SSDS
Project Number:	22-068
Report Date:	08/04/25

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

Certifications & Approvals: NH ELAP (2249).

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

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068

Lab Number: L2546325
Report Date: 08/04/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2546325-01	PRE-CARBON (072325)	SOIL_VAPOR	155 CHANDLER ST., BUFFALO, NY	07/23/25 08:43	07/23/25
L2546325-02	POST-CARBON (072325)	SOIL_VAPOR	155 CHANDLER ST., BUFFALO, NY	07/23/25 09:00	07/23/25

Project Name:	155 CHANDLER PABC Q32025 SSDS	**Lab Number:**	L2546325
Project Number:	22-068	**Report Date:**	08/04/25

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:	155 CHANDLER PABC Q32025 SSDS	**Lab Number:**	L2546325
Project Number:	22-068	**Report Date:**	08/04/25

Case Narrative (continued)

Volatile Organics in Air

L2546325-01 and -02: Samples were transferred from a Tedlar bag into a fused silica lined canister upon receipt in order to extend the holding time for analysis.

The WG2098443-3 LCS recovery associated with L2546325-01 and -02 isbelow the acceptance limit for vinyl acetate (58%). All samples associated with this LCS are considered biased low for this analyte.

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: 08/04/25

AIR

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-01
Client ID: PRE-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 08:43
Date Received: 07/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/04/25 01:54
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.446	0.200	--	2.21	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	20.8	5.00	--	39.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	13.8	1.00	--	32.8	2.38	--		1
Trichlorofluoromethane	0.402	0.200	--	2.26	1.12	--		1
Isopropanol	59.3	1.00	--	146	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.456	0.200	--	1.42	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
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.652	0.200	--	2.59	0.793	--		1

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-01
Client ID: PRE-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 08:43
Date Received: 07/23/25
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								
Ethyl Acetate	44.8	0.500	--	161	1.80	--		1
Chloroform	1.58	0.200	--	7.72	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.330	0.200	--	1.05	0.639	--		1
Carbon tetrachloride	2.59	0.200	--	16.3	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	38.8	0.200	--	209	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.46	0.500	--	5.98	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	1.73	0.200	--	6.52	0.754	--		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
Tetrachloroethene	0.696	0.200	--	4.72	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.237	0.200	--	1.03	0.869	--		1

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-01
Client ID: PRE-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 08:43
Date Received: 07/23/25
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								
p/m-Xylene	1.15	0.400	--	5.00	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.524	0.200	--	2.28	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.305	0.200	--	1.50	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	105		60-140
Bromochloromethane	105		60-140
chlorobenzene-d5	107		60-140

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-02
Client ID: POST-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 09:00
Date Received: 07/23/25
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 08/04/25 02:33
Analyst: RAY

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								
Dichlorodifluoromethane	0.429	0.200	--	2.12	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	26.2	5.00	--	49.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	6.84	1.00	--	16.2	2.38	--		1
Trichlorofluoromethane	0.351	0.200	--	1.97	1.12	--		1
Isopropanol	55.4	1.00	--	136	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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	0.394	0.200	--	1.23	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
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	0.549	0.200	--	2.18	0.793	--		1

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-02
Client ID: POST-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 09:00
Date Received: 07/23/25
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								
Ethyl Acetate	45.8	0.500	--	165	1.80	--		1
Chloroform	1.70	0.200	--	8.30	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	0.205	0.200	--	0.722	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.276	0.200	--	0.882	0.639	--		1
Carbon tetrachloride	2.71	0.200	--	17.0	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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	36.9	0.200	--	198	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.65	0.500	--	6.76	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	2.06	0.200	--	7.76	0.754	--		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
Tetrachloroethene	0.983	0.200	--	6.67	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.293	0.200	--	1.27	0.869	--		1

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

SAMPLE RESULTS

Lab ID: L2546325-02
Client ID: POST-CARBON (072325)
Sample Location: 155 CHANDLER ST., BUFFALO, NY

Date Collected: 07/23/25 09:00
Date Received: 07/23/25
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								
p/m-Xylene	1.50	0.400	--	6.52	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.619	0.200	--	2.69	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.398	0.200	--	1.96	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	108		60-140
Bromochloromethane	109		60-140
chlorobenzene-d5	102		60-140

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/25 15:15

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): 01-02 Batch: WG2098443-4								
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
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		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
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	1.00	--	ND	2.46	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
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
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

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/25 15:15

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): 01-02 Batch: WG2098443-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		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
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
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
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 08/03/25 15:15

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): 01-02 Batch: WG2098443-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		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
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.190	--	ND	0.996	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2098443-3								
Dichlorodifluoromethane	104		-		70-130	-		
Chloromethane	103		-		70-130	-		
Freon-114	112		-		70-130	-		
Vinyl chloride	107		-		70-130	-		
1,3-Butadiene	108		-		70-130	-		
Bromomethane	106		-		70-130	-		
Chloroethane	109		-		70-130	-		
Ethanol	94		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	95		-		40-160	-		
Trichlorofluoromethane	94		-		70-130	-		
Isopropanol	90		-		40-160	-		
1,1-Dichloroethene	110		-		70-130	-		
Tertiary butyl Alcohol	96		-		70-130	-		
Methylene chloride	104		-		70-130	-		
3-Chloropropene	102		-		70-130	-		
Carbon disulfide	101		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	100		-		70-130	-		
1,1-Dichloroethane	100		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
2-Butanone	100		-		70-130	-		
cis-1,2-Dichloroethene	99		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2098443-3								
Ethyl Acetate	106		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	107		-		70-130	-		
1,2-Dichloroethane	95		-		70-130	-		
n-Hexane	116		-		70-130	-		
1,1,1-Trichloroethane	102		-		70-130	-		
Benzene	107		-		70-130	-		
Carbon tetrachloride	103		-		70-130	-		
Cyclohexane	114		-		70-130	-		
1,2-Dichloropropane	114		-		70-130	-		
Bromodichloromethane	111		-		70-130	-		
1,4-Dioxane	111		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	117		-		70-130	-		
Heptane	117		-		70-130	-		
cis-1,3-Dichloropropene	118		-		70-130	-		
4-Methyl-2-pentanone	115		-		70-130	-		
trans-1,3-Dichloropropene	127		-		70-130	-		
1,1,2-Trichloroethane	108		-		70-130	-		
Toluene	102		-		70-130	-		
2-Hexanone	110		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	102		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068
Lab Number: L2546325
Report Date: 08/04/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-02 Batch: WG2098443-3								
Tetrachloroethene	90		-		70-130	-		
Chlorobenzene	99		-		70-130	-		
Ethylbenzene	99		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	100		-		70-130	-		
Styrene	100		-		70-130	-		
1,1,2,2-Tetrachloroethane	107		-		70-130	-		
o-Xylene	102		-		70-130	-		
4-Ethyltoluene	99		-		70-130	-		
1,3,5-Trimethylbenzene	100		-		70-130	-		
1,2,4-Trimethylbenzene	104		-		70-130	-		
Benzyl chloride	85		-		70-130	-		
1,3-Dichlorobenzene	93		-		70-130	-		
1,4-Dichlorobenzene	92		-		70-130	-		
1,2-Dichlorobenzene	92		-		70-130	-		
1,2,4-Trichlorobenzene	91		-		70-130	-		
Naphthalene	86		-		70-130	-		
Hexachlorobutadiene	84		-		70-130	-		

Project Name: 155 CHANDLER PABC Q32025 SSDS
Project Number: 22-068

Lab Number: L2546325
Report Date: 08/04/25

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(*)
L2546325-01A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2546325-01X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2546325-02A	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)
L2546325-02X	Tedlar Bag 5 liter-Polypropylene Fitting	NA	NA			Y	Absent		TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER PABC Q32025 SSDS	**Lab Number:**	L2546325
Project Number:	22-068	**Report Date:**	08/04/25

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:	155 CHANDLER PABC Q32025 SSDS	**Lab Number:**	L2546325
Project Number:	22-068	**Report Date:**	08/04/25

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:	155 CHANDLER PABC Q32025 SSDS	**Lab Number:**	L2546325
Project Number:	22-068	**Report Date:**	08/04/25

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: 155 CHANDLER PABC Q32025 SSDS **Lab Number:** L2546325

Project Number: 22-068 **Report Date:** 08/04/25

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 1

CHAIN OF CUSTODY

ALPHA ANALYTICAL

320 Forbes Blvd, Mansfield, MA 02048
TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 7-24-25

ALPHA Job #: L2546325

Client Information

Client: Martix Environmental Technologies
Address: 3730 California Road
Orchard Park, New York 14127
Phone: 716-662-0745
Fax:
Email: mszustak@matrixbiotech.com

☐ These samples have been Previously analyzed by Alpha

Project Information

Project Name: 155 Chandler PABC Q32025 SSDS
Project Location: 155 Chandler St., Buffalo, NY
Project #: 22-068
Project Manager: M. Deyo
ALPHA Quote #:

Turn-Around-Time

☒ Standard ☐ Rush (only confirmed if pre-approved)

Date Due: Time:

Report/Data Deliverables Information

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☒ Same as Client info PO #: 22-068

Regulatory Requirements/Report Limits

State/Fed	Program	Residential/Commercial
NYSDOH		

Other Project Specific Requirements/Comments:
☐ Project-Specific Target Compound List
Please CC results to CCurtis@matrixbiotech.com

Analysis

All Columns Below Must Be Filled Out

Alpha Lab Use Only	Sample ID	Collection: End Date	Start Time	End Time	Initial Vac	Final Vac	Sample Matrix*	Sampler Initials	Can Size	ID Can	ID Flow Controller	TO-15	TO-15 SIM	Subtract non-petroleum HCs APH ☐	FIXED GASES	Sulfides & Mercaptans by TO-15			Sample Specific Comments (i.e. PID)
46325-01	Pre-Carbon(072325)	7/23/25		843			SV	JM				☒	☐	☐	☐	☐	☐	☐	
-02	Post-Carbon(072325)	7/23/25		900			SV	JM				☒	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
												☐	☐	☐	☐	☐	☐	☐	
											Container Type	-	-	-	-	-	-	-	

***SAMPLE MATRIX CODES:**

AA = Ambient Air (Indoor/Outdoor)
SV = Soil Vapor/Landfill Gas/SVE
Other = Please Specify

Relinquished By	Date/Time	Received By:	Date/Time
J. McCarthy	7/23/25	[illegible]	7.23.25 15:11
[illegible]	7.23.25 15:55	[illegible]	7.23.25 15:4
Russell B. Bailey	7/23/25 >7/24/25 0230	[illegible] PACE	7/23/25 2300 7/24/25 0500
PACE	7/24/25 0505	Chain of Custody 7/24/25 0505	
Chain of Custody 7/24/25 0610		[illegible] 7-24-25 0610	

Please print clearly & legibly and completely. Samples cannot be logged in and turn around time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Payment Terms.

Form 101-02 (I) Rev: 25-Sept-15

Sample Delivery Group Summary

Pace Job Number : L2546325
Received : 23-JUL-2025
Reviewer : Christopher J Anderson

Account Name : Matrix Environmental Technologies
Project Number : 22-068
Project Name : 155 CHANDLER PABC Q32025 SSDS

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**

ATTACHMENT C

DISPOSAL DOCUMENTATION

AMERICAN RECYCLERS COMPANY
Waste Profile Report (WPR)

177 Wales Avenue Tonawanda, New York 14151 *Phone (716) 695-6720 Fax (716) 695-0161*	**APPROVAL NUMBER:** X-27059L **EXPIRATION DATE:** **HANDLING CODE:** L

Generator: Pierce Arrow Business Center EPA ID #:

Address: 155-157 Chandler Street Contact: Rocco Termini

City Buffalo STATE: NY ZIP: 14207 Phone: Fax:

Waste Name: Carbon	Shipping Name: Non RCRA Non DOT Regulated
Generating Process: Changeout from a SSDS system	
	Rate of Generation: Yearly
	Container Type: 55 Gal Poly

Composition of Waste	%		%
Carbon	100 - 100		

Phase	%
Solids	
Liquid	
Sludge	
Debris	

Is the material RCRA listed or Characteristicly Hazardous?	☐ YES	☒ NO
Does the material contain Medical or Biological Wastes?	☐ YES	☒ NO
Does the material contain etiological waste?	☐ YES	☒ NO
Does the material contain, or has it come in contact with PCB's?	☐ YES	☒ NO
Is the material radioactive?	☐ YES	☒ NO
Does the material contain septic or domestic sewage?	☐ YES	☒ NO
Is the material Non-Hazardous as defined by RCRA Title 40?	☒ YES	☐ NO

Check all below which apply:

Material is to be shipped and recycled as Universal Waste	☐ YES	☒ NO
Material is to be shipped and recycled under 6 NYCRR Part 371.1(g)(1)(ii)(b) *(ie Computer Equipment & monitors)*	☐ YES	☒ NO
Material is being shipped for disposal/recycle via facility transfer/consolidation permit	☒ YES	☐ NO
Material is a Labpack and all contents are CERTIFIED as Non-RCRA	☐ YES	☒ NO
List all Lab Pack Container Numbers: *(Attach packing slips to profile)*		

I certify that the above submitted information (including any attachments) is true, accurate and complete to the best of my knowledge and ability and that all known and suspected hazards have been disclosed. All material offered herein is deemed Non-RCRA.

Signer Title Project Manager

Company Matrix Environmental Tech

Signed: Mary M Szustak **Print:** Mary M. Szustak on behlf of R&M Leasing,LLC **Date:** 07/24/2025

ARC Presonel Reviewed and Approved by:

Approved by: **Print: Tom Martin** **Date:**

ANALYTICAL REPORT

Lab Number:	L2505972
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	155 CHANDLER STREET BCP
Project Number:	01101
Report Date:	02/11/25

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Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

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

Project Name: 155 CHANDLER STREET BCP
Project Number: 01101

Lab Number: L2505972
Report Date: 02/11/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2505972-01	SPENT CARBON (020325)	SOLID	155 CHANDLER ST. BUFFALO, NY	02/03/25 09:34	02/04/25

Project Name:	155 CHANDLER STREET BCP	**Lab Number:**	L2505972
Project Number:	01101	**Report Date:**	02/11/25

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:	155 CHANDLER STREET BCP	**Lab Number:**	L2505972
Project Number:	01101	**Report Date:**	02/11/25

Case Narrative (continued)

Report Submission

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

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: Caitlin Walukevich

Caitlin Walukevich

Title: Technical Director/Representative

Date: 02/11/25

ORGANICS

VOLATILES

Project Name: 155 CHANDLER STREET BCP
Lab Number: L2505972
Project Number: 01101
Report Date: 02/11/25

SAMPLE RESULTS

Lab ID: L2505972-01
Client ID: SPENT CARBON (020325)
Sample Location: 155 CHANDLER ST. BUFFALO, NY
Date Collected: 02/03/25 09:34
Date Received: 02/04/25
Field Prep: Not Specified

Sample Depth:
Matrix: Solid
Analytical Method: 1,8260D
Analytical Date: 02/07/25 13:23
Analyst: RAW

TCLP/SPLP Ext. Date: 02/06/25 06:00

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
TCLP Volatiles by EPA 1311 - Westborough Lab						
Chloroform	ND		ug/l	7.5	2.2	10
Carbon tetrachloride	ND		ug/l	5.0	1.3	10
Tetrachloroethene	ND		ug/l	5.0	1.8	10
Chlorobenzene	ND		ug/l	5.0	1.8	10
1,2-Dichloroethane	ND		ug/l	5.0	1.3	10
Benzene	ND		ug/l	5.0	1.6	10
Vinyl chloride	ND		ug/l	10	0.71	10
1,1-Dichloroethene	ND		ug/l	5.0	1.7	10
Trichloroethene	6.0		ug/l	5.0	1.8	10
1,4-Dichlorobenzene	ND		ug/l	25	1.9	10
2-Butanone	ND		ug/l	50	19.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	109		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	99		70-130
dibromofluoromethane	105		70-130

Project Name: 155 CHANDLER STREET BCP
Project Number: 01101
Lab Number: L2505972
Report Date: 02/11/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 02/07/25 04:34
Analyst: MCM
TCLP/SPLP Extraction Date: 02/06/25 06:00

Extraction Date: 02/06/25 06:00

Parameter	Result	Qualifier	Units	RL	MDL
TCLP Volatiles by EPA 1311 - Westborough Lab for sample(s): 01 Batch: WG2027823-5					
Chloroform	ND		ug/l	7.5	2.2
Carbon tetrachloride	ND		ug/l	5.0	1.3
Tetrachloroethene	ND		ug/l	5.0	1.8
Chlorobenzene	ND		ug/l	5.0	1.8
1,2-Dichloroethane	ND		ug/l	5.0	1.3
Benzene	ND		ug/l	5.0	1.6
Vinyl chloride	ND		ug/l	10	0.71
1,1-Dichloroethene	ND		ug/l	5.0	1.7
Trichloroethene	ND		ug/l	5.0	1.8
1,4-Dichlorobenzene	ND		ug/l	25	1.9
2-Butanone	ND		ug/l	50	19.

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	98		70-130
dibromofluoromethane	103		70-130

Lab Control Sample Analysis
Batch Quality Control

Project Name: 155 CHANDLER STREET BCP
Project Number: 01101

Lab Number: L2505972
Report Date: 02/11/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
TCLP Volatiles by EPA 1311 - Westborough Lab Associated sample(s): 01 Batch: WG2027823-3 WG2027823-4								
Chloroform	96		95		70-130	1		20
Carbon tetrachloride	100		97		63-132	3		20
Tetrachloroethene	98		95		70-130	3		20
Chlorobenzene	92		91		75-130	1		25
1,2-Dichloroethane	94		93		70-130	1		20
Benzene	97		96		70-130	1		25
Vinyl chloride	90		90		55-140	0		20
1,1-Dichloroethene	94		92		61-145	2		25
Trichloroethene	96		93		70-130	3		25
1,4-Dichlorobenzene	92		91		70-130	1		20
2-Butanone	95		92		63-138	3		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	100		101		70-130
Toluene-d8	101		100		70-130
4-Bromofluorobenzene	100		98		70-130
dibromofluoromethane	101		101		70-130

Project Name: 155 CHANDLER STREET BCP
Project Number: 01101

Lab Number: L2505972
Report Date: 02/11/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2505972-01A	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		TCLP-EXT-ZHE(14)
L2505972-01B	Vial Large Septa unpreserved (4oz)	A	NA		2.7	Y	Absent		TCLP-EXT-ZHE(14)
L2505972-01Y	Vial unpreserved Extracts	A	NA		2.7	Y	Absent		TCLP-VOA(14)
L2505972-01Z	Vial unpreserved Extracts	A	NA		2.7	Y	Absent		TCLP-VOA(14)

*Values in parentheses indicate holding time in days

Project Name:	155 CHANDLER STREET BCP	**Lab Number:**	L2505972
Project Number:	01101	**Report Date:**	02/11/25

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: DU Report with 'J' Qualifiers

Project Name:	155 CHANDLER STREET BCP	**Lab Number:**	L2505972
Project Number:	01101	**Report Date:**	02/11/25

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. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	155 CHANDLER STREET BCP	**Lab Number:**	L2505972
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Report Format: DU Report with 'J' Qualifiers

Project Name: 155 CHANDLER STREET BCP
Project Number: 01101
Lab Number: L2505972
Report Date: 02/11/25

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

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, 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, EPA 1600, EPA 1603, SM9222D.**

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, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, 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
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, 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, 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.

Serial_No:02112514:23

L2505972 11FEB25
ENVADVANTAGE

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

Mansfield, MA 02048
320 Forbes Blvd
TEL: 508-822-9300
FAX: 508-822-3288

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab 2/5/25

Client Information

Client: Environmental Advantage
Address: 36316 N. Buffalo Rd
Orchard Park, NY 14127
Phone: 716-667-3135
Fax:
Email: mhanna@envadvantage.com

Project Information

Project Name: 155 Chandler Street BCP
Project Location: 155 Chandler St. Buffalo
Project #: 01101
(Use Project name as Project #) ☐
Project Manager: Melissa Deyo
ALPHAQuote #:

Turn-Around Time

Standard ☑ Due Date:
Rush (only if pre approved) ☐ # of Days:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:

Copy MSzustak+Labresults@envadvantage.com

Please specify Metals or TAL.

Deliverables

☑ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

☑ Same as Client Info
PO # 01101

Regulatory Requirement

☐ NY TOGS ☐ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information

Please identify below location of applicable disposal facilities.

Disposal Facility:
☐ NJ ☑ NY
☐ Other:

ANALYSIS

TCLP VOCs

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

Total Bottle

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCLP VOCs	Sample Specific Comments	Total Bottle
05972-01	Spent Carbon (020325)	2/3/25	9:34AM	Solid	MS	✓		2

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Container Type	V												
Preservative	A												

Relinquished By:	Date/Time	Received By:	Date/Time
Mary Szustak	2/4/25 14:07	Romeo Mack/Fed Ex	2/4/25 1407
Romeo Mack/Fed Ex	2/4/25 1500	Buffalo SC	2/4/25 1600
Russell B. Bitz	2-4-25 16:50		2/5 0100

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

Carbon Activated Corp.

3774 Hoover Road
Blasdell NY 14219
Email: nyinfo@activatedcarbon.com
Tel: +1(716) 821-7830
Fax: +1(716) 821-0790

Sales Order

Date	SO No.	Customer PO
01/31/2025	2000464	01101

Name / Address	Ship To
ENVIRONMENTAL ADVANTAGE INC 3636 NORTH BUFFALO ROAD ORCHARD PARK NY 14127	CUSTOMER COLLECT

Attention To	Terms	Ready Date	FOB	Ship Via	Rep
Contact 1	NET 30	01/31/2025	COLLECT	COLLECT	JPA

Item	Description	Ordered	Rate	Amount
10081	ACTIVATED CARBON COAL BASE 4.00 MM 60 CTC	440.00 LB		

ACTIVATED CARBON & SERVICES

DATASHEET

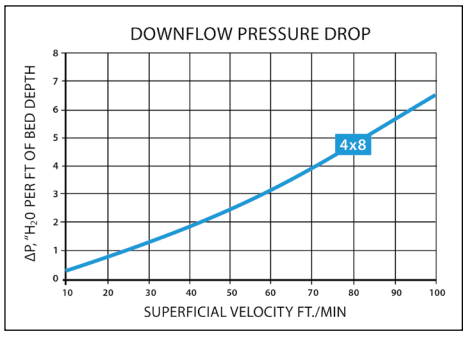
COL-A 60 (4x8 mesh)

VAPOR PHASE COAL BASE ACTIVATED CARBON

COL-A60 is a highly-active granular activated carbon (GAC) manufactured from selected grades of bituminous coal and designed for use in a wide variety of air purification and vapor phase applications. Available in industry standard 4x8 mesh size, this high-quality carbon provides extraordinary surface area, fine pore structure, high density and superior hardness.

APPLICATIONS

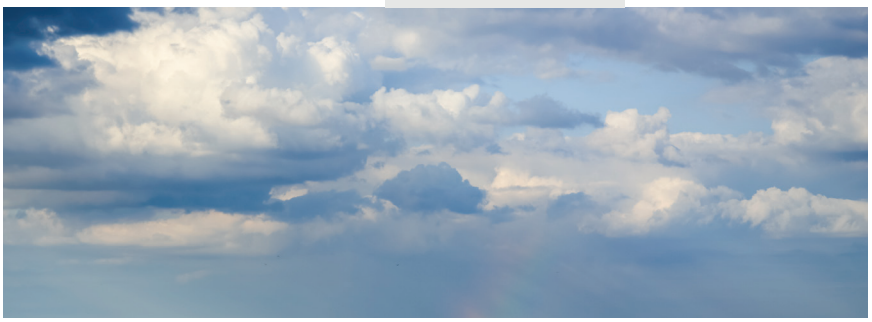
Used in a wide variety of air purification and vapor phase applications.



SPECIFICATIONS	ACOC-L60	ASTM METHOD
CTC No. min.	60	ASTM D-3467-04
Total Surface Area	950 - 1050 m^2/g	N2 BET Method
Iodine Number, min.	900 – 1000 mg/g	ASTM D-4607-94
Apparent Density, min	0.44 g/cc	ASTM D-2854-09
Bulk Density	28 – 30 lb/ft^3	ASTM D-2854-09
Hardness, min.	95 %	ASTM D-3802-89
Ash, max.	12 %	ASTM D-2866-94
Moisture as packed, max.	3 %	ASTM D-2867-99
U.S. Standard Sieve Size	4x8	ASTM D-2862-97
Larger than No. 4, max.	5 %	
Smaller than No. 8, max.	5 %	

STANDARD PACKAGING

- 55 lb or 27. 5 lb polylined polypropylene bags
- 200 lb fiber drums
- 1100 lb supersacks



This information is offered solely for your consideration and verification. It has been gathered from reference materials and/or test procedures and is believed to be true and accurate. None of this information shall be constituting a warranty or representation, expressed or implied, for which we assume legal responsibility or that the information or goods described is fit for any particular use either alone or in combination with other goods or processes.

2250 South Central Avenue, Compton California 90220 t 310 885-4555 f 310 885-4558 info@activatedcarbon.com activatedcarbon.com

ATTACHMENT D

DATA USABILITY SUMMARY REPORTS

EQuIS DATA SUBMITTAL CONFIRMATIONS

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

155 Chandler St.
Pace Analytical Services SDG#L2502472
May 9, 2024
Sampling date: 1/14/2025

Prepared by:
Jodi Zimmerman
Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

DELIVERABLES

This Data Usability Summary Report (DUSR) was prepared by evaluating the analytical data package for Matrix Environmental Technologies Inc., project located at 155 Chandler St., Alpha Analytical, SDG#L2502472 submitted to Vali-Data of WNY, LLC on March 13, 2025. This DUSR has been prepared in general compliance with NYSDEC Analytical Services Protocols and USEPA National Functional Guidelines (SOP NO. HW-31, revision 6). The laboratory performed the analysis using Compendium of Methods for the Determination of Toxic Organic Compounds, Compendium Method TO-15, January 1999.

ID	Sample ID	Laboratory ID
1	OA-2 (011425)	L2502472-01
2	IA-6 (011425)	L2502472-02
3	IA-6 (011425) DUPLICATE	L2502472-03
4	IA-7 (011425)	L2502472-04
5	IA-8 (011425)	L2502472-05
6	IA-9 (011425)	L2502472-06
7	IA-10/IA-11 (011425)	L2502472-07
8	IA-12 (011425)	L2502472-08
9	IA-13 (011425)	L2502472-09

VOLATILE ORGANIC COMPOUNDS

The following items/criteria were reviewed for this analytical suite:

-Data Completeness
-Narrative and Data Reporting Forms
-Chain of Custody and Traffic Reports
-Holding Times
-Internal Standard (IS) Area Performance
-Method Blank
-Field Duplicate Sample Precision
-Laboratory Control Samples
-MS/MSD/Duplicate
-Compound Quantitation
-Initial Calibration
-Continuing Calibration
-GC/MS Performance Check
-Canister Certification Blanks

The items listed above were technically in compliance with the method and SOP criteria with the exceptions discussed in the text below. The data have been reviewed according to the procedures outlined above and qualified accordingly.

OVERALL EVALUATION OF DATA AND POTENTIAL USABILITY ISSUES
The data are acceptable for use except where qualified below in Laboratory Control Samples, Compound Quantitation, Initial Calibration, Continuing Calibration and Canister Certification Blanks.

Samples: DUSR ID#5 and #7-9 were diluted due to high target analyte concentrations.

All results were recorded to the reporting limits except TO-15 SIM.

DATA COMPLETENESS
All criteria were met.

NARRATIVE AND DATA REPORTING FORMS
All criteria were met.

CHAIN OF CUSTODY AND TRAFFIC REPORTS
All criteria were met.

HOLDING TIMES
All holding times were met.

INTERNAL STANDARD (IS)
All criteria were met.

METHOD BLANK
All criteria were met.

FIELD DUPLICATE SAMPLE PRECISION
All criteria were met.

LABORATORY CONTROL SAMPLES
All criteria were met except a target analyte was outside QC limits in a laboratory control sample and should be qualified in the associated samples.

LCS ID	Target Analyte	%Rec	Qualifier	Associated Sample
WG2023336	Acetone	131	JH	1, 2

The %Rec of several target analytes were outside QC limits, high in the laboratory control samples. These target analytes were not detected in the associated samples, so no further action is required.

MS/MSD/DUPLICATE
No MS/MSD was acquired.
Lab duplicates were performed with acceptable results.

COMPOUND QUANTITATION

All criteria were met except the pressure of the canister was 0 in. Hg upon receipt by the lab for samples, DUSR ID#1 and #2. All target analytes in these samples should be qualified as estimated.

INITIAL CALIBRATION

All criteria were met except several target analytes were outside QC limits in the initial calibrations and/or the initial calibration verifications and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV Instrument	Target Analyte	%RSD/%D	Qualifier	Associated Sample
ICal Airlab16	1,2,4-Trichlorobenzene	42.1	UJ/J	WG2024515, WG2024922
ICVAirlab16	Benzyl chloride	-32.3	UJ/J	WG2024515, WG2024922
ICVAirlab15	t-Butyl alcohol	-30.6	UJ/J	WG2024071, 3-5
ICVAirlab15	Ethyl acetate	-36.8	UJ/J	WG2024071, 3-5

CONTINUING CALIBRATION

All criteria were met except several target analytes were outside QC limits in the continuing calibrations and should be qualified as estimated in the associated samples, blanks and spikes.

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2023336-2	Acetone	-31.5	UJ/J	WG2023336, 1, 2
WG2023336-2	t-Butyl alcohol	30.3	UJ/J	WG2023336, 1, 2
WG2024071-2	3-Chloropropene	-35.3	UJ/J	WG2024071, 3-5
WG2024449-2	Acetone	30.3	UJ/J	WG2024449, 6-9
WG2024515-2	Hexachlorobutadiene	31.2	UJ/J	WG2024515
WG2024922-2	Dichlorodifluoromethane	-44.7	UJ/J	WG2024922
WG2024922-2	Freon 114	-34.3	UJ/J	WG2024922
WG2024922-2	Bromomethane	-33.8	UJ/J	WG2024922
WG2024922-2	Chloroethane	-39.4	UJ/J	WG2024922
WG2024922-2	Ethanol	-35.2	UJ/J	WG2024922
WG2024922-2	Vinyl bromide	-38.5	UJ/J	WG2024922
WG2024922-2	Acetone	-73.7	UJ/J	WG2024922
WG2024922-2	Trichlorofluoromethane	-58.6	UJ/J	WG2024922
WG2024922-2	1,1-Dichloroethene	54.5	UJ/J	WG2024922
WG2024922-2	t-Butyl alcohol	-61.9	UJ/J	WG2024922
WG2024922-2	Freon 113	-37.5	UJ/J	WG2024922
WG2024922-2	trans-1,2-Dichloroethene	-55.9	UJ/J	WG2024922
WG2024922-2	1,1-Dichloroethane	-42	UJ/J	WG2024922
WG2024922-2	Methyl tert butyl ether	-48.4	UJ/J	WG2024922

CCal ID	Target Analyte	%D	Qualifier	Associated Sample
WG2024922-2	cis-1,2-Dichloroethene	-49.6	UJ/J	WG2024922
WG2024922-2	Ethyl acetate	-56.4	UJ/J	WG2024922
WG2024922-2	Chloroform	-36.4	UJ/J	WG2024922
WG2024922-2	1,2-Dichloroethane	-64.2	UJ/J	WG2024922
WG2024922-2	Naphthalene	-36.4	UJ/J	WG2024922

GC/MS PERFORMANCE CHECK

All criteria were met.

CANISTER CERTIFICATION BLANKS

All criteria were met except a target analyte was detected in a batch canister and should be qualified in the associated samples in which it was detected.

Batch #	Target Analyte	Concentration(ug/m3)	Qualifier	Associated Sample
L2500003-07	Trichloroethene	.618	U at RL	6
L2500003-07	Trichloroethene	.618	JH	2, 4

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. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry 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.

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 table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on January 8, 2025. The canister certification data is provided as an addendum.

L2502472-05, -07, -08, and -09: The sample was re-analyzed on dilution in order to quantitate the results within the calibration range. The result(s) should be considered estimated, and are qualified with an E flag, for any compound(s) that exceeded the calibration range in the initial analysis. The re-analysis was performed only for the compound(s) that exceeded the calibration range.

L2502472-07D, -08D, and -09D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

The WG2023336-2 CC recovery associated with [WG2023336] is above the upper 130% acceptance limit for Acetone. Any samples associated with this CC that have reportable amounts of this analyte will be reported with high bias.

The WG2024071-3 LCS recovery associated with L2502472-03 through -05 is above the upper 130% acceptance limit for 2-butanone (136%). All samples associated with this LCS do not have reportable amounts of this analyte.

The WG2024515-3 LCS recovery associated with L2502472-05D is above the upper 130% acceptance limit for hexachlorobutadiene (69%). All samples associated with this LCS do not have reportable amounts of this analyte.

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 Report Date: 02/03/25

Title: Technical Director/Representative

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 (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2502472-01	OA-2 (011425)	0474	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.0	11
L2502472-01	OA-2 (011425)	466	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	0.0	-	-	-	-
L2502472-02	IA-6 (011425)	01395	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	1.3	110
L2502472-02	IA-6 (011425)	222	2.7L Can	01/08/25	502265	L2500003-07	Pass	-28.8	0.0	-	-	-	-
L2502472-03	IA-6 (011425) DUPLICATE	01255	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.2	14
L2502472-03	IA-6 (011425) DUPLICATE	546	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-3.4	-	-	-	-
L2502472-04	IA-7 (011425)	02376	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.3	16
L2502472-04	IA-7 (011425)	3730	2.7L Can	01/08/25	502265	L2500003-07	Pass	-29.2	-6.2	-	-	-	-
L2502472-05	IA-8 (011425)	0396	Flow 5	01/08/25	502265		-	-	-	Pass	4.4	5.1	15
L2502472-05	IA-8 (011425)	391	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-7.2	-	-	-	-
L2502472-06	IA-9 (011425)	02245	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	4.7	4
L2502472-06	IA-9 (011425)	396	2.7L Can	01/08/25	502265	L2500003-07	Pass	-29.1	-9.0	-	-	-	-
L2502472-07	IA-10/IA-11 (011425)	01424	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.3	16
L2502472-07	IA-10/IA-11 (011425)	234	2.7L Can	01/08/25	502265	L2500409-04	Pass	-29.1	-8.1	-	-	-	-
L2502472-08	IA-12 (011425)	02256	Flow 5	01/08/25	502265		-	-	-	Pass	4.5	5.4	18

Air Canister Certification Results

Lab ID: L2500003-07
Client ID: CAN 417 SHELF 15
Sample Location:

Date Collected: 01/02/25 11:00
Date Received: 01/02/25
Field Prep: Not Specified

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM								
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	0.115	0.020	--	0.618	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
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Laboratory Control Sample Summary
Form 3
Air Volatiles

Client	: Environmental Advantage, Inc.		**Lab Number**	: L2502472	
Project Name	: ANNUAL SSDS VERIFICATION		**Project Number**	: 01101	
Matrix (Level)	: AIR (LOW)				
LCS Sample ID	: WG2023336-3	**Analysis Date** : 01/24/25 11:25	**File ID**	: r228847	
LCSD Sample ID	:	**Analysis Date** :	**File ID**	:	

	Laboratory Control Sample			Laboratory Control Duplicate					
Parameter	**True (ppbV)**	**Found (ppbV)**	**%R**	**True (ppbV)**	**Found (ppbV)**	**%R**	**RPD**	**Recovery Limits**	**RPD Limit**
Dichlorodifluoromethane	10	8.88	89				-	70-130	-
Chloromethane	10	9.52	95				-	70-130	-
Freon-114	10	11.3	113				-	70-130	-
Vinyl chloride	10	11.7	117				-	70-130	-
1,3-Butadiene	10	11.5	115				-	70-130	-
Bromomethane	10	12.2	122				-	70-130	-
Chloroethane	10	12.2	122				-	70-130	-
Ethanol	50	44.3	89				-	40-160	-
Vinyl bromide	10	12.1	121				-	70-130	-
Acetone	50	65.7	131				-	40-160	-
Trichlorofluoromethane	10	9.41	94				-	70-130	-
Isopropanol	25	27.8	111				-	40-160	-
1,1-Dichloroethene	10	11.6	116				-	70-130	-
Tertiary butyl Alcohol	10	6.97	70				-	70-130	-
Methylene chloride	10	9.98	100				-	70-130	-
3-Chloropropene	10	11.5	115				-	70-130	-
Carbon disulfide	10	10.4	104				-	70-130	-
Freon-113	10	10.2	102				-	70-130	-
trans-1,2-Dichloroethene	10	12.3	123				-	70-130	-
1,1-Dichloroethane	10	11.2	112				-	70-130	-
Methyl tert butyl ether	10	9.83	98				-	70-130	-
2-Butanone	10	11.2	112				-	70-130	-
cis-1,2-Dichloroethene	10	11.3	113				-	70-130	-
Ethyl Acetate	10	11.6	116				-	70-130	-
Chloroform	10	9.62	96				-	70-130	-
Tetrahydrofuran	10	12.5	125				-	70-130	-

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-01	Date Collected	: 01/14/25 16:00
Client ID	: OA-2 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228859	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.483	0.200	--	2.39	0.989	--	
74-87-3	Chloromethane	0.530	0.200	--	1.09	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	2.64	1.00	--	6.27	2.38	--	
75-69-4	Trichlorofluoromethane	0.222	0.200	--	1.25	1.12	--	
67-63-0	Isopropanol	2.22	1.00	--	5.46	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-01	Date Collected	: 01/14/25 16:00
Client ID	: OA-2 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:05
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228859	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-01	**Date Collected**	: 01/14/25 16:00
Client ID	: OA-2 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/24/25 21:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TPH
Lab File ID	: R228859	**Instrument ID**	: AIRLAB22
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-02	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228860	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.498	0.200	--	2.46	0.989	--	
74-87-3	Chloromethane	0.708	0.200	--	1.46	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	32.0	5.00	--	60.3	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	8.50	1.00	--	20.2	2.38	--	
75-69-4	Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	26.8	1.00	--	65.9	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	0.541	0.500	--	1.60	1.47	--	
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.560	0.200	--	1.97	0.705	--	
71-43-2	Benzene	0.231	0.200	--	0.738	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-02	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228860	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.355	0.200	--	1.22	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.742	0.200	--	3.47	0.934	--	
142-82-5	Heptane	0.749	0.200	--	3.07	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.84	0.200	--	6.93	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.241	0.200	--	1.05	0.869	--	
179601-23-1	p/m-Xylene	1.10	0.400	--	4.78	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.398	0.200	--	1.73	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	0.211	0.200	--	1.04	0.983	--	
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-02	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228860	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-03	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425) DUPLICATE	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 21:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552662	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.571	0.200	--	2.82	0.989	--	
74-87-3	Chloromethane	0.564	0.200	--	1.16	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	5.92	1.00	--	14.1	2.38	--	
75-69-4	Trichlorofluoromethane	0.207	0.200	--	1.16	1.12	--	
67-63-0	Isopropanol	26.6	1.00	--	65.4	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.404	0.200	--	1.42	0.705	--	
71-43-2	Benzene	0.201	0.200	--	0.642	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-03	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425) DUPLICATE	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 21:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552662	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	0.291	0.200	--	1.00	0.688	--	
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	0.653	0.200	--	3.05	0.934	--	
142-82-5	Heptane	0.740	0.200	--	3.03	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.50	0.200	--	5.65	0.754	--	
591-78-6	2-Hexanone	0.214	0.200	--	0.877	0.820	--	
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	0.219	0.200	--	0.951	0.869	--	
179601-23-1	p/m-Xylene	0.737	0.400	--	3.20	1.74	--	
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	0.265	0.200	--	1.15	0.869	--	
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-03	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425) DUPLICATE	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 21:41
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552662	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-04	Date Collected	: 01/14/25 16:05
Client ID	: IA-7 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 22:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552663	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.571	0.200	--	2.82	0.989	--	
74-87-3	Chloromethane	0.565	0.200	--	1.17	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	25.6	5.00	--	48.2	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	30.3	1.00	--	72.0	2.38	--	
75-69-4	Trichlorofluoromethane	0.253	0.200	--	1.42	1.12	--	
67-63-0	Isopropanol	204	1.00	--	501	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-04	Date Collected	: 01/14/25 16:05
Client ID	: IA-7 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 22:19
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552663	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.248	0.200	--	0.935	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-04	**Date Collected**	: 01/14/25 16:05
Client ID	: IA-7 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/27/25 22:19
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: KJD
Lab File ID	: R1552663	**Instrument ID**	: AIRLAB15
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-05	Date Collected	: 01/14/25 16:15
Client ID	: IA-8 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 22:56
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552664	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.585	0.200	--	2.89	0.989	--	
74-87-3	Chloromethane	0.625	0.200	--	1.29	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	56.9	5.00	--	107	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	51.9	1.00	--	123	2.38	--	
75-69-4	Trichlorofluoromethane	0.240	0.200	--	1.35	1.12	--	
67-63-0	Isopropanol	369	1.00	--	907	2.46	--	E
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-05	Date Collected	: 01/14/25 16:15
Client ID	: IA-8 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 22:56
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552664	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.322	0.200	--	1.21	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-05	Date Collected	: 01/14/25 16:15
Client ID	: IA-8 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/27/25 22:56
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552664	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-05D	Date Collected	: 01/14/25 16:15
Client ID	: IA-8 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 23:34
Sample Matrix	: AIR	Dilution Factor	: 5
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648216	Instrument ID	: AIRLAB16
Sample Amount	: 50.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
67-63-0	Isopropanol	217	5.00	--	533	12.3	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-06	Date Collected	: 01/14/25 16:10
Client ID	: IA-9 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 17:44
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334741	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.510	0.200	--	2.52	0.989	--	
74-87-3	Chloromethane	0.518	0.200	--	1.07	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	22.5	5.00	--	42.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	6.62	1.00	--	15.7	2.38	--	
75-69-4	Trichlorofluoromethane	0.219	0.200	--	1.23	1.12	--	
67-63-0	Isopropanol	46.0	1.00	--	113	2.46	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-06	Date Collected	: 01/14/25 16:10
Client ID	: IA-9 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 17:44
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334741	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-06	Date Collected	: 01/14/25 16:10
Client ID	: IA-9 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 17:44
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334741	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-07	Date Collected	: 01/14/25 16:20
Client ID	: IA-10/IA-11 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 18:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334742	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.513	0.200	--	2.54	0.989	--	
74-87-3	Chloromethane	0.490	0.200	--	1.01	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	58.0	5.00	--	109	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	37.7	1.00	--	89.6	2.38	--	
75-69-4	Trichlorofluoromethane	0.217	0.200	--	1.22	1.12	--	
67-63-0	Isopropanol	312	1.00	--	767	2.46	--	E
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-07	Date Collected	: 01/14/25 16:20
Client ID	: IA-10/IA-11 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 18:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334742	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.219	0.200	--	0.825	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-07	**Date Collected**	: 01/14/25 16:20
Client ID	: IA-10/IA-11 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/28/25 18:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: JMB
Lab File ID	: R334742	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-07D	Date Collected	: 01/14/25 16:20
Client ID	: IA-10/IA-11 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/30/25 06:37
Sample Matrix	: AIR	Dilution Factor	: 5
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648242	Instrument ID	: AIRLAB16
Sample Amount	: 50.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
67-63-0	Isopropanol	309	5.00	--	760	12.3	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-08	Date Collected	: 01/14/25 16:25
Client ID	: IA-12 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 19:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334743	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.512	0.200	--	2.53	0.989	--	
74-87-3	Chloromethane	0.487	0.200	--	1.01	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	16.3	5.00	--	30.7	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	54.3	1.00	--	129	2.38	--	
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	453	1.00	--	1110	2.46	--	E
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-08	Date Collected	: 01/14/25 16:25
Client ID	: IA-12 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 19:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334743	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	0.296	0.200	--	1.12	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-08	Date Collected	: 01/14/25 16:25
Client ID	: IA-12 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 19:03
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334743	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-08D	Date Collected	: 01/14/25 16:25
Client ID	: IA-12 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/30/25 07:14
Sample Matrix	: AIR	Dilution Factor	: 10
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648243	Instrument ID	: AIRLAB16
Sample Amount	: 25.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
67-63-0	Isopropanol	603	10.0	--	1480	24.6	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-09	Date Collected	: 01/14/25 16:30
Client ID	: IA-13 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 20:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334745	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	0.522	0.200	--	2.58	0.989	--	
74-87-3	Chloromethane	0.520	0.200	--	1.07	0.413	--	
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	33.1	5.00	--	62.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	221	1.00	--	525	2.38	--	
75-69-4	Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--	
67-63-0	Isopropanol	1350	1.00	--	3320	2.46	--	E
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	0.529	0.500	--	1.56	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-09	Date Collected	: 01/14/25 16:30
Client ID	: IA-13 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 20:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334745	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	0.222	0.200	--	0.910	0.820	--	
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	1.51	0.200	--	5.69	0.754	--	
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-09	Date Collected	: 01/14/25 16:30
Client ID	: IA-13 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/28/25 20:23
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334745	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-09D	Date Collected	: 01/14/25 16:30
Client ID	: IA-13 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/29/25 22:32
Sample Matrix	: AIR	Dilution Factor	: 34.77
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648240	Instrument ID	: AIRLAB16
Sample Amount	: 7.19 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
67-63-0	Isopropanol	4030	34.8	--	9910	85.5	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2023336-4	Date Collected	: NA
Client ID	: WG2023336-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/24/25 14:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228851	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2023336-4	Date Collected	: NA
Client ID	: WG2023336-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/24/25 14:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228851	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2023336-4	Date Collected	: NA
Client ID	: WG2023336-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/24/25 14:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R228851	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024071-4	Date Collected	: NA
Client ID	: WG2024071-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/27/25 15:14
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552656	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024071-4	Date Collected	: NA
Client ID	: WG2024071-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/27/25 15:14
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552656	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024071-4	Date Collected	: NA
Client ID	: WG2024071-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/27/25 15:14
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: KJD
Lab File ID	: R1552656	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024449-4	Date Collected	: NA
Client ID	: WG2024449-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 14:46
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334738	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024449-4	Date Collected	: NA
Client ID	: WG2024449-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 14:46
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334738	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024449-4	Date Collected	: NA
Client ID	: WG2024449-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 14:46
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: JMB
Lab File ID	: R334738	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024515-4	Date Collected	: NA
Client ID	: WG2024515-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 19:39
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648210	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024515-4	Date Collected	: NA
Client ID	: WG2024515-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 19:39
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648210	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024515-4	Date Collected	: NA
Client ID	: WG2024515-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 19:39
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648210	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024515-5D	Date Collected	: 01/14/25 16:15
Client ID	: IA-8 (011425)DUP	Date Received	: 01/15/25
Sample Location	:	Date Analyzed	: 01/29/25 00:11
Sample Matrix	: AIR	Dilution Factor	: 5
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648217	Instrument ID	: AIRLAB16
Sample Amount	: 50.0 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
67-63-0	Isopropanol	215	5.00	--	528	12.3	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024922-4	Date Collected	: NA
Client ID	: WG2024922-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/29/25 19:53
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648236	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-71-8	Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--	U
74-87-3	Chloromethane	ND	0.200	--	ND	0.413	--	U
76-14-2	Freon-114	ND	0.200	--	ND	1.40	--	U
75-01-4	Vinyl chloride	ND	0.200	--	ND	0.511	--	U
106-99-0	1,3-Butadiene	ND	0.200	--	ND	0.442	--	U
74-83-9	Bromomethane	ND	0.200	--	ND	0.777	--	U
75-00-3	Chloroethane	ND	0.200	--	ND	0.528	--	U
64-17-5	Ethanol	ND	5.00	--	ND	9.42	--	U
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	ND	1.00	--	ND	2.38	--	U
75-69-4	Trichlorofluoromethane	ND	0.200	--	ND	1.12	--	U
67-63-0	Isopropanol	ND	1.00	--	ND	2.46	--	U
75-35-4	1,1-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	ND	0.500	--	ND	1.74	--	U
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	ND	0.200	--	ND	0.623	--	U
76-13-1	Freon-113	ND	0.200	--	ND	1.53	--	U
156-60-5	trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
75-34-3	1,1-Dichloroethane	ND	0.200	--	ND	0.809	--	U
1634-04-4	Methyl tert butyl ether	ND	0.200	--	ND	0.721	--	U
78-93-3	2-Butanone	ND	0.500	--	ND	1.47	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--	U
141-78-6	Ethyl Acetate	ND	0.500	--	ND	1.80	--	U
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	ND	0.500	--	ND	1.47	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024922-4	Date Collected	: NA
Client ID	: WG2024922-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/29/25 19:53
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648236	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	ND	0.200	--	ND	0.705	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--	U
71-43-2	Benzene	ND	0.200	--	ND	0.639	--	U
56-23-5	Carbon tetrachloride	ND	0.200	--	ND	1.26	--	U
110-82-7	Cyclohexane	ND	0.200	--	ND	0.688	--	U
78-87-5	1,2-Dichloropropane	ND	0.200	--	ND	0.924	--	U
75-27-4	Bromodichloromethane	ND	0.200	--	ND	1.34	--	U
123-91-1	1,4-Dioxane	ND	0.200	--	ND	0.721	--	U
79-01-6	Trichloroethene	ND	0.200	--	ND	1.07	--	U
540-84-1	2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--	U
142-82-5	Heptane	ND	0.200	--	ND	0.820	--	U
10061-01-5	cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
108-10-1	4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--	U
10061-02-6	trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--	U
79-00-5	1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--	U
108-88-3	Toluene	ND	0.200	--	ND	0.754	--	U
591-78-6	2-Hexanone	ND	0.200	--	ND	0.820	--	U
124-48-1	Dibromochloromethane	ND	0.200	--	ND	1.70	--	U
106-93-4	1,2-Dibromoethane	ND	0.200	--	ND	1.54	--	U
127-18-4	Tetrachloroethene	ND	0.200	--	ND	1.36	--	U
108-90-7	Chlorobenzene	ND	0.200	--	ND	0.921	--	U
100-41-4	Ethylbenzene	ND	0.200	--	ND	0.869	--	U
179601-23-1	p/m-Xylene	ND	0.400	--	ND	1.74	--	U
75-25-2	Bromoform	ND	0.200	--	ND	2.07	--	U
100-42-5	Styrene	ND	0.200	--	ND	0.852	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024922-4	Date Collected	: NA
Client ID	: WG2024922-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/29/25 19:53
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15	Analyst	: TPH
Lab File ID	: R1648236	Instrument ID	: AIRLAB16
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--	U
95-47-6	o-Xylene	ND	0.200	--	ND	0.869	--	U
622-96-8	4-Ethyltoluene	ND	0.200	--	ND	0.983	--	U
108-67-8	1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
95-63-6	1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--	U
100-44-7	Benzyl chloride	ND	0.200	--	ND	1.04	--	U
541-73-1	1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
106-46-7	1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
95-50-1	1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--	U
120-82-1	1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--	U
91-20-3	Naphthalene	ND	0.190	--	ND	0.996	--	U
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: WG2024922-5D	**Date Collected**	: 01/14/25 16:30
Client ID	: IA-13 (011425)DUP	**Date Received**	: 01/15/25
Sample Location	:	**Date Analyzed**	: 01/29/25 23:11
Sample Matrix	: AIR	**Dilution Factor**	: 34.77
Analytical Method	: 48,TO-15	**Analyst**	: TPH
Lab File ID	: R1648241	**Instrument ID**	: AIRLAB16
Sample Amount	: 7.19 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
67-63-0	Isopropanol	3870	34.8	--	9510	85.5	--	

Initial Calibration Summary
Form 6
Air Volatiles

Client	: **Environmental Advantage, Inc.**	**Lab Number**	: **L2502472**
Project Name	: **ANNUAL SSDS VERIFICATION**	**Project Number**	: **01101**
Instrument ID	: **AIRLAB16**	**Ical Ref**	: **ICAL21800**
Calibration dates	: **12/19/24 21:40 12/20/24 02:28**		

Calibration Files
0.2 =r1647509.D 0.5 =r1647510.D 1.0 =r1647511.D 5.0 =r1647512.D 10 =r1647513.D 20 =r1647514.D
50 =r1647515.D 100 =r1647516.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
109)		indan	5.324	7.135	7.724	7.131	7.076	7.778	7.592	6.879	7.080	11.06
110)		indene	2.873	3.945	4.648	4.434	4.483	5.179	5.315	5.075	4.494	17.72
111)	C	1,2-dibromo-3-chloropr...	0.964	1.371	1.487	1.705	1.809	1.980	2.053	1.939	1.664	22.23
112)		undecane	3.928	5.704	6.274	6.072	5.999	6.278	6.182	5.743	5.772	13.45
113)		1,2,4,5-tetramethylben...	2.295	3.083	3.428	3.917	3.925	3.735	3.883	3.808	3.509	16.27
114)		dodecane	2.474	4.009	5.253	5.617	5.701	5.390	5.802	5.417	4.958	23.19
115)	C	1,2,4-trichlorobenzene	0.690	1.361	1.940	2.702	3.113	3.220	3.567	3.379	2.497	42.11#
116)		naphthalene	3.281	5.564	6.934	8.351	9.289	9.024	9.783	9.132	7.670	29.47
117)		1,2,3-trichlorobenzene	0.901	1.587	2.169	2.511	2.873	2.818	3.222	3.086	2.396	33.54#
118)		benzothiophene	0.861	1.669	2.317	4.158	5.113	4.055	4.745	4.779	3.462	46.61#
119)	C	hexachlorobutadiene	1.541	2.147	2.605	2.553	2.642	2.646	2.671	2.308	2.389	16.35
120)		2-methylnaphthalene			0.224	0.539	0.786	0.586	0.932	1.046	0.685	43.56#
121)		1-methylnaphthalene			0.750	1.527	1.982	1.320	1.916	2.006	1.584	31.14#

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab15\2024\12\1208T_I\
Data File : r1551599.D
Acq On : 9 Dec 2024 12:16 PM
Operator : AIRLAB15:JMB
Sample : CTO15-LLSTD10.0
Misc : WG2007874
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 11 11:37:40 2024
Quant Method : X:\Airlab\Data\Airlab15\2024\12\1208T_I\TFS15_241208.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Wed Dec 11 11:37:02 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
1	I	bromochloromethane	1.000	1.000	0.0	78	0.00
2		chlorodifluoromethane	0.833	0.814	2.3	85	0.00
3		propylene	0.435	0.538	-23.7	109	0.00
4		propane	0.748	0.791	-5.7	91	0.00
5		dichlorodifluoromethane	0.985	1.003	-1.8	87	0.00
6	C	chloromethane	0.490	0.469	4.3	86	0.00
7		Freon-114	1.051	1.200	-14.2	98	0.00
8	C	methanol	0.378	0.307	18.8	79	0.00
9	C	vinyl chloride	0.608	0.686	-12.8	100	0.00
10	C	1,3-butadiene	0.445	0.490	-10.1	99	0.00
11		butane	0.813	0.857	-5.4	94	0.00
13	C	bromomethane	0.443	0.472	-6.5	99	0.00
14	C	chloroethane	0.291	0.346	-18.9	108	0.00
15		ethanol	0.390	0.440	-12.8	81	0.00
16		dichlorofluoromethane	0.900	1.046	-16.2	99	0.00
17	C	vinyl bromide	0.405	0.469	-15.8	106	0.00
18	C	acrolein	0.253	0.244	3.6	86	0.00
19		acetone	0.623	0.685	-10.0	100	0.00
20	C	acetonitrile	0.480	0.538	-12.1	100	0.00
21		trichlorofluoromethane	0.758	0.817	-7.8	97	0.00
22		isopropyl alcohol	0.835	0.854	-2.3	91	0.00
23	C	acrylonitrile	0.518	0.541	-4.4	92	0.00
24		pentane	1.168	1.133	3.0	82	0.00
25		ethyl ether	1.396	1.503	-7.7	96	0.00
26	C	1,1-dichloroethene	0.819	1.031	-25.9	111	0.00
27		tertiary butyl alcohol	1.057	1.380	-30.6#	100	0.00
28	C	methylene chloride	0.707	0.753	-6.5	90	0.00
29	C	3-chloropropene	0.777	0.949	-22.1	109	0.00
30	C	carbon disulfide	1.485	1.587	-6.9	92	0.00
31		Freon 113	0.883	1.077	-22.0	106	0.00
32		trans-1,2-dichloroethene	0.808	1.021	-26.4	113	0.00
33	C	1,1-dichloroethane	0.984	1.207	-22.7	108	0.00
34	C	MTBE	1.354	1.518	-12.1	97	0.00
35	C	vinyl acetate	1.142	1.115	2.4	84	0.00
36	C	2-butanone	1.194	1.341	-12.3	94	0.00
37		cis-1,2-dichloroethene	0.766	0.961	-25.5	110	0.00
38		Ethyl Acetate	0.201	0.275	-36.8#	121	0.00
39	C	chloroform	0.985	1.057	-7.3	91	0.00
40		Tetrahydrofuran	0.735	0.829	-12.8	97	0.00

Evaluate Continuing Calibration Report

Data Path : X:\Airlab\Data\Airlab16\2024\12\1219T_I\
Data File : r1647519.D
Acq On : 20 Dec 2024 9:08 AM
Operator : AIRLAB16:JMB
Sample : CTO15-LLSTD010
Misc : WG2011935
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 20 12:19:16 2024
Quant Method : X:\Airlab\Data\Airlab16\2024\12\1219T_I\TFS16_241219.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Fri Dec 20 12:17:48 2024
Response via : Initial Calibration

Min. RRF : 0.000 Min. Rel. Area : 60% Max. R.T. Dev 0.33min
Max. RRF Dev : 30% Max. Rel. Area : 140%

		Compound	AvgRF	CCRF	%Dev	Area%	Dev(min)
81	C	ethylbenzene	7.729	8.060	-4.3	93	0.00
83	C	m+p-xylene	6.117	6.445	-5.4	95	0.00
84	C	bromoform	2.228	2.664	-19.6	108	0.00
85	C	styrene	5.059	5.930	-17.2	105	0.00
86	C	1,1,2,2-tetrachloroethane	4.547	5.302	-16.6	106	0.00
87	C	o-xylene	6.233	6.718	-7.8	97	0.00
88		1,2,3-trichloropropane	3.505	4.004	-14.2	103	0.00
89		nonane	5.874	6.096	-3.8	91	0.02
90	s	bromofluorobenzene	4.361	4.419	-1.3	94	0.00
91	C	isopropylbenzene	8.214	9.750	-18.7	105	0.00
92		bromobenzene	4.474	5.184	-15.9	106	0.02
93		2-chlorotoluene	2.479	2.625	-5.9	93	0.00
94		n-propylbenzene	2.681	2.986	-11.4	98	0.02
95		4-chlorotoluene	2.409	2.599	-7.9	96	0.00
96		4-ethyl toluene	8.316	10.307	-23.9	108	0.00
97		1,3,5-trimethylbenzene	7.189	8.763	-21.9	109	0.00
98		tert-butylbenzene	7.460	8.531	-14.4	100	0.02
99		1,2,4-trimethylbenzene	7.077	8.575	-21.2	105	0.00
100		decane	5.639	5.958	-5.7	95	0.00
101	C	Benzyl Chloride	3.063	4.052	-32.3#	107	0.02
102		1,3-dichlorobenzene	5.191	6.332	-22.0	104	0.00
103	C	1,4-dichlorobenzene	5.165	6.308	-22.1	103	0.00
104		sec-butylbenzene	10.468	12.363	-18.1	102	0.00
106		p-isopropyltoluene	8.878	9.679	-9.0	95	0.00
107		1,2-dichlorobenzene	5.048	6.094	-20.7	104	0.00
108		n-butylbenzene	7.681	8.975	-16.8	98	0.00
111	C	1,2-dibromo-3-chloropropane	1.664	2.031	-22.1	100	0.00
112		undecane	5.772	6.370	-10.4	95	0.00
114		dodecane	4.958	5.751	-16.0	90	0.00
115	C	1,2,4-trichlorobenzene	2.497	3.093	-23.9	89	0.00
116		naphthalene	7.670	9.184	-19.7	88	0.00
117		1,2,3-trichlorobenzene	2.396	2.786	-16.3	86	0.00
119	C	hexachlorobutadiene	2.389	2.635	-10.3	89	0.00

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101		
Instrument ID	: AIRLAB22	Calibration Date	: 01/24/25 11:25		
Lab File ID	: R228847	Init. Calib. Date(s)	: 01/16/25	01/16/25	
Sample No	: WG2023336-2	Init. Calib. Times	: 00:44	04:28	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	105	0
chlorodifluoromethane	0.581	0.42	-	27.7	30	90	0
propylene	0.624	0.577	-	7.5	30	97	0
propane	0.585	0.595	-	-1.7	30	113	0
dichlorodifluoromethane	0.834	0.741	-	11.2	30	93	0
chloromethane	0.478	0.456	-	4.6	30	104	0
Freon-114	0.927	1.047	-	-12.9	30	118	0
methanol	0.229	0.247	-	-7.9	30	118	0
vinyl chloride	0.436	0.511	-	-17.2	30	126	0
1,3-butadiene	0.418	0.48	-	-14.8	30	120	0
butane	0.66	0.797	-	-20.8	30	128	0
bromomethane	0.315	0.385	-	-22.2	30	133	0
chloroethane	0.252	0.308	-	-22.2	30	131	0
ethanol	0.427	0.378	-	11.5	30	95	0
dichlorofluoromethane	0.811	0.924	-	-13.9	30	128	0
vinyl bromide	0.316	0.382	-	-20.9	30	123	0
acrolein	0.273	0.292	-	-7	30	118	0
acetone	0.445	0.585	-	-31.5*	30	138	0
acetonitrile	0.404	0.507	-	-25.5	30	138	0
trichlorofluoromethane	0.519	0.488	-	6	30	101	0
isopropyl alcohol	0.713	0.793	-	-11.2	30	120	0
acrylonitrile	0.679	0.738	-	-8.7	30	119	0
pentane	0.811	1.002	-	-23.6	30	158	0
ethyl ether	0.722	0.826	-	-14.4	30	139	0
1,1-dichloroethene	0.723	0.838	-	-15.9	30	119	0
tertiary butyl alcohol	1.24	0.864	-	30.3*	30	73	0
methylene chloride	0.759	0.758	-	0.1	30	106	0
3-chloropropene	0.908	1.046	-	-15.2	30	117	0
carbon disulfide	1.755	1.82	-	-3.7	30	107	0
Freon 113	0.995	1.01	-	-1.5	30	104	0
trans-1,2-dichloroethene	0.714	0.878	-	-23	30	124	0
1,1-dichloroethane	0.975	1.092	-	-12	30	116	0
MTBE	1.643	1.615	-	1.7	30	99	0
vinyl acetate	1.642	0.8	-	51.3*	30	50	0
2-butanone	1.5	1.674	-	-11.6	30	115	0
cis-1,2-dichloroethene	0.716	0.807	-	-12.7	30	117	0
Ethyl Acetate	0.197	0.228	-	-15.7	30	119	0
chloroform	0.967	0.929	-	3.9	30	101	0
Tetrahydrofuran	0.785	0.983	-	-25.2	30	128	0
2,2-dichloropropane	0.869	0.715	-	17.7	30	84	0
1,2-dichloroethane	0.525	0.485	-	7.6	30	97	0
1,4-difluorobenzene	1	1	-	0	30	99	0
hexane	0.33	0.427	-	-29.4	30	121	0

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101		
Instrument ID	: AIRLAB15	Calibration Date	: 01/27/25 12:08		
Lab File ID	: R1552654	Init. Calib. Date(s)	: 12/08/24	12/09/24	
Sample No	: WG2024071-2	Init. Calib. Times	: 22:10	02:30	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	93	.03
chlorodifluoromethane	0.833	0.757	-	9.1	30	95	.02
propylene	0.435	0.679	-	-56.1*	30	165	.02
propane	0.748	0.584	-	21.9	30	81	.02
dichlorodifluoromethane	0.985	0.922	-	6.4	30	96	.02
chloromethane	0.49	0.459	-	6.3	30	100	.02
Freon-114	1.051	1.062	-	-1	30	104	.02
methanol	0.378	0.228	-	39.7*	30	70	.02
vinyl chloride	0.608	0.522	-	14.1	30	91	.02
1,3-butadiene	0.445	0.411	-	7.6	30	99	.02
butane	0.813	1.039	-	-27.8	30	137	.02
bromomethane	0.443	0.415	-	6.3	30	104	.02
chloroethane	0.291	0.272	-	6.5	30	101	.02
ethanol	0.39	0.291	-	25.4	30	64	.02
dichlorofluoromethane	0.9	0.905	-	-0.6	30	103	.02
vinyl bromide	0.405	0.397	-	2	30	108	.02
acrolein	0.253	0.245	-	3.2	30	103	.03
acetone	0.623	0.795	-	-27.6	30	138	.03
acetonitrile	0.48	0.612	-	-27.5	30	136	.03
trichlorofluoromethane	0.758	0.681	-	10.2	30	97	.03
isopropyl alcohol	0.835	1.041	-	-24.7	30	132	.03
acrylonitrile	0.518	0.512	-	1.2	30	104	.03
pentane	1.168	1.804	-	-54.5*	30	156	.02
ethyl ether	1.396	1.345	-	3.7	30	103	.03
1,1-dichloroethene	0.819	0.945	-	-15.4	30	122	.02
tertiary butyl alcohol	1.057	1.228	-	-16.2	30	107	.03
methylene chloride	0.707	0.704	-	0.4	30	101	.03
3-chloropropene	0.777	1.051	-	-35.3*	30	144	.03
carbon disulfide	1.485	1.515	-	-2	30	105	.02
Freon 113	0.883	1.03	-	-16.6	30	121	.02
trans-1,2-dichloroethene	0.808	0.937	-	-16	30	124	.03
1,1-dichloroethane	0.984	1.171	-	-19	30	125	.03
MTBE	1.354	1.365	-	-0.8	30	105	.03
vinyl acetate	1.142	1.051	-	8	30	95	.03
2-butanone	1.194	1.62	-	-35.7*	30	137	.03
cis-1,2-dichloroethene	0.766	0.901	-	-17.6	30	124	.03
Ethyl Acetate	0.201	0.244	-	-21.4	30	129	.03
chloroform	0.985	1.045	-	-6.1	30	108	.03
Tetrahydrofuran	0.735	0.923	-	-25.6	30	130	.03
2,2-dichloropropane	0.777	0.799	-	-2.8	30	104	.03
1,2-dichloroethane	0.632	0.714	-	-13	30	119	.03
1,4-difluorobenzene	1	1	-	0	30	106	.03
hexane	0.475	0.449	-	5.5	30	114	.03

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101		
Instrument ID	: AIRPIANO3	Calibration Date	: 01/28/25 12:23		
Lab File ID	: R334736	Init. Calib. Date(s)	: 01/05/25	01/06/25	
Sample No	: WG2024449-2	Init. Calib. Times	: 23:53	04:39	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	101	.03
chlorodifluoromethane	0.764	0.699	-	8.5	30	105	.02
propylene	0.55	0.445	-	19.1	30	87	.02
propane	0.515	0.516	-	-0.2	30	114	.02
dichlorodifluoromethane	1.168	1.06	-	9.2	30	107	.02
chloromethane	0.551	0.416	-	24.5	30	89	.02
Freon-114	1.339	1.059	-	20.9	30	90	.02
methanol	0.321	0.224	-	30.2*	30	84	.03
vinyl chloride	0.634	0.545	-	14	30	100	.03
1,3-butadiene	0.464	0.423	-	8.8	30	108	.03
butane	1.114	0.769	-	31*	30	80	.04
bromomethane	0.474	0.425	-	10.3	30	106	.03
chloroethane	0.332	0.282	-	15.1	30	100	.04
ethanol	0.325	0.284	-	12.6	30	82	.04
dichlorofluoromethane	1.212	1.16	-	4.3	30	114	.04
vinyl bromide	0.553	0.461	-	16.6	30	100	.03
acrolein	0.289	0.271	-	6.2	30	121	.04
acetone	1.009	0.703	-	30.3*	30	80	.04
acetonitrile	0.625	0.485	-	22.4	30	90	.04
trichlorofluoromethane	1.199	1.102	-	8.1	30	106	.04
isopropyl alcohol	1.285	1.013	-	21.2	30	86	.05
acrylonitrile	0.585	0.659	-	-12.6	30	148	.04
pentane	1.294	1.207	-	6.7	30	117	.04
ethyl ether	0.932	0.918	-	1.5	30	115	.04
1,1-dichloroethene	1.047	0.903	-	13.8	30	100	.04
tertiary butyl alcohol	1.305	1.284	-	1.6	30	113	.05
methylene chloride	0.7	0.678	-	3.1	30	115	.04
3-chloropropene	1.114	0.788	-	29.3	30	87	.04
carbon disulfide	2.078	1.789	-	13.9	30	103	.04
Freon 113	1.226	1.087	-	11.3	30	102	.04
trans-1,2-dichloroethene	1.052	0.88	-	16.3	30	99	.04
1,1-dichloroethane	1.377	1.081	-	21.5	30	92	.04
MTBE	1.838	1.563	-	15	30	98	.04
vinyl acetate	1.45	1.01	-	30.3*	30	86	.04
2-butanone	1.594	1.303	-	18.3	30	102	.04
cis-1,2-dichloroethene	0.986	0.83	-	15.8	30	98	.03
Ethyl Acetate	0.257	0.237	-	7.8	30	102	.03
chloroform	1.138	1.103	-	3.1	30	116	.04
Tetrahydrofuran	0.952	0.716	-	24.8	30	90	.04
2,2-dichloropropane	1.014	0.957	-	5.6	30	112	.03
1,2-dichloroethane	0.834	0.715	-	14.3	30	101	.03
1,4-difluorobenzene	1	1	-	0	30	92	.03
hexane	0.357	0.386	-	-8.1	30	114	.04

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101		
Instrument ID	: AIRLAB16	Calibration Date	: 01/28/25 14:25		
Lab File ID	: R1648208	Init. Calib. Date(s)	: 12/19/24	12/20/24	
Sample No	: WG2024515-2	Init. Calib. Times	: 21:40	02:28	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.409	2.692	-	-11.7	30	103	.07
4-ethyl toluene	8.316	9.265	-	-11.4	30	101	.06
1,3,5-trimethylbenzene	7.189	7.644	-	-6.3	30	99	.06
tert-butylbenzene	7.46	8.107	-	-8.7	30	99	.06
1,2,4-trimethylbenzene	7.077	7.501	-	-6	30	95	.06
decane	5.639	5.602	-	0.7	30	92	.06
Benzyl Chloride	3.063	3.536	-	-15.4	30	96	.06
1,3-dichlorobenzene	5.191	5.576	-	-7.4	30	95	.06
1,4-dichlorobenzene	5.165	5.585	-	-8.1	30	95	.06
sec-butylbenzene	10.468	11.477	-	-9.6	30	98	.06
p-isopropyltoluene	8.878	9.939	-	-12	30	101	.06
1,2-dichlorobenzene	5.048	5.252	-	-4	30	93	.06
n-butylbenzene	7.681	8.045	-	-4.7	30	91	.06
1,2-dibromo-3-chloropropan	1.664	1.9	-	-14.2	30	97	.06
undecane	5.772	5.268	-	8.7	30	81	.04
dodecane	4.958	2.645	-	46.7*	30	43	.04
1,2,4-trichlorobenzene	2.497	1.992	-	20.2	30	59	.04
naphthalene	7.67	7.658	-	0.2	30	76	.04
1,2,3-trichlorobenzene	2.396	2.061	-	14	30	66	.04
hexachlorobutadiene	2.389	1.644	-	31.2*	30	57	.04

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101		
Instrument ID	: AIRLAB16	Calibration Date	: 01/29/25 18:34		
Lab File ID	: R1648234	Init. Calib. Date(s)	: 12/19/24	12/20/24	
Sample No	: WG2024922-2	Init. Calib. Times	: 21:40	02:28	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
bromochloromethane	1	1	-	0	30	73	.08
chlorodifluoromethane	0.781	0.925	-	-18.4	30	86	.04
propylene	0.434	0.703	-	-62*	30	120	.04
propane	0.542	0.604	-	-11.4	30	89	.04
dichlorodifluoromethane	0.9	1.302	-	-44.7*	30	108	.04
chloromethane	0.486	0.443	-	8.8	30	69	.04
Freon-114	0.965	1.296	-	-34.3*	30	97	.04
methanol	0.212	0.254	-	-19.8	30	85	.04
vinyl chloride	0.419	0.54	-	-28.9	30	95	.04
1,3-butadiene	0.364	0.425	-	-16.8	30	85	.04
butane	0.709	0.911	-	-28.5	30	94	.05
bromomethane	0.358	0.479	-	-33.8*	30	99	.05
chloroethane	0.198	0.276	-	-39.4*	30	106	.05
ethanol	0.335	0.453	-	-35.2*	30	97	.05
dichlorofluoromethane	0.721	1.195	-	-65.7*	30	119	.05
vinyl bromide	0.361	0.5	-	-38.5*	30	100	.05
acrolein	0.212	0.26	-	-22.6	30	102	.05
acetone	0.563	0.978	-	-73.7*	30	146	.06
acetonitrile	0.419	0.596	-	-42.2*	30	107	.05
trichlorofluoromethane	0.703	1.115	-	-58.6*	30	142	.06
isopropyl alcohol	0.98	0.99	-	-1	30	75	.06
acrylonitrile	0.423	0.462	-	-9.2	30	83	.06
pentane	1.172	1.229	-	-4.9	30	76	.06
ethyl ether	0.793	0.85	-	-7.2	30	80	.06
1,1-dichloroethene	0.701	1.083	-	-54.5*	30	111	.07
tertiary butyl alcohol	0.73	1.182	-	-61.9*	30	116	.07
methylene chloride	0.687	0.73	-	-6.3	30	81	.07
3-chloropropene	0.751	0.918	-	-22.2	30	87	.07
carbon disulfide	1.745	1.873	-	-7.3	30	85	.07
Freon 113	1.013	1.393	-	-37.5*	30	100	.06
trans-1,2-dichloroethene	0.698	1.088	-	-55.9*	30	111	.07
1,1-dichloroethane	0.922	1.309	-	-42*	30	102	.07
MTBE	1.165	1.729	-	-48.4*	30	107	.08
vinyl acetate	1.114	0.999	-	10.3	30	71	.08
2-butanone	1.318	1.503	-	-14	30	83	.07
cis-1,2-dichloroethene	0.677	1.013	-	-49.6*	30	108	.07
Ethyl Acetate	0.172	0.269	-	-56.4*	30	113	.07
chloroform	0.911	1.243	-	-36.4*	30	102	.07
Tetrahydrofuran	0.776	0.864	-	-11.3	30	82	.08
2,2-dichloropropane	0.581	0.793	-	-36.5*	30	97	.08
1,2-dichloroethane	0.537	0.882	-	-64.2*	30	120	.08
1,4-difluorobenzene	1	1	-	0	30	93	.07
hexane	0.308	0.367	-	-19.2	30	113	.07

* Value outside of QC limits.

Calibration Verification Summary
Form 7
Air Volatiles

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472		
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101		
Instrument ID	: AIRLAB16	**Calibration Date**	: 01/29/25 18:34		
Lab File ID	: R1648234	**Init. Calib. Date(s)**	: 12/19/24	12/20/24	
Sample No	: WG2024922-2	**Init. Calib. Times**	: 21:40	02:28	
Channel	:				

Compound	Ave. RRF	RRF	Min RRF	%D	Max %D	Area%	Dev(min)
4-chlorotoluene	2.409	2.437	-	-1.2	30	100	0
4-ethyl toluene	8.316	9.022	-	-8.5	30	105	.07
1,3,5-trimethylbenzene	7.189	8.425	-	-17.2	30	117	.06
tert-butylbenzene	7.46	8.1	-	-8.6	30	106	.06
1,2,4-trimethylbenzene	7.077	7.537	-	-6.5	30	102	.06
decane	5.639	0.551	-	90.2*	30	10	-.02
Benzyl Chloride	3.063	2.634	-	14	30	77	.07
1,3-dichlorobenzene	5.191	5.491	-	-5.8	30	101	.06
1,4-dichlorobenzene	5.165	5.491	-	-6.3	30	100	0
sec-butylbenzene	10.468	11.319	-	-8.1	30	104	.06
p-isopropyltoluene	8.878	10.282	-	-15.8	30	112	.06
1,2-dichlorobenzene	5.048	5.247	-	-3.9	30	99	.06
n-butylbenzene	7.681	8.691	-	-13.1	30	105	.06
1,2-dibromo-3-chloropropan	1.664	1.952	-	-17.3	30	107	.06
undecane	5.772	6.849	-	-18.7	30	113	.04
dodecane	4.958	7.218	-	-45.6*	30	125	.04
1,2,4-trichlorobenzene	2.497	2.867	-	-14.8	30	91	.04
naphthalene	7.67	10.46	-	-36.4*	30	112	.04
1,2,3-trichlorobenzene	2.396	3.287	-	-37.2*	30	113	.04
hexachlorobutadiene	2.389	2.934	-	-22.8	30	110	.04

* Value outside of QC limits.

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-01	**Date Collected**	: 01/14/25 16:00
Client ID	: OA-2 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/24/25 21:05
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TPH
Lab File ID	: R228859_EV2	**Instrument ID**	: AIRLAB22
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.067	0.020	0.011	0.421	0.126	0.069	
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: L2502472-02	Date Collected	: 01/14/25 16:35
Client ID	: IA-6 (011425)	Date Received	: 01/15/25
Sample Location	: 155 CHANDLER STREET	Date Analyzed	: 01/24/25 21:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R228860_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	0.011	0.020	0.010	0.044	0.079	0.040	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.066	0.020	0.011	0.415	0.126	0.069	
79-01-6	Trichloroethene	0.022	0.020	0.006	0.118	0.107	0.032	
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-03	**Date Collected**	: 01/14/25 16:35
Client ID	: IA-6 (011425) DUPLICATE	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/27/25 21:41
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: KJD
Lab File ID	: R1552662_EV2	**Instrument ID**	: AIRLAB15
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.072	0.020	0.011	0.453	0.126	0.069	
79-01-6	Trichloroethene	0.018	0.020	0.006	0.097	0.107	0.032	J
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-04	**Date Collected**	: 01/14/25 16:05
Client ID	: IA-7 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/27/25 22:19
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: KJD
Lab File ID	: R1552663_EV2	**Instrument ID**	: AIRLAB15
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	0.012	0.020	0.010	0.048	0.079	0.040	J
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.076	0.020	0.011	0.478	0.126	0.069	
79-01-6	Trichloroethene	0.042	0.020	0.006	0.226	0.107	0.032	
127-18-4	Tetrachloroethene	0.013	0.020	0.007	0.088	0.136	0.050	J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-05	**Date Collected**	: 01/14/25 16:15
Client ID	: IA-8 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/27/25 22:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: KJD
Lab File ID	: R1552664_EV2	**Instrument ID**	: AIRLAB15
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.070	0.020	0.011	0.440	0.126	0.069	
79-01-6	Trichloroethene	0.034	0.020	0.006	0.183	0.107	0.032	
127-18-4	Tetrachloroethene	0.013	0.020	0.007	0.088	0.136	0.050	J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-06	**Date Collected**	: 01/14/25 16:10
Client ID	: IA-9 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/28/25 17:44
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: JMB
Lab File ID	: R334741_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.084	0.020	0.011	0.528	0.126	0.069	
79-01-6	Trichloroethene	0.014	0.020	0.006	0.075	0.107	0.032	J
127-18-4	Tetrachloroethene	0.015	0.020	0.007	0.102	0.136	0.050	J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-07	**Date Collected**	: 01/14/25 16:20
Client ID	: IA-10/IA-11 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/28/25 18:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: JMB
Lab File ID	: R334742_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.079	0.020	0.011	0.497	0.126	0.069	
79-01-6	Trichloroethene	0.035	0.020	0.006	0.188	0.107	0.032	
127-18-4	Tetrachloroethene	0.011	0.020	0.007	0.075	0.136	0.050	J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-08	**Date Collected**	: 01/14/25 16:25
Client ID	: IA-12 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/28/25 19:03
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: JMB
Lab File ID	: R334743_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.091	0.020	0.011	0.572	0.126	0.069	
79-01-6	Trichloroethene	0.034	0.020	0.006	0.183	0.107	0.032	
127-18-4	Tetrachloroethene	0.014	0.020	0.007	0.095	0.136	0.050	J

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	**Project Number**	: 01101
Lab ID	: L2502472-09	**Date Collected**	: 01/14/25 16:30
Client ID	: IA-13 (011425)	**Date Received**	: 01/15/25
Sample Location	: 155 CHANDLER STREET	**Date Analyzed**	: 01/28/25 20:23
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: JMB
Lab File ID	: R334745_EV2	**Instrument ID**	: AIRPIANO3
Sample Amount	: 250 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	0.100	0.020	0.011	0.629	0.126	0.069	
79-01-6	Trichloroethene	0.074	0.020	0.006	0.398	0.107	0.032	
127-18-4	Tetrachloroethene	0.069	0.020	0.007	0.468	0.136	0.050	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2023335-4	Date Collected	: NA
Client ID	: WG2023335-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/24/25 14:36
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: TPH
Lab File ID	: R228851_EV2	Instrument ID	: AIRLAB22
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024074-4	Date Collected	: NA
Client ID	: WG2024074-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/27/25 15:52
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: KJD
Lab File ID	: R1552657_EV2	Instrument ID	: AIRLAB15
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	Lab Number	: L2502472
Project Name	: ANNUAL SSDS VERIFICATION	Project Number	: 01101
Lab ID	: WG2024452-4	Date Collected	: NA
Client ID	: WG2024452-4BLANK	Date Received	: NA
Sample Location	:	Date Analyzed	: 01/28/25 15:25
Sample Matrix	: AIR	Dilution Factor	: 1
Analytical Method	: 48,TO-15-SIM	Analyst	: JMB
Lab File ID	: R334739_EV2	Instrument ID	: AIRPIANO3
Sample Amount	: 250 ml	GC Column	: RTX-1

		ppbV			ug/m3			
CAS NO.	Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier
75-01-4	Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023	U
75-35-4	1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032	U
56-23-5	Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069	U
79-01-6	Trichloroethene	ND	0.020	0.006	ND	0.107	0.032	U
127-18-4	Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050	U

From:	Mary Szustak
To:	nyenvedd@dec.ny.gov
Subject:	155 Chandler Street EDD C915312
Attachments:	20250715 1520.C915312.NYSDEC_v5_MERGE.zip
Sent:	7/15/2025 3:21:20 PM

Please find the attached EDD for upload.

Thank you,

Mary M. Szustak
Project Manager

Matrix Environmental Technologies Inc.
PO Box 427/3730 California Road, Orchard Park, NY 14127
716-997-0777 Cell
www.matrixbiotech.com

From:	NYENVDATA@dec.ny.gov
To:	Mary Szustak
Subject:	Successfully loaded EDD (20250715 1520.C915312.NYSDEC_v5_MERGE.zip)
Attachments:	20250715 1520.C915312.NYSDEC_v5_MERGE.Commit.zip
Sent:	7/15/2025 3:54:16 PM

Data from '20250715 1520.C915312.NYSDEC_v5_MERGE.zip' has been successfully loaded into the database.

ATTACHMENT E

ANNUAL SITE INSPECTION FORM AND PHOTOS

ANNUAL AIR SAMPLING BUILDING INVENTORY

Pierce Arrow Business Center
155 Chandler Street, Buffalo NY
BCP Site #C915312
METI Project #22-068

Inspection Performed By: Steven L. Marchetti
(name)
Vice President
(title)
Matrix Environmental Technologies Inc.
(company)

Others Present: Mary Szustak
(name)
Project Manager
(title)
Environmental Advantage, Inc.
(company)

Inspection Date: January 13, 2025
Weather: 29º Cloudy
Type of Inspection: (Annual) / Non-Routine Inspection

SSDS-1
Description of Engineering Controls:

Type of engineering control:
Sub-slab depressurization system (1 PRF-100 Mitigation Fan, 1 Extraction Well)

Are the engineering controls still in place?
YES

Is the Site Management Plan still in place?
YES

Deficiencies Observed / Corrective Actions Required / Repair or Maintenance Performed:
NO

Cracking/Deterioration Noted near Extraction Wells:
NO

SSDS-2
Description of Engineering Controls:

Type of engineering control:
Sub-slab depressurization system (1 PRF-100 Mitigation Fan, 1 Extraction Welll)

Are the engineering controls still in place?
YES

Is the Site Management Plan still in place?

YES

Deficiencies Observed / Corrective Actions Required /Repair or Maintenance Performed:

NO

Cracking/Deterioration Noted near Extraction Wells:

NO

SSDS-3

Description of Engineering Controls:

Type of engineering control:
Sub-slab depressurization systems (1 PRF-100 Mitigation Fan, 1 Extraction Well)

Are the engineering controls still in place?

YES

Is the Site Management Plan still in place?

YES

Deficiencies Observed / Corrective Actions Required /Repair or Maintenance Performed:

NO

Cracking/Deterioration Noted near Extraction Wells:

NO

SSDS-4

Description of Engineering Controls:

Type of engineering control:
Sub-slab depressurization systems (1 PRF-100 Mitigation Fan, 1 Extraction Well)

Are the engineering controls still in place?

YES

Is the Site Management Plan still in place?

YES

Deficiencies Observed / Corrective Actions Required /Repair or Maintenance Performed:

NO

Cracking/Deterioration Noted near Extraction Wells:

NO

SSDS-5

Description of Engineering Controls:

Type of engineering control:
Sub-slab depressurization systems (1 GAST R6335-A 3.5 HP blower, 3 Extraction Wells)

Are the engineering controls still in place?
YES

Is the Site Management Plan still in place?
YES

Deficiencies Observed / Corrective Actions Required / Repair or Maintenance Performed:
NO

Cracking/Deterioration Noted near Extraction Wells:
NO

Institutional Controls:

General site conditions at the time of the inspection:
Normal Operations

Are site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection?
YES

Do the implemented institutional controls continue to be protective of human health and the environment?
YES

Is the site currently in compliance with requirements of the SMP and the Environmental Easement?
YES

Are site records complete and up-to-date?
YES

Are the implemented Engineering Controls (SSDS) operating in compliance with the requirements of the SMP?
YES

Notes:
Current Tenants in SSD System areas: ODL Orthodontics Lab (SSDS-1), Anderson Tax (SSDS-3) Barrel & Brine (SSDS-4), Comedy School and ODL Storage (SSDS-5). SSDS-2 is in a shared hallway.

155 Chandler Street, Buffalo, NY (Site #C915312)
Sub-Slab Depressurization (SSD) Systems Annual Inspection

METI Representative: Steve Marchetti & Mary Szustak (Environmental Advantage, Inc.)
Date of Inspection: 1/13/25

Blower System:

SSDS-5 Extraction Well Vacuum Data (in. WC)		
EX-1	EX-2R	EX-3
18.32	19	17

SSDS-5 Monitoring Point Vacuum Data (inches of Water Column)						
MP-1	MP-1R	MP-2	MP-3	MP-4	MP-5	MP-6
-0.010	-0.025	-4.356	-10.710	-0.138	+0.000	+0.000

SSDS-5 Blower Operational Data		
Blower Vacuum (in. WC)	Pre-carbon OVM Reading (ppm)	Post-carbon OVM Reading (ppm)
24	0.0	0.0

Mitigation Fans:

SSDS - 1 Operational Data	SSDS - 2 Operational Data	SSDS - 3 Operational Data	SSDS - 4 Operational Data
Inches of Water Column	Inches of Water Column	Inches of Water Column	Inches of Water Column
1”	0.5”	1”	0.9”

Notes:

- 1 drum spent carbon in equipment room. Great vacuum in basement.
- No hissing in piping, piping and connectors look good.
- Fans all operating at appropriate pressure differentials.
- Building maintenance will change the batteries in all fan alarms as preventative. Alarm on SSDS-5 is hard wired.

Slab is in in great shape with no cracks in the vicinity of all mitigation fans. The slab in the vicinity of SSDS-1, SSDS-2, and SSDS-4 is commercial grade epoxy flooring. Floor in the vicinity of SSDS-3 is carpeted however no divots in the floor were observed. Slab in basement has a few small hairline cracks resulting from VMP installation but is in good shape. Slab consists of newer painted concrete. No air is leaking from the hairline cracks.

Slab in the former cidery area is in good shape with no visible cracks. Slab consists of painted concrete.

- No excavations have been completed during reporting period and no excavations planned for the remainder of 2025.

System operational status, repairs or maintenance performed, samples collected, adjustments to manifold settings, etc.

1.	1/13/25 – View of sealing around piping in the mezzanine area.

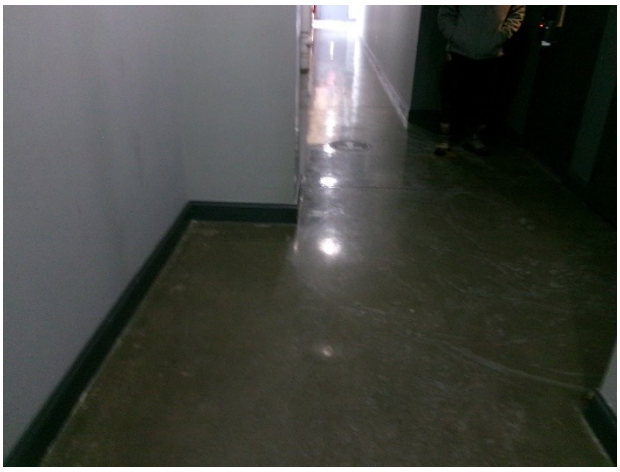
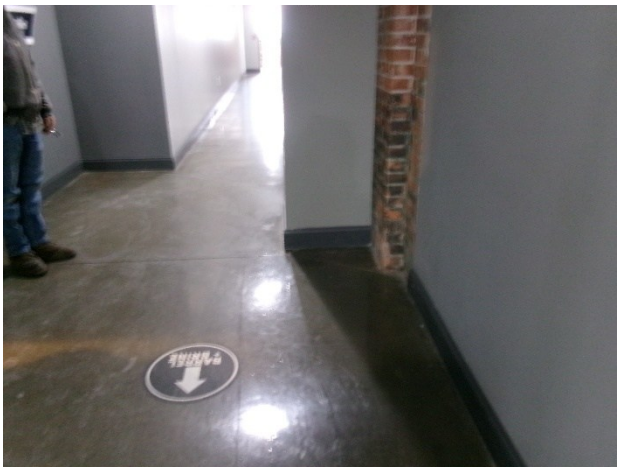
2.	1/13/25 – View of sealing around piping in the mezzanine area.

3.	1/13/25 – View of extraction well piping entering ground level equipment room.

4.	1/13/25 – View of SSDS-5 overhead piping from extraction well EX-1.

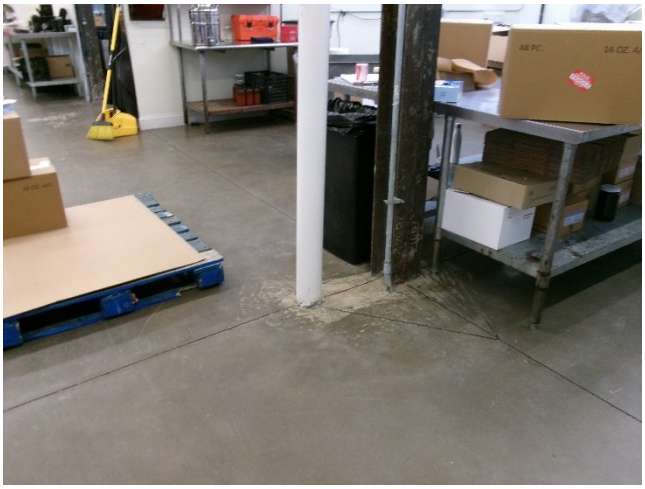
5.	1/13/25 – View of SSDS-5 header in equipment room on ground level.

6.	2/3/25 – View of SSDS-5 carbon unit and alarm in equipment room on ground level.

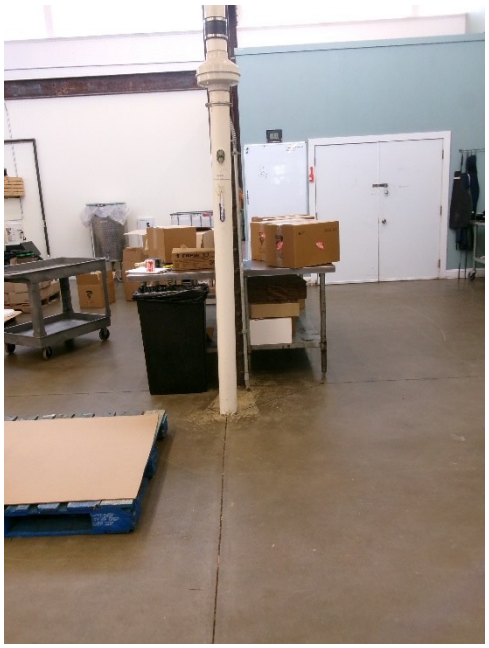
			
7.	1/13/25 – View of SSDS-5 electrical hookup in equipment room on ground level.	8.	1/13/25 – View of SSDS-2 and alarm in hallway.
			
9.	1/13/25 – View of floor in the vicinity of SSDS-2.	10.	1/13/25 – View of floor in the vicinity of SSDS-2.
			
11.	1/13/25 – View of SSDS-3 and floor in the vicinity of SSDS-3 inside of the Anderson Tax suite.	12.	1/13/25 – View of SSDS-3 and alarm.

13.	1/13/25 – View of SSDS-4 and alarm located inside of the Barrel & Brine suite.

14.	1/13/25 – View of SSDS-4 located inside of the Barrel & Brine suite.



15.	1/13/25 – View of floor in the vicinity of SSDS-4



16.	1/13/25 – View of floor in the vicinity of SSDS-4

17.	1/13/25 – View of SSDS-1 and alarm located inside of the ODL suite.

18.	1/13/25 – View of floor in the vicinity of SSDS-1.

19.	1/13/25 – View of floor in the vicinity of SSDS-1

20.	1/13/25 – View of floor in the vicinity of SSDS-1.

21.	1/13/25 – View of roof top enclosure for SSDS-5 blower.

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Site No. : C915312 **Site Name :** 155 Chandler

Date: 01/114/2025 **Time:** 8:00 am

Structure Address : 155 Chandler St Buffalo, New York

Preparer's Name & Affiliation : Rylee Hooker; Environmental Consultant

Residential ? ☐ Yes ☐ No **Owner Occupied ?** ☐ Yes ☐ No **Owner Interviewed ?** ☐ Yes ☐ No

Commercial ? ☐ Yes ☐ No **Industrial ?** ☐ Yes ☐ No **Mixed Uses ?** ■ Yes ☐ No

Identify all non-residential use(s) : ODL Orthodontics, Buffalo Comedy Collective, Anderson Tax, Barrel & Brine

Owner Name : _____ **Owner Phone :** ( ) _____ - _____

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : _____

Occupant Name : _____ **Occupant Phone :** ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : _____

Additional Owner/Occupant Information : _____

Describe Structure (style, number floors, size) : Refurbished industrial use space into mixed use site; 1-2 stories; black exterior; flat rubber membrane; some residential use in apartments; mostly commercial use

Approximate **Year Built :** early 1900s Is the building **Insulated?** ■ Yes ☐ No

Lowest level : ☐ Slab-on-grade ■ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : small (15-20') basement room used to store equipment; finished concrete floor with floor drain

Floor Type: ■ Concrete Slab ☐ Dirt ☐ Mixed : _____

Floor Condition : ☐ Good (few or no cracks) ☐ Average (some cracks) ☐ Poor (broken concrete or dirt)

Sumps/Drains? ■ Yes ☐ No Describe : various floor drains throughout

Identify other floor penetrations & details : none

Wall Construction : ■ Concrete Block ☐ Poured Concrete ☐ Laid-Up Stone

Identify any wall penetrations : overhead garage doors

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : none observed

Heating Fuel : ☐ Oil ■ Gas ☐ Wood ☐ Electric ☐ Other : _____

Heating System : ■ Forced Air ☐ Hot Water ☐ Other : _____

Hot Water System : ■ Combustion ☐ Electric ☐ Boilermate ☐ Other: _____

Clothes Dryer : ☐ Electric ☐ Gas Where is dryer **vented** to? N/A

If combustion occurs, describe where air is drawn from (cold air return, basement, external air, etc.) : roof top HVAC units; cold are is drawn in from exterior

Fans & Vents (identify where fans/vents pull air from and where they vent/exhaust to) : positive vents are installed near "IA-6" location

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

ODL 3D-prints using DPR-10 carbon resin (enclosed in hood with ducts)

Attached garage ? ☐ Yes ■ No Air fresheners ? ☐ Yes ☐ No

New carpet or furniture ? ☐ Yes ■ No What/Where ? _____

Recent **painting** or **staining** ? ☒ Yes ■ No Where ? : near Comedy School near IA-10/IA-11

Any **solvent** or **chemical-like** odors ? ☐ Yes ■ No Describe : _____

Last time **Dry Cleaned** fabrics brought in ? N/A What / Where ? _____

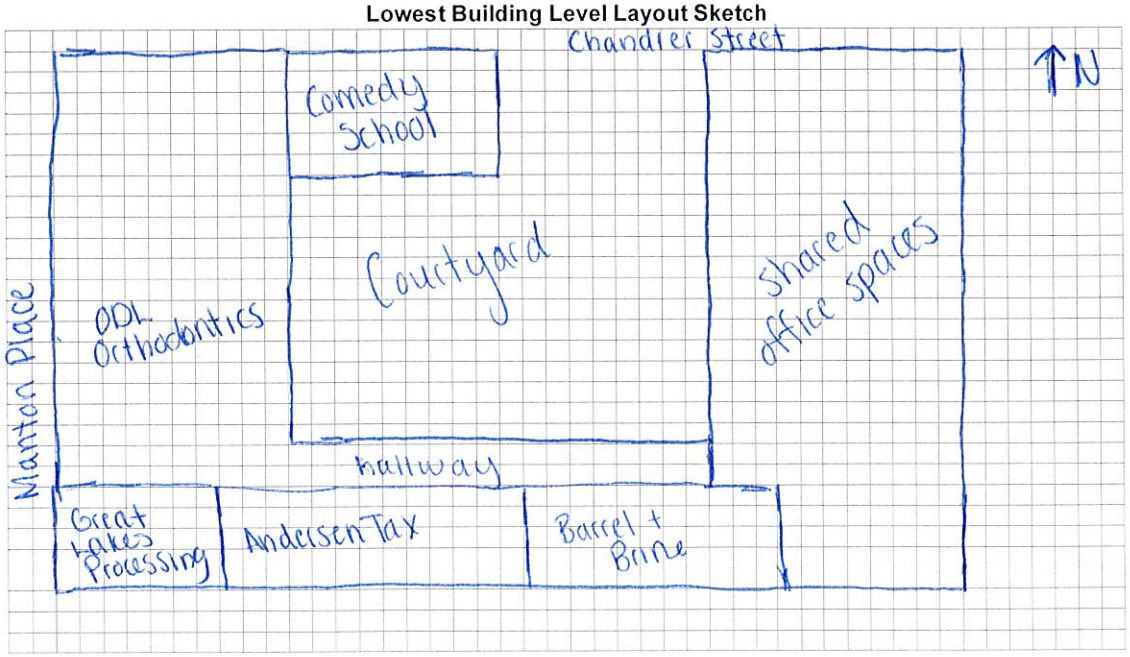
Do any building occupants use solvents at work ? ☐ Yes ■ No Describe : _____

Any testing for Radon ? ☐ Yes ☐ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ■ Yes ☐ No If yes, describe below

SSD system installed in 2017 and updated system installed in 2024

Lowest Building Level Layout Sketch



- Identify and label the locations of all sub-slab, indoor air, and outdoor air samples on the layout sketch.
- Measure the distance of all sample locations from identifiable features, and include on the layout sketch.
- Identify room use (bedroom, living room, den, kitchen, etc.) on the layout sketch.
- Identify the locations of the following features on the layout sketch, using the appropriate symbols:

B or **F**	Boiler or Furnace	o	Other floor or wall penetrations (label appropriately)
HW	Hot Water Heater	xxxxxxx	Perimeter Drains (draw inside or outside outer walls as appropriate)
FP	Fireplaces	######	Areas of broken-up concrete
WS	Wood Stoves	● SS-1	Location & label of sub-slab vapor samples
W/D	Washer / Dryer	● IA-1	Location & label of indoor air samples
S	Sumps	● OA-1	Location & label of outdoor air samples
@	Floor Drains	● PFET-1	Location and label of any pressure field test holes.

Structure Sampling - Product Inventory

Homeowner Name & Address: 155 Chandler Street Buffalo, NY

Date: 1/14/25

Samplers & Company:

Structure ID: C915B15

Site Number & Name: Pierce Arrow Business Center

Phone Number:

Make & Model of PID: Honeywell MiniRae 3000

Date of PID Calibration:

Identify any Changes from Original Building Questionnaire : No

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
KILZ PVA- dry wall primer and sealer	1	calcium carbonate, clay, titanium dioxide, fuller's earth	~	IA-7
Oil-Latex redwood stain	1	ethylene glycol, iron(3) oxide, silica (quartz)	~	IA-7
ProIndustrial Water-borne acrylic dryfall	3	titanium dioxide, calcium carbonate, heavy paraffinic oil	~	IA-7
Behr primer paint (eggshell)	2	titanium dioxide, 2-methyl-2H-iso thiazol-3-one	~	IA-6
OxiClean bathroom cleaner	1	hydrogen peroxide, Alcohols C-10-C16 ethoxylated, Benzenesulfonic acid	~	IA-6
Pink Stuff cleaner	1	C9-C11 pareth-6, 3-butoxypropan-2-ol, amines, ammonium compounds	~	IA-6
ZEP Stainless steel cleaner + polish	1	petroleum distillates, propane, butane, solvent naphtha, citral	~	IA-6
Easy Off oven cleaner	1	sodium hydroxide, butane, benzyl alcohol, 2-aminoethanol	~	IA-6
Roundup grass + weed killer	1	trimethylamine salt, fluazifop-P-butyl, diquat dibromide	~	IA-12
Henry Wet patch roof teat	1	trimethylbenzene, petroleum distillates, calcium carbonate, cellulose fiber	~	IA-12
Pennzoil 5W-30 ~~oil~~ motor oil	1	[redacted] oil, petroleum distillates, naphthalene	~	IA-12

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St

Person(s) Performing Sampling: Rylee Hooker; Kate Ludwig

Sample Identification: OA-2 (011425)

Sample Type: ☐ Indoor Air (ambient) ☒ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 1/14/2025 Setup Time: 8:16 Stop Time: 4:00

Sample Depth: N/A

Sample Height: 4'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7L

Sampling Canister Type & Size (if applicable): 2.7L Summa

Canister # 466 Regulator # 0474

Vacuum Pressure of Canister Prior to Sampling: -29.64

Vacuum Pressure of Canister After Sampling: -0.09

Temperature in Sampling Zone: 21°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 1/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hookes; Kate Ludwig

Sample Identification: IA-6 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 11/14/2025 Setup Time: 8:45 Stop Time: 4:35

Sample Depth: N/A

Sample Height: ≈ 5'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 222 Regulator # 01345

Vacuum Pressure of Canister Prior to Sampling: -23.30

Vacuum Pressure of Canister After Sampling: -0.77

Temperature in Sampling Zone: ≈ 70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hookes Date: 11/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hooker; Kate Ludwig

Sample Identification: IA-6 (duplicate) (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 1/14/2025 Setup Time: 8:45 Stop Time: 4:35

Sample Depth: N/A

Sample Height: ≈5'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 546 Regulator # 01255

Vacuum Pressure of Canister Prior to Sampling: -29.95

Vacuum Pressure of Canister After Sampling: -4.44

Temperature in Sampling Zone: ≈70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why? _____

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 1/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hooker; Kate Ludwig

Sample Identification: IA-1 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 11/14/2025 Setup Time: 8:38 Stop Time: 4:05

Sample Depth: N/A

Sample Height: ≈ 2'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 3730 Regulator # 02376

Vacuum Pressure of Canister Prior to Sampling: -29.65

Vacuum Pressure of Canister After Sampling: -6.36

Temperature in Sampling Zone: ≈ 70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 11/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hookes; Kate Ludwig

Sample Identification: IA-8 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 11/14/2025 Setup Time: 8:35 Stop Time: 4:15

Sample Depth: ~~N/A~~ N/A

Sample Height: ≈ 2'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 391 Regulator # 0306

Vacuum Pressure of Canister Prior to Sampling: -30.00

Vacuum Pressure of Canister After Sampling: ~~-29.00~~ -7.38

Temperature in Sampling Zone: ≈ 70 °F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 11/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hookes; Kate Ludwig

Sample Identification: IA-9 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 1/14/2025 Setup Time: 8:32 Stop Time: 4:10

Sample Depth: N/A

Sample Height: ≈ 4'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 396 Regulator # 02245

Vacuum Pressure of Canister Prior to Sampling: -29.60

Vacuum Pressure of Canister After Sampling: -9.00

Temperature in Sampling Zone: ≈ 70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 1/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: RBM Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hookes ; Kate Ludwig

Sample Identification: IA-10/IA-11 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 11/14/2025 Setup Time: 8:50 Stop Time: 4:20

Sample Depth: N/A

Sample Height: ≈4'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 2314 Regulator # 01424

Vacuum Pressure of Canister Prior to Sampling: -30.03

Vacuum Pressure of Canister After Sampling: -8.03

Temperature in Sampling Zone: ≈70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:
fresh paint in room

Sampler's Signature Rylee Hookes Date: 11/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hooker; Kate Ludwig

Sample Identification: IA-12 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 11/14/2025 Setup Time: 8:53 Stop Time: 4:25

Sample Depth: N/A

Sample Height: ≈4'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 2424 Regulator # 02256

Vacuum Pressure of Canister Prior to Sampling: -29.60

Vacuum Pressure of Canister After Sampling: -7.46

Temperature in Sampling Zone: ≈70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature Rylee Hooker Date: 11/14/25

Environmental Advantage

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: RBM Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center; 155 Chandler St.

Person(s) Performing Sampling: Rylee Hookes; Kate Ludwig

Sample Identification: IA-13 (011425)

Sample Type: ☒ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 1/14/2025 Setup Time: 8:45 Stop Time: 4:30

Sample Depth: N/A

Sample Height: ≈ 2'

Sampling Method(s) & Device(s): 2.7 Liter Summa canister & regulator

Purge Volume: N/A

Sample Volume: 2.7 L

Sampling Canister Type & Size (if applicable): 2.7 L Summa

Canister # 147B Regulator # 0918

Vacuum Pressure of Canister Prior to Sampling: -29.88

Vacuum Pressure of Canister After Sampling: -9.23

Temperature in Sampling Zone: ≈ 70°F

Apparent Moisture Content of Sampling Zone: low

Soil Type in Sampling Zone: N/A

Standard Chain of Custody Procedures Used for Handling & Delivery of Samples to Laboratory:

☒ Yes ☐ No. If no, provide reason(s) why?

Laboratory Name: Alpha Analytical

Analysis: TO-15

Comments:

Sampler's Signature: Rylee Hookes Date: 1/14/25