Environmental Advantage

Environmental Advantage, Inc. 3636 N. Buffalo Road Orchard Park, New York 14127
Industrial Compliance, Hazardous Materials Management, Site Assessment/Remediation

June 29, 2023

Megan Kuczka, DER Project Manager
New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 9
700 Delaware Avenue
Buffalo, New York 14209

Re: **Periodic Review Report – April 2022 - 2023; DEC Site #C915312**
Pierce Arrow Business Center, 155-157 Chandler Street, Buffalo, New York

Dear Ms. Kuczka:

In accordance with the Site Management Plan (NYSDEC Site Number: C915312), Section 7.2 Periodic Review Report, NYSDEC's March 14, 2023 letter to Mr. Rocco Termini regarding the preparation and submittal of a Site Management Periodic Review Report and IC/EC Certification, please find attached a Periodic Review Report that includes the appropriate certifications and the 2022-2023 Routine Progress Report.

If you have comments or questions regarding the contents of these documents, please contact me directly.

Very truly yours,
ENVIRONMENTAL ADVANTAGE, INC.

C. Mark Hanna, CHMM
President

Attachments

cc: R. Termini
J. Rothschild
J. Schenne
S. Selmer (NYSDOH)

01101\ CY2021-2022\Pierce Arrow Business Center – BCP #C915312 – PRR 2022-2023 – 052423

Periodic Review Report

April 27, 2022 – April 27, 2023 Reporting Period

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

NYSDEC Site Number: C915312

Prepared by:
Environmental Advantage, Inc.
3636 North Buffalo Road
Orchard Park, New York 14127
(716) 667-3130

May 24, 2023
Revised June 29, 2023

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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, or last approved by DER[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 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, C. Mark Hanna, CHMM, President of Environmental Advantage, Inc., 3636 N. Buffalo Road, Orchard Park, NY 14127, am certifying as Owner's/Remedial Party's Designated Site Representative.

0696		May 24, 2023
CHMM Certification #	Signature	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") is an approximately 2.35 acre property 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, located in Appendix A. The Site consists of an approximate 65,000-square foot building, 22,000-square foot courtyard within the central area of the building and 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. 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 factory occupied by Linde Air Products until the early-1950s. Bell Aircraft Corp. occupied the Site in the early-to-mid 1950s, which was then purchased by Donald Rosen in 1958, who utilized the property for G & R Machinery (machine shop). The Site was purchased by Ontario Equipment Co. in 2005, and by R&M Leasing, LLC in February 2017.

Brownfield Cleanup Agreement (BCA Index No. C915312-02-17[2]) was executed on April 24, 2017 for the Site, which identified the property as Site # C915312 with the New York State Department of Environmental Conservation (NYSDEC) under the Brownfield Cleanup Program (BCP). An amendment to the BCA was later executed on September 21, 2017[3]. Hazard Evaluations Inc. (HEI), in association with Schenne & Associates (S&A), completed remedial investigation (RI) activities, as well as interim remedial measure (IRM) activities, in accordance with an RI/IRM Work Plan[4], which was approved by NYSDEC on April 20, 2017. The RI and IRM work was done concurrently, with additional investigation or IRM work completed, as needed. A series of IRM work tasks were performed at the Site in order to remediate the on-Site concerns as detailed in the Final Remedial Investigation-Interim Remedial Measures-Alternative Analysis Report[5] and Final Engineering Report[6]. IRM work tasks completed at the Site included the following:

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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.

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.

Courtyard Area:

- Asbestos containing materials (ACMs) were identified within the courtyard area which resulted in the need to remove the top two inches of soil. A composite characterization sample was collected for landfill disposal. Test results identified PCBs at a concentration of 53 parts per million (ppm), which prompted further IRM work within the courtyard area.
- ACMs soils, which were identified by AMD Environmental, the Owner's representative, were excavated and disposed off-Site as PCBs-containing soil. The soils were disposed at a Waste Management facility in Emelle, Alabama.
- After the courtyard was deemed as ACMs free, additional soil excavations were completed under the guidance of HEI. Soil containing over 50 ppm of PCBs was excavated from the courtyard area and disposed off-Site.
- Additional materials removal was completed from the courtyard area, which included the following:
    - Brick was generated from pavers that were present within the courtyard. Concrete was generated from former pad areas, as well as from foundations within the courtyard area. The brick and concrete materials were disposed off-Site at a Waste Management facility in Chaffee, New York.
    - Further soil excavations were completed, generally to depths of 2 to 3 feet below original grade, into the native underlying clay soils. Soils that contained PCBs below 50 ppm, but over the Restricted Residential Use Soil Cleanup Objective (RRUSCO) standard of 1 ppm, were excavated and disposed at a Waste Management facility in Chaffee, New York.
- One 2,000-gallon gasoline underground storage tank (UST) was located within the courtyard area. The tank was uncovered and approximately 150 gallons of a gasoline/water mixture were pumped from the tank. Upon removal, the steel tank was cleaned and crushed for recycling at the Niagara Metals LLC scrap yard. A limited amount of impacted soil was present on the bottom and northern sidewall. The impacted soil was excavated and disposed off-Site at a Waste Management facility in Chaffee, New York.
- Three drainage structures or "pits" were also identified within the courtyard area. Each drainage structure was excavated and any associated impacted soil was removed and disposed off-Site at a Waste Management facility in Chaffee, New York.
- Historical records identified the potential for a 10,000-gallon above ground storage tank (AST) vault to be present near the former boiler room. During the removal of a concrete pad, the vault area was discovered under the concrete pad. Once the concrete was removed, the vault was found to be filled with brick and sand.
    - A sample of the sand material was analyzed for PCBs, which indicated a PCBs-concentration over 50 ppm. The sand and brick materials were subsequently removed from the vault and the materials were disposed off-Site at a Waste Management facility in Emelle, Alabama.

- A concrete footer was located within the vault, measuring approximately 18-inches wide and extending over four feet. The vault had a concrete floor/base that was approximately six inches thick. Due to the vault's proximity to the chimney, the vault footer was required to remain in place, as removal would risk compromising the structural stability of the chimney foundation.

– Sidewall and bottom samples were collected from the UST excavation area, former vault area, and the drainage structure or "pit" areas. Additionally, confirmatory soil samples were selected from the bottom of the excavation which occurred in the courtyard area. Soil sample results did not identify impacts above the RRUSCO.

Parking Lot Area:

– Due to the presence of metals and SVOCs within the fill material, the three to four feet of fill material within the parking lot area was scheduled for removal during the IRM work. Initial waste characterization samples identified portions of the parking lot at concentrations deemed as hazardous due to characteristic of lead toxicity. Additional delineation work was completed to evaluate areas with lead impacts.
– The lead soils were stabilized on-Site using the MAECTITE® stabilization process, a proprietary process completed by Sevenson Environmental. The stabilization process bound the lead, preventing further leaching. As such, the soil was able to be disposed as non-hazardous soil.
– The parking lot area was then excavated to a depth of three to four feet below grade to the underlying native clay soils. Approximately 2,200 tons of soil were excavated and disposed off-Site at a Waste Management facility in Chaffee, New York.
– Confirmatory soil samples were collected from the sidewall and bottom of the excavation within the parking lot area. Analytical test results did not identify compounds above RRUSCO.

Under Building Area:

– The Site was on a fast track for Site development. As such, HEI worked with the Site Owner to investigate and evaluate specific areas under the building proposed for future water and/or sewer lines. Additionally, sub-slab soil samples were collected and if impacts were identified, the soil was excavated. Concrete samples were also collected to determine if PCBs were present.
– During RI work, specific areas of impact were identified. For each area, the soil surrounding the area was excavated and sidewall and bottom samples were collected, which did not exhibit further exceedances. Soil from under the building was excavated and disposed off-Site at a Waste Management facility in Chaffee, New York.
– PCBs were identified within the concrete floor at various locations, specifically in the southwestern corner of the structure. The concrete was subsequently removed and disposed off-Site at a Waste Management facility in Chaffee,

New York. Confirmatory samples were collected from the adjoining concrete floor, which did not identify any PCBs concentrations above RRUSCO.

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

1.3 Institutional and Engineering Controls

Since remaining contamination exists at the Site, Institutional Controls (ICs) and Engineering Controls (ECs) as outlined in the Site Management Plan (SMP)[8] were required to protect human health and the environment, and include the following:

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;
- Groundwater and other environmental 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 1, and any potential impacts that are identified must be monitored or mitigated; and
- Vegetable gardens and farming on the Site are prohibited.

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

8 "Pierce Arrow Business Center, 155-157 Chandler, Erie County, Buffalo, New York, Site Management Plan, NYSDEC Site Number: C915312", prepared by Hazard Evaluations, Inc., and Schenne & Associates, dated December 14, 2017.

Engineering Controls:

- Four (4) Sub-Slab Depressurization (SSD) systems were installed in the southwestern portion of the Site, in proximity to SS-3/IA-3 and SS-4/IA-4 sample locations. 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 in the four SSD systems, measured in the exhaust piping manometer located 5-feet 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 SSDS, with no significant non-operating time.

The SSD systems were installed in November 2017, with a system start date of November 8, 2017. SSD system locations within the building are identified in Figure 2, provided in Appendix A. The four (4) mitigation fans are individually monitored with a dedicated (air-flow) alarm system, which is mounted to the system pipe to alert users of a low or no flow condition. Each fan also includes an interior mounted manometer installed at eye level to provide a visual indication to the tenants that the system is operating. In the event that a fan loses power or vacuum an audible alarm with a blinking LED light will notify the tenant of the no air flow condition. 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.

1.4 Monitoring and Sampling Requirements

The Monitoring and Sampling Plan included in the SMP describes the measures for evaluating the overall performance and effectiveness of the remedy. The Monitoring 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) SSD systems 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 to assess the effectiveness of the four (4) SSD systems. The SSD system locations are shown in Figure 2 (Appendix A).
- Previously, annual sampling and analysis of groundwater at one monitoring well (MW-3) for VOCs, using USEPA Method 8260 TCL was required. MW-3 was decommissioned as per CP-43 (Commissioner's Policy 43): Groundwater Monitoring Well Decommissioning Policy on October 13, 2022. The location of the former monitoring well is identified in Figure 3.

2.0 SITE INSPECTION AND MONITORING RESULTS

2.1 Site Inspections

In response to detections of trichloroethene (TCE) in the indoor air during the 2021-2022 monitoring period, on June 14, 2022, EA completed a Supplemental Soil Vapor Intrusion Investigation[9]. Additional sub-slab and indoor air samples were collected at areas located within the Buffalo Cider Hall, ODL Orthodontic Laboratory, and elevator shaft area of the building. The results of the investigation were submitted to the Department in the Supplemental Soil Vapor Intrusion Investigation Report – June 2022, dated September 21, 2022, as revised. Please refer to the June 2022 report for documents related to the Supplemental June Investigation. Please Note: An initial phase of the Soil Vapor Intrusion Investigation was completed during the previous 2021-2022 monitoring period as reported in the March 2022 Soil Vapor Intrusion Investigation Report[10] and previous 2021 – 2022 Periodic Review Report (PRR)[11].

On December 19, 2022, EA completed a Site-wide inspection and collected annual SMP compliance indoor air samples at locations IA-1 through IA-6 to assure the SSD systems were operating properly as designed. Copies of the Site-wide inspection report with photographs, building inventory, and field notes are included in Appendix B. The following was noted during the SSD system inspection:

- The four SSD systems appeared to be functioning properly at the time of the inspection, as positive pressure differential readings were recorded as follows:
  - SSDS-1 operated at one-inch of water;
  - SSDS-2 operated at one-inch of water;
  - SSDS-3 operated at one-inch of water; and
  - SSDS-4 operated at one-inch of water.

- EA collected air sample canisters at six indoor locations and one outdoor location and submitted the air canisters to Alpha Analytical for VOCs analysis via USEPA method TO-15. Air testing results are described in Section 2.2.

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

9 "Supplemental Soil Vapor Intrusion Investigation Report – June 2022", prepared by Environmental Advantage, Inc., dated September 21, 2022.
10" March 2022 Soil Vapor Intrusion Investigation Report", prepared by Environmental Advantage, Inc., dated August 10, 2022.
11 Periodic Review Report – April 2022 – Revised; DEC Site #C911532", prepared by Environmental Advantage, Inc., dated May 27, 2022, Revised August 15, 2022.

2.2 Indoor Air Sampling Results

Annual indoor air sampling is required to assess the effectiveness of the four (4) SSD systems. The SSD system locations, along with indoor air sampling locations, are included on Figure 2 (Appendix A).

As detailed in the previous 2021 – 2022 Periodic Review Report (PRR)[12], Soil Vapor Intrusion Investigation Work Plan dated March 15, 2022[13], and March 2022 Soil Vapor Intrusion Investigation Report[14], TCE was detected in the vicinity of SMP compliance sample location IA-6 in exceedance of its respective New York State Department of Health (NYSDOH) air guideline value (AGV) value of 2 ug/m^3 and NYSDOH Soil Vapor/Indoor Air Matrix A as outlined in the Guidance for Evaluating Soil Vapor Intrusion in New York State[15]. This area, also known as the Buffalo Cider Hall, was subject to additional investigations in March 2022, June 2022, and July 2022 as detailed in the March 2022 Soil Vapor Intrusion Investigation Report and Supplemental Soil Vapor Intrusion Investigation Report – June 2022. Please refer to those individual reports for a summary of the March and June Investigations.

During the December 19, 2022 Annual SMP compliance air sampling event, EA collected six indoor and one outdoor air samples at locations IA-1 through IA-6, and OA-1 to assure the SSD systems were operating properly as designed, air sample locations from the December 2022 sampling event are shown on Figure 2. The samples were collected over an 8-hour period and were submitted for VOCs analysis via USEPA method TO-15 and compared to Table 3.1 - Air Guideline Values Derived by the NYSDOH and the Soil Vapor/Indoor Air Decision Matrices as published in the *Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, as amended, and Table C2: "EPA 2001: Building Assessment and Survey Evaluation (BASE) Database" within Appendix C of the NYSDOH Guidance document. Indoor air analytical results are summarized on Tables 1 and 2 located in Appendix C and the laboratory reports are included in Appendix D. As shown on Table 1 and Table 2, 27 individual VOC parameters were detected within the six SMP compliance indoor air samples and one outdoor air sample. Most compounds were detected at concentrations below their respective NYSDOH Air Guideline Values (AGV), Matrix Values and USEPA commercial indoor and outdoor air background levels. However, the following results were noted:

- Carbon tetrachloride was detected in all six indoor air samples collected from locations IA-1 (121922) through IA-6 (121922) at concentrations below its respective guidance values. Carbon tetrachloride was also detected in the outdoor air sample OA-1 (121922).

12 Periodic Review Report – April 2022 – Revised; DEC Site #C911532", prepared by Environmental Advantage, Inc., dated May 27, 2022, Revised August 15, 2022.

13 "Soil Vapor Intrusion Investigation Work Plan for Pierce Arrow Business Center" prepared by Environmental Advantage, Inc., dated March 15, 2022, approved by NYSDEC on April 1, 2022.

14" March 2022 Soil Vapor Intrusion Investigation Report", prepared by Environmental Advantage, Inc., dated August 10, 2022.

15 "Guidance for Evaluating Soil Vapor Intrusion in New York State" prepared by NYSDOH, October 2006, updated May 2017.

- o Cis-1,2-dichloroethene was detected in the IA-6 (121922) indoor air sample at a concentration below its respective guidance value. Cis-1,2-dichloroethene was not detected in the outdoor air sample OA-1 (121922).

- o Methylene chloride was detected in the IA-3 (121922) DUPLICATE indoor air sample only at a concentration below its respective guidance values. Methylene chloride was not detected in the outdoor air sample OA-1 (121922).

- o Tetrachloroethene (PCE) was detected in four of the six indoor air samples collected from IA-1 (121922), IA-2 (121922), IA-5 (121922), and IA-6 (121922), however at concentrations below its respective guidance values. PCE was not detected in the outdoor air sample OA-1 (121922).

- o TCE was detected in all six indoor air samples collected at concentrations ranging from 0.183 ug/m3 at IA-3 (121922) DUPLICTE to 4.11 ug/m3 at IA-6 (121922). The IA-6 (121922) location exceeds the respective NYSDOH AGV of 2 ug/m3, and Matrix Action Level of 1 ug/m3 and above for TCE. TCE was also detected in the outdoor air sample OA-1 (121922).

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

On January 30, 2023, Schenne & Associates Engineers & Geologists, submitted a Sub-Slab Depressurization System Design Work Plan to the Department to address the Soil Vapor Intrusion in the area known as the Buffalo Cider Hall and ODL Orthodontics Lab portions of the 155 Chandler complex. The Work Plan was subsequently revised based on Department comments and resubmitted on April 6, 2023. The Department approved the Work Plan on April 11, 2023.

2.3 Groundwater Monitoring Well Decommissioning

The one remaining groundwater monitoring well was decommissioned as per CP-43: 'Groundwater Monitoring Well Decommissioning Policy' on October 13, 2022. The location of the former monitoring well is identified in Figure 3. VOCs had not been detected at concentrations exceeding their respective Class GA criteria since IRM activities were completed in 2017. The Well Decommissioning Record is included in Appendix E.

As per the Final Engineering Report, the parking lot area was excavated to a depth of three to four feet below grade to the underlying native clay soils during remedial activities. Approximately 2,200 tons of soil was excavated and disposed off-Site at a Waste Management facility in Chaffee, New York. Community Air Monitoring Program (CAMP) monitoring was not conducted during well decommissioning activities because the PVC riser was broken off at 2-feet below grade, within the clean backfilled area. The broken off PVC riser was disposed in the municipal trash for the 155 Chandler site, with remainder of the well tremmie grouted to 20-feet below grade. The area was finished with an asphalt patch. No aggregate material was generated or imported during well decommissioning activities.

2.4 Data Usability Summary

The analytical data from the air samples collected from December 2022 were submitted for independent review, as required by NYSDEC. Vali-Data of WNY, LLC, located in Fulton, New York, completed the data usability summary reports (DUSRs). The DUSRs are provided in Appendix F and were prepared using guidance from the USEPA Region 2 Validation Standard Operating Procedures, USEPA National Functional Guidelines for Data Review, and professional judgement. DUSR's from the March 2022 SVI Investigation and June 2022 Supplemental SVI Investigation were evaluated in each respective report referenced above.

Indoor air samples were collected as described above and were evaluated as described below:

Ambient Air Samples December 2022 – Alpha Lab Report L2271489:

The results for six indoor air samples, one blind duplicate, and one outdoor air samples 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 Initial Calibration.
- Sample IA-5 (121922) was diluted due to high target analyte concentrations in the TO-15 analysis.
- All results were recorded to the reporting limits.
- All criteria were met in the field duplicate sample precision except Methylene Chloride was detected in IA-3 (121922) DUPLICATE but was not detected in IA-3 (121922).
- All criteria were met in the initial calibration except the %Rec of Benzyl chloride was outside QC limits in the Initial Calibration and the Initial Calibration Verification and should be qualified as estimated in the associated samples, blanks and spikes. Benzyl chloride was not detected at any of the sample locations.

2.5 Electronic Data Deliverables

As per NYSDEC, all aforementioned data were submitted electronically to the NYSDEC EQuIS system. Confirmation emails of successful data submittal are provided in Appendix F.

2.6 Certification Status

The completed Institutional and Engineering Controls Certification Form is included in Appendix G. **Please Note**: It is EA's opinion that the four SSD Systems are operating as designed and that the presence of PCE and TCE in the indoor air samples in the vicinity of IA-6 is not associated with the operation of those systems.

3.0 CORRECTIVE ACTIONS

3.1 Supplemental Soil Vapor Intrusion Investigation – June 2022

Expanding on the results obtained during the March 2022 Soil Vapor Intrusion Investigation, as detailed in the 2021 – 2022 PRR Report and March 2022 Soil Vapor Intrusion Investigation Report, additional investigation was completed in the Buffalo Cider Hall area of the Site building. On June 14, 2023, EA collected sub-slab and indoor air samples in the vicinity of two previously identified indoor air locations, IA-8 (120221) and IA-10 (032922), as well as the ODL tenant space between the cidery and the historical IA-5 location as illustrated on Figure 4. Additionally, sub-slab and indoor air samples were collected in a below grade storage area utilized by ODL Orthodontic Lab, which had not been identified until after the March 2022 investigation. Specifically, in the vicinity of the previous IA-8 (120221) location (cidery additional seating area), one (1) sub-slab vapor and a corresponding indoor air sample were collected approximately +/- 10-feet from the previous IA-8 location. At the previous IA-10 (032922) location (cidery "event area" room), one (1) sub-slab vapor and a corresponding indoor air sample were collected. In an identified below-grade room identified as the "ODL storage area" on the opposite side of a wall from the previous SS-10 (032922) location, one (1) sub-slab vapor and a corresponding indoor air sample were collected. Also, in the ODL waiting room, approximately +/- 50-feet from the previous IA-5 location, (1) sub-slab vapor and corresponding indoor air sample location was completed. In addition, one (1) indoor air sample was collected in the elevator shaft for the ODL elevator, one (1) outdoor ambient sample was collected from the rooftop directly adjacent to the HVAC units which service the cidery area of the building, and one (1) additional outdoor ambient air sample was collected directly outside of the cidery along the Chandler Street side of the building. Sampling locations are shown on Figure 4.

The June 2022 investigation revealed the following as reported in the June 2022 Supplemental Soil Vapor Intrusion Investigation Report:

TCE - The decision matrix from the NYSDOH guidance indicates that the SS-SS-12/IA-12 location/area would require mitigation due to the elevated sub-slab and corresponding indoor air concentrations. The SS-13/IA-13 location/area would require further monitoring. The SS-11/IA-11 location/area may possibly require monitoring or mitigation due to the elevated sub-slab concentrations, however the indoor air sample was non-detect for TCE with a reporting limit of 0.107 ug/m^3 due to sample dilution.

Carbon Tetrachloride - The decision matrix from the NYSDOH guidance indicates that the SS-12/IA-12 locations/areas would require mitigation.

PCE - The decision matrix from the NYSDOH guidance indicates that the SS-8/IA-8 location/area would require mitigation and that the SS-11/IA-11 and SS-12/IA-12 locations/areas would require to Identify Source(s) and Resample or Mitigate. The SS-12(061422) sample exhibited elevated laboratory reporting limits due to sample dilution.

The results of both the March 2022 and June 2022 investigations are presented in Table 3. The results of both the March 2022 and June 2022 investigations applied to the NYSDOH decision matrices is presented in Table 4.

3.2 July 2022 Ambient Air Sampling

Based on the results of the combined March 2022 and June 2022 SVI investigations, a site meeting was scheduled for July 21, 2022 to identify potential areas for mitigation system installation. During the meeting, a previously unidentified segregated area located adjacent to the ODL basement storage area and below the cidery mezzanine event area was discovered. This segregated area appeared to be an inter-wall space, possibly due to the connection of two formerly separate buildings. This segregated area was identified through a 3-inch diameter former piping cutout in the floor in the northeast corner of the cidery mezzanine event area. It should be noted that the mezzanine area floor is not a concrete slab from which a sub-slab sample can be collected, as it is above grade, with the ODL Basement storage area directly underneath. The only access to the identified segregated area is the 3-inch piping cut out from which the area was discovered. Flashlights were used to inspect the segregated area, but no definitive details could be identified. The Department was notified and indoor air sampling was immediately scheduled for July 28, 2022[16].

On July 28, 2022, two (2) additional ambient indoor air samples were collected from the cidery mezzanine area and the inter-wall space below the mezzanine. Sample IA-15(072822) was collected by inserting the sample tubing into the segregated space through the 3-inch former piping cutout, and extending down to approximately 5-feet below the ceiling of the closed off room. A second indoor air sample IA-16(072822) was collected in the cidery mezzanine event area located directly above the inter-wall space.

The results of the July sampling detected TCE at a concentration of 2.09 ug/m^3, which exceeds the NYSDOH AGV of 2 ug/m^3 and PCE at a concentration of 0.339 ug/m^3 within the inter-wall space. Important to note is that this sample was collected through the 3-inch piping floor cutout in the closed off room where occupancy is not permitted. No accompanying sub-slab sample was able to be collected as there is no access to the room. In the cidery mezzanine area TCE was detected at a concentration of 0.145 ug/m^3, and PCE was detected at a concentration of 0.244 ug/m^3. No accompanying sub-slab sample was able to be collected as this is an elevated area with the ODL Basement storage area and inter-wall space located below. Because accompanying sub-slab samples were not able to be collected, the NYSDOH decision matrices could not be applied to this data. The results of the July 2022 sampling are presented on Table 3, with sampling locations depicted on Figure 4. Additional details about the July 2022 ambient air samples were included in the June 2022 Supplemental Soil Vapor Intrusion Investigation Report.

[16]Mary Szustak (EA) email message to Megan E. Kuczka (DEC), Monday July 25, 2022 4:06 PM.

3.3 Sub-Slab Depressurization System Design Work Plan

On January 30, 2023, Schenne & Associates Engineers & Geologists, submitted a Sub-Slab Depressurization System Design Work Plan to the Department to address the Soil Vapor Intrusion in the area known as the Buffalo Cider Hall and ODL Orthodontics Lab portions of the 155 Chandler complex. The Work Plan was subsequently revised based on Department comments and revised and resubmitted on April 6, 2023. The Department approved the Work Plan on April 11, 2023. The Pilot Study was completed on May 15-16, 2023, the results of which will be presented to the Department under separate cover.

4.0 CONCLUSIONS AND RECOMMENDATIONS

In general, all components of the Site Management Plan have been met during the current monitoring and reporting period. Based on consistent groundwater results at MW-3, where VOCs had not been detected at concentrations exceeding their respective Class GA criteria since IRM activities were completed in 2017, MW-3 was decommissioned in October 2022 as per CP-43 guidance. During the current monitoring and reporting period, no maintenance was performed on the SSD systems, and no maintenance needs were identified during the annual Site-wide inspection. Additionally, no change in use, groundwater use, or excavations were performed on-site, as reported to EA by Site management.

Annual air compliance monitoring at the IA-1, IA-2, and IA-3 locations have exhibited results below applicable NYSDOH guidance for all five consecutive annual monitoring events. Annual air compliance monitoring at the IA-4 location has exhibited results below applicable NYSDOH guidance for four consecutive annual monitoring events, with only the initial monitoring event in 2018 exhibiting results in exceedance of the maximum allowable indoor air concentrations for “No Further Action” from the Soil Vapor/Indoor Air Matrix A of the NYSDOH guidance[17]. As noted in previous reports[18], during the initial post-SSD system monitoring and sampling event in December 2018, SSDS-1, SSDS-2, and SSDS-3 were not operating. It is also recommended that the IA-6 sampling location be relocated to inside the Buffalo Cider Hall area of the restaurant, where intrusion of PCE and TCE has been identified. Once corrective measures are completed in the Buffalo Cider Hall and ODL Orthodontic Lab areas of the 155 Chandler complex, additional annual verification sample locations will be recommended. No other changes to the SMP are recommended at this time. The annual Site-wide SSD system inspection will be completed by December 2023.

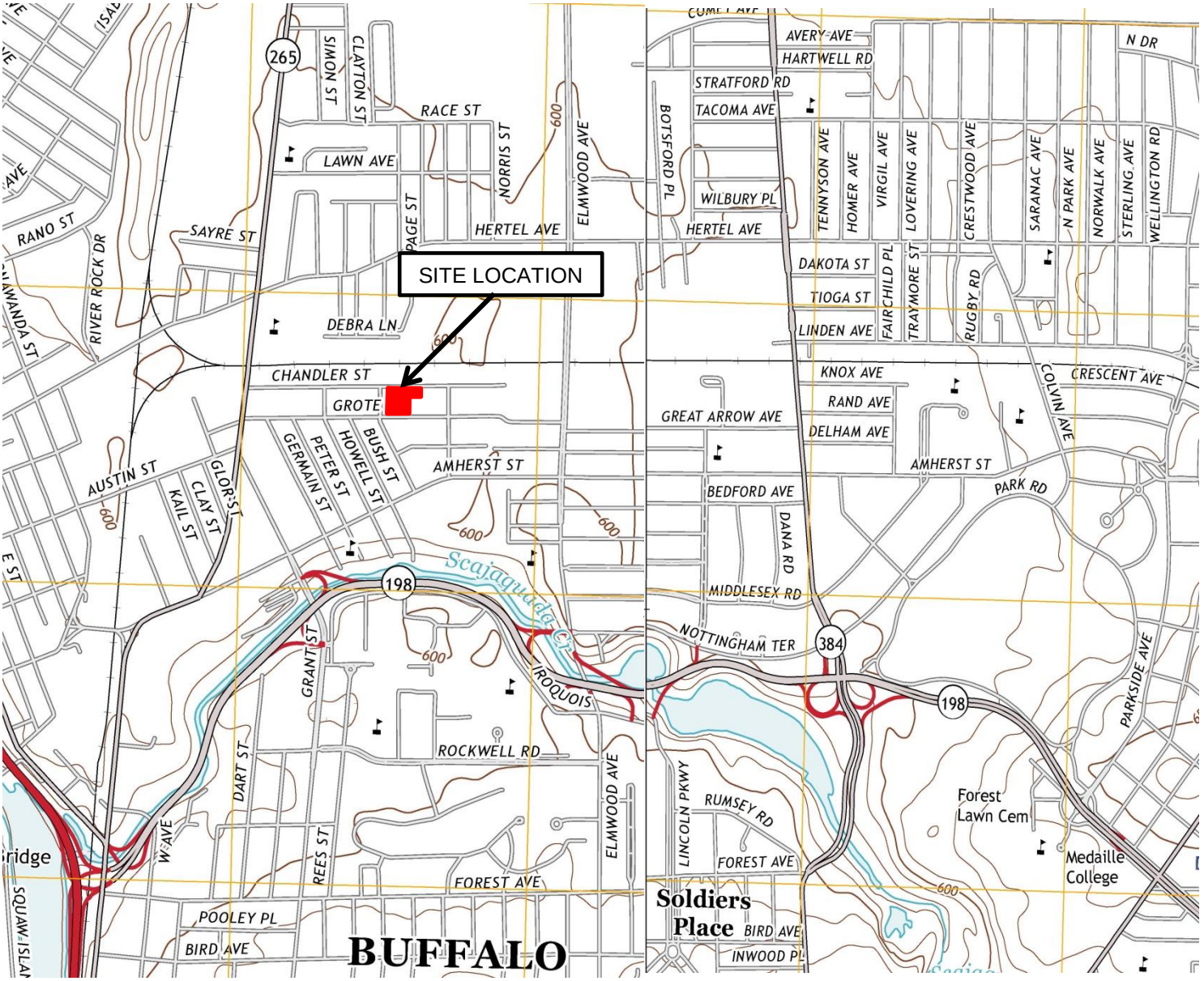
[17] Based on information provided by the NYSDOH, when preforming verification sampling, the maximum allowable Indoor air concentrations for “No Further Action” on the NYSDOH Soil Vapor/Indoor Air Decision Matrices are used as a guideline since sub-slab vapor concentrations have previously been identified.
[18] March 2022 Soil Vapor Intrusion Work Plan, March 2022 Soil Vapor Intrusion Investigation Report, and Supplemental Soil Vapor Intrusion Investigation Report – June 2022.

Although there have been exceedances of PCE and TCE within the indoor air in the Buffalo Cider Hall area of the Site building, the four (4) SSD systems continue to function properly as designed to mitigate soil vapor intrusion in the south-west corner of the building where the SSD systems are located. These SSD systems will be tested if, in the course of the system lifetime, significant changes are made to the system, and the system must be restarted. The SSD systems will be inspected and maintained at least annually. Additional inspections and/or sampling may occur when a suspected failure of the SSD system has been reported or an emergency occurs. The Operation & Maintenance Plan (O&M Plan) describes the measures necessary to operate, monitor and maintain the existing SSD systems and includes procedures for routine operation, shutdown, general maintenance and monitoring requirements, and record keeping. The O&M Plan is fully in place, with no deficiencies in compliance.

Results of the May 2023 Pilot Study will be reviewed by EA and the engineer on record in effort to design an appropriate mitigation system to address the vapor intrusion in the Buffalo Cider Hall area of the building. Proposed equipment will be presented to the Department and a Final SSDS Installation Report with final Piping and Instrumentation Diagrams (PI&D's) will be submitted to the Department for review. The vapor intrusion pathway was addressed in the Qualitative Exposure Assessment; therefore no changes are recommended at this time as mitigation is in the process of being completed. Ventilation in the building has been increased as evidenced by the installation of door vents in 2022, as well as the introduction of additional fresh air by opening windows and doors in the cidery area of the building while the mitigation system is being designed and installed. The requirements for Site closure have not yet been met, and no changes to the frequency of PRR submittals are recommended at this time.

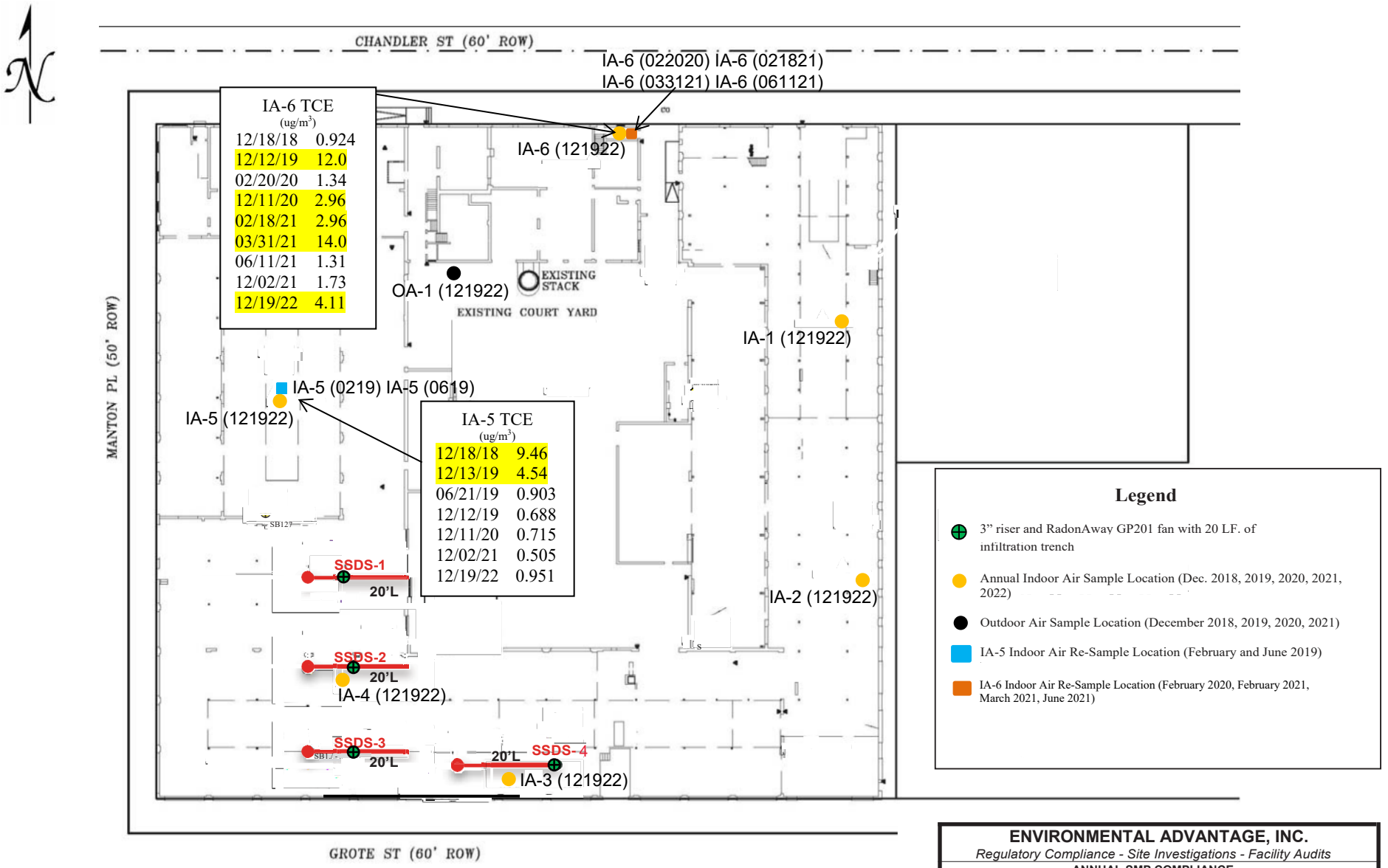
APPENDIX A

FIGURES



THIS DRAWING IS FOR ILLUSTRATIVE AND INFORMATIONAL PURPOSES ONLY
AND WAS ADAPTED FROM USGS, BUFFALO NE & NW, NEW YORK 2013 QUADRANGLE

ENVIRONMENTAL ADVANTAGE, INC. *Regulatory Compliance – Site Investigations – Facility Inspections*		
SITE LOCATION MAP 155 & 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MB	SCALE: NOT TO SCALE	PROJECT: 01101
CHECKED BY: CMH	DATE: 04/2022	FIGURE NO: 1

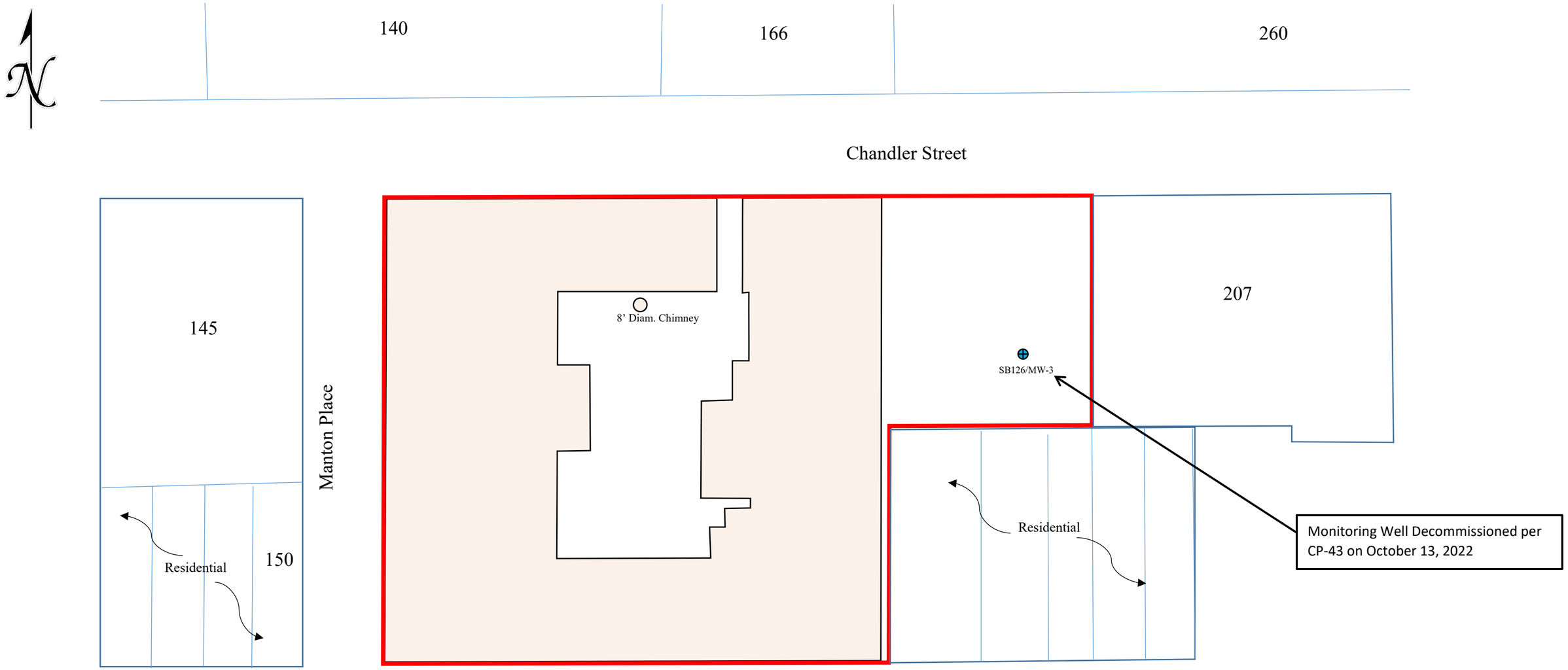


SUB-SLAB MIGRATION SYSTEM

N.T.S.

AS-BUILT

ENVIRONMENTAL ADVANTAGE, INC.		
Regulatory Compliance - Site Investigations - Facility Audits		
ANNUAL SMP COMPLIANCE **INDOOR AIR SAMPLING LOCATIONS** 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: LSH CHECKED BY: MS	SCALE: NOT TO SCALE DATE: 04/23	FIGURE 2



Legend

⊕ = Monitoring well location

ENVIRONMENTAL ADVANTAGE, INC.		
Regulatory Compliance – Site Investigations – Facility Inspections		
FORMER MONITORING WELL LOCATION MAP 155 and 157 CHANDLER STREET BUFFALO, NEW YORK		
R & M LEASING LLC BUFFALO, NEW YORK		
DRAWN BY: MS	SCALE: 1" = 60'	PROJECT: 01101
CHECKED BY: CMH	DATE: 03/2023	FIGURE NO: 3

N

View of Rooftop above Cider Hall

RT-1

OA-1 (03/29/22)

IA-15 (07/28/22)

SS-9/IA-9 (03/29/22)

IA-16 (07/28/22)

SS-7/IA-7 (03/29/22)

SS-12/IA-12 (06/14/22)

CIDERY BAR AREA

ODL RECEPTION AREA

SS-13/IA-13 (06/14/22)

UPPER: MEZZANINE
LOWER: ODL BASEMENT
STORAGE ROOM

ELEVATOR

IA-14 (06/14/22)

STORAGE CLOSET

CIDERY ADDITIONAL SEATING AREA

CIDERY SEATING / EVENT AREA

SS-11/IA-11 (06/14/22)

IA-8 (12/02/21)

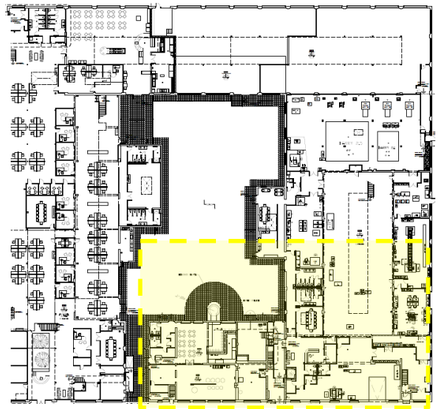
SS-10/IA-10(03/29/22)

IA-7 (12/02/21)

SS-8/IA-8 (06/14/22)

OA-2 (06/14/22)

Chandler Street



Legend

- Indoor Air Sample Location
- Sub-slab Air Sample Location
- Mezzanine Air Sample Location
- Rooftop Outdoor Air Sample Location
- Outdoor Air Sample Location
- Basement boundary area below mezzanine
- Sample ID
- Basement Closed Off Area
- Area of Concern

*Figure Adapted From: "Alterations To: 155 Chandler Street, Construction Set", dated September 26, 2017

**Figure used by Schenne & Associates Engineers & Geologists with permission from Environmental Advantage, Inc.

ENVIRONMENTAL ADVANTAGE, INC.
Regulatory Compliance - Site Investigations - Facility Audits

AREAS OF CONCERN

155 and 157 CHANDLER STREET
BUFFALO, NEW YORK

R & M LEASING LLC
BUFFALO, NEW YORK

DRAWN BY: MB CHECKED BY: CMH	SCALE: NOT TO SCALE DATE: 01/2023	FIGURE 4

APPENDIX B

SITE-WIDE INSPECTIONS AND FIELD NOTES

Site-Wide Inspection Form

Site: 155 Chandler Street Buffalo, NY Date: 12/19/2022

Inspector: Jason Kryszak Weather: 30°F Cloudy

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.

SSDS Pressure Differential Readings:

SSDS-1: 1.0''

SSDS-2: 1.0''

SSDS-3: 1.0''

SSDS-4: 1.0''

Deficiencies Observed / Corrective Actions Required: None

Notes: All SSDS fans and alarms are functioning properly.

Environmental Advantage

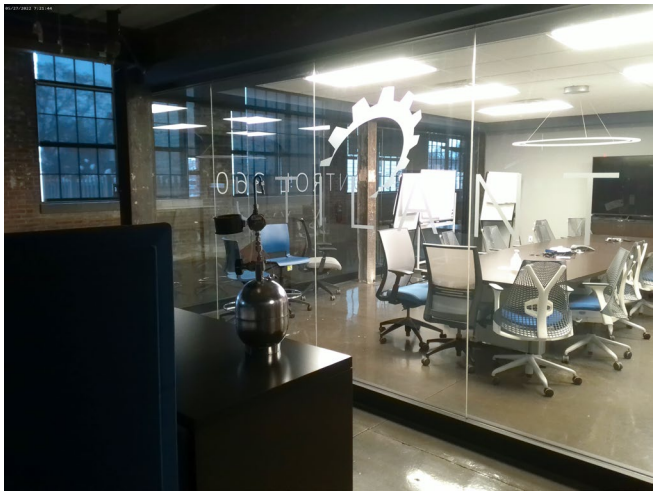
Implemented Institutional Controls:

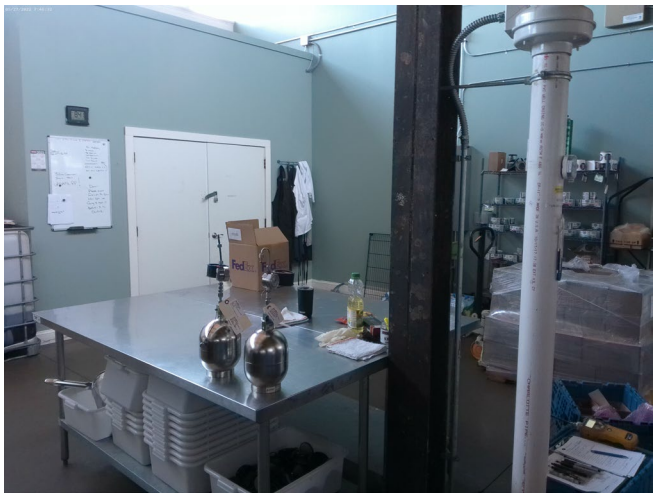
1. The property may only be used for restricted residential, commercial, and/or industrial use;
2. The use of groundwater is prohibited;
3. Data and information pertinent to site management must be reported at the frequency and in a manner as defined in the SMP;
4. All activities that will disturb remaining contaminated material must be conducted in accordance with the SMP;
5. 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; and
6. Vegetable gardens and farming are prohibited at the property;

Implemented Engineering Controls

1. Sub-Slab Depressurization System

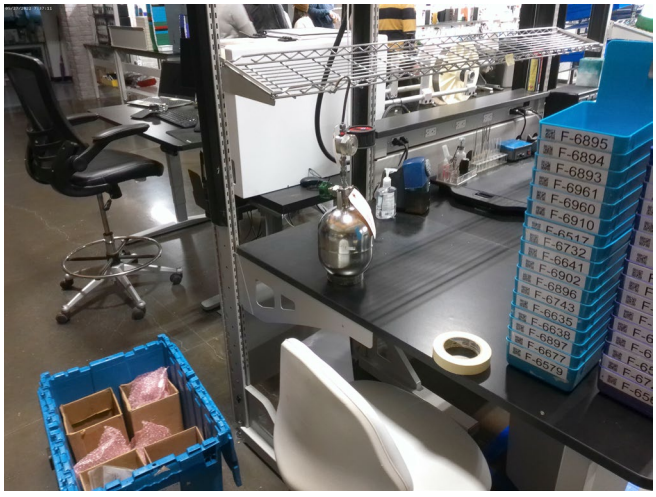
			
1.	12/19/22 – View of SSDS #1 Manometer Enclosure	2.	12/19/22 - View of SSDS #1 Manometer Reading
			
3.	12/19/22 – View of SSDS #2 Manometer Enclosure	4.	12/19/22 - View of SSDS #2 Manometer Reading
			
5.	12/19/22 – View of SSDS #3 Manometer Enclosure	6.	12/19/22 - View of SSDS #3 Manometer Reading

			
7.	12/19/22 – View of SSDS #3 Manometer Enclosure	8.	12/19/22 – View of SSDS #4 (not enclosed)
			
9.	12/19/22 - View of SSDS #4 Manometer Reading	10.	12/19/22 – View of SSDS #4 Piping
			
11.	12/19/22 – Sample Location IA-1 (Utilant)	12.	12/19/22 – Sample Location IA-2 (Utilant)



13.	12/19/22 – Sample Location IA-3 (Barrel & Brine)

14.	12/19/22 – Sample Location IA-4 (Anderson Tax)



15.	12/19/22 – Sample Location IA-5 (ODL Orthodontics)

16.	12/19/22 – Sample Location IA-6 (Mailroom)

17.	12/19/22 – Sample Location OA-1 (Courtyard)

Soil Vapor Intrusion - Structure Sampling Building Questionnaire Structure ID : _____

Site No. : C915312 Site Name : PIERCE ARROW BUSINESS CENTER

Date: 12/19/2022 Time: 08:00

Structure Address : 155-157 CHANDLER ST BUFFALO NY

Preparer's Name & Affiliation : JASON KRYSZAK, 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) : UTILANT (COMPUTER SOFTWARE), BARREL & BRINE (RESTAURANT), ANDERSEN TAX, GREAT LAKES PROCESSING SERVICES, LLC., ODL ORTHODONTICS, BLACKBIRD CIDERY

Owner Name : R & M LEASING Owner Phone : ( ) _____ - _____

Secondary Owner Phone : ( ) _____ - _____

Owner Address (if different) : 391 WASHINGTON ST. BUFFALO, NY 14203

Occupant Name : SIX VARIOUS COMMERCIAL Occupant Phone : ( ) _____ - _____

Secondary Occupant Phone : ( ) _____ - _____

Number & Age of All Persons Residing at this Location : APPROX. 10 PEOPLE (2nd FLOOR)

Additional Owner/Occupant Information : N/A

Describe Structure (style, number floors, size) : REFURBISHED INDUSTRIAL USE SPACE INTO MIXED USE SITE. 1-2 STORIES, BRICK EXTERIOR, FLAT RUBBER MEMBRANE

Approximate Year Built : EARLY 1900's Is the building Insulated? ☒ Yes ☐ No

Lowest level : ☐ Slab-on-grade ☒ Basement ☐ Crawlspace

Describe Lowest Level (finishing, use, time spent in space) : SMALL (~15'x20') BASEMENT ROOM USED TO STORE EQUIPMENT FOR ODL, FINISHED CONCRETE FLOOR W/ 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 AT BLACKBIRD CIDERY

Identify water, moisture, or seepage: location & severity (sump, cracks, stains, etc) : NONE

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 AIR 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 SA-6 LOCATION

Soil Vapor Intrusion - Structure Sampling Building Questionnaire **Structure ID :** _____

Describe factors that may affect indoor air quality (chemical use/storage, unvented heaters, smoking, workshop):

ODL 3-D PRINTS USING DPR-10 CARBON RESIN (ENCLOSED IN HOODS w/ DUCTS)

Attached garage ? ☐ Yes ☒ No Air fresheners ? ☐ Yes ☐ No

New carpet or furniture ? ☐ Yes ☒ No What/Where ? _____

Recent **painting** or **staining** ? ☐ Yes ☒ No Where ? : _____

Any **solvent** or **chemical-like** odors ? ☐ Yes ☒ No Describe : _____

Last time **Dry Cleaned** fabrics brought in ? NO What / Where ? _____

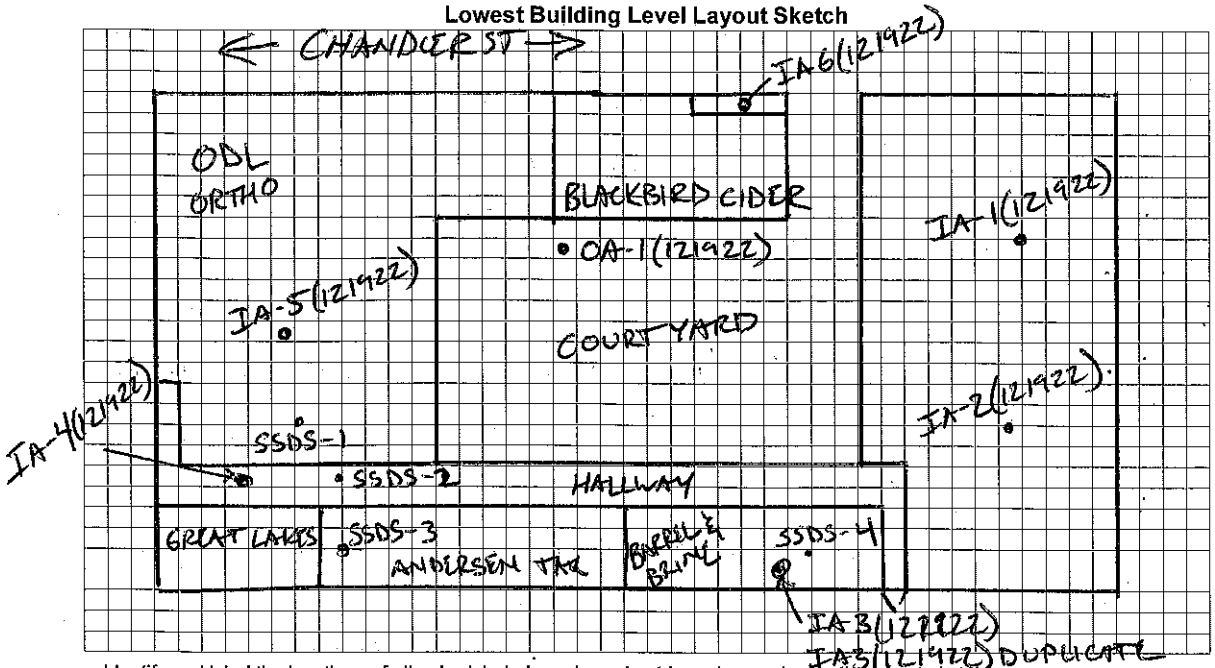
Do any building occupants use solvents at work ? ☒ Yes ☐ No Describe : ODL USES SMALL HAND BOTTLES OF ACETONE FOR CLEANING

Any testing for Radon ? ☐ Yes ☒ No Results : _____

Radon System/Soil Vapor Intrusion Mitigation System present ? ☐ Yes ☐ No If yes, describe below

4x SSDS INSTALLED IN 2017 AS ENGINEERING CONTROL FOR SITE

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: R & M LEASING

Date: 12/19/2022

Samplers & Company: JASON KRYSZAK, ENV ADVANTAGE

Structure ID: C915315

Site Number & Name: C915312; PIERCE ARROW BUSINESS CENTER

Phone Number:

Make & Model of PID: HONEYWELL MINIRAE 3000

Date of PID Calibration: 12/14/2022

Identify any Changes from Original Building Questionnaire : NONE

Product Name/Description	Quantity	Chemical Ingredients	PID Reading	Location
ACETONE	3 HAND BOTTLES	ACETONE	0.0	NEAR SSDS-1
ISOPROPANOL	1 HAND BOTTLE	ISOPROPANOL	0.0	NEAR SSDS-1
DPR-10 DENTAL RESIN	1x55g DRUM	UNKNOWN	0.0	NEAR SSDS-1

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA1 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0810 Stop Time: 1610

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 # 384 Regulator # 0813

Vacuum Pressure of Canister Prior to Sampling: -29.47

Vacuum Pressure of Canister After Sampling: -7.34

Temperature in Sampling Zone: 70º 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: T0-15

Comments:

0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA2 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0820 Stop Time: 1620

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 # 3422 Regulator # 01418

Vacuum Pressure of Canister Prior to Sampling: -29.69

Vacuum Pressure of Canister After Sampling: -7.74

Temperature in Sampling Zone: 70º 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: T0-15

Comments:
0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA3 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0830 Stop Time: 1630

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 # 3101 Regulator # 0388

Vacuum Pressure of Canister Prior to Sampling: -29.63

Vacuum Pressure of Canister After Sampling: -2.03

Temperature in Sampling Zone: 70º 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: T0-15

Comments:

0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA3 (121922) Duplicate

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0830 Stop Time: 1630

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 # 2304 Regulator # 01687

Vacuum Pressure of Canister Prior to Sampling: -29.69

Vacuum Pressure of Canister After Sampling: -7.25

Temperature in Sampling Zone: 70º 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: T0-15

Comments:

0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA4 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0845 Stop Time: 1645

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 # 3406 Regulator # 01504

Vacuum Pressure of Canister Prior to Sampling: -29.74

Vacuum Pressure of Canister After Sampling: -5.38

Temperature in Sampling Zone: 70º 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: T0-15

Comments:

0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA5 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0817 Stop Time: 1617

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 # 550 Regulator # 02275

Vacuum Pressure of Canister Prior to Sampling: -28.33

Vacuum Pressure of Canister After Sampling: -3.91

Temperature in Sampling Zone: 70º 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: T0-15

Comments:
0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: IA6 (121922)

Sample Type: ■ Indoor Air (ambient) ☐ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0800 Stop Time: 1606

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 # 180 Regulator # 02232

Vacuum Pressure of Canister Prior to Sampling: -29.64

Vacuum Pressure of Canister After Sampling: -7.81

Temperature in Sampling Zone: 70º 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: T0-15

Comments:
0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

AIR/VAPOR SAMPLING FIELD DATA SHEET

Client: R&M Leasing Project No.: 01101

Site Name & Address: Pierce Arrow Business Center 155-157 Chandler St. Buffalo, NY

Person(s) Performing Sampling: Jason Kryszak

Sample Identification: 0A1 (121922)

Sample Type: ☐ Indoor Air (ambient) ■ Outdoor Air ☐ Soil Vapor ☐ Sub-slab Vapor

Date of Collection: 12/19/2022 Setup Time: 0815 Stop Time: 1615

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 # 2023 Regulator # 0964

Vacuum Pressure of Canister Prior to Sampling: -29.96

Vacuum Pressure of Canister After Sampling: -6.79

Temperature in Sampling Zone: 30º 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: T0-15

Comments:
0 PPM ambient air

Sampler's Signature  Date: 12/19/2022

APPENDIX C

TABLES

Table 1
Indoor Air Analytical Testing Results Comparison
155 & 157 Chandler Street, Buffalo, NY
December 2022 Annual Sample

	Guidance Values - Indoor Air											
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Air Guideline Value	**NYSDOH Matrix Value**	IA-1 (121922) Indoor Air	IA-2 (121922) Indoor Air	IA-3 (121922) Indoor Air	IA-3 (121922) DUPLICATE Indoor Air	IA-4 (121922) Indoor Air	IA-5 (121922) Indoor Air	IA-6 (121922) Indoor Air	OA-1 (121922) Outdoor Air	Table C2 Outdoor Air Guidance Values
SAMPLING DATE				12/19/2022	12/19/2022	12/19/2022	12/19/2022	12/19/2022	12/19/2022	12/19/2022	12/19/2022	
LAB SAMPLE ID				L2271489-01	L2271489-02	L2271489-03	L2271489-04	L2271489-05	L2271489-06	L2271489-07	L2271489-08	
Volatile Organics in Air (ug/m^3)												
1,1,1-Trichloroethane*	20.6	NV	**10**	ND	ND	ND	ND	ND	ND	ND	ND	2.6
1,1,2,2-Tetrachloroethane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
1,1,2-Trichloroethane	<1.5	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.6
1,1-Dichloroethane	<0.7	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<0.6
1,1-Dichloroethene*	<1.4	NV	**1**	ND	ND	ND	ND	ND	ND	ND	ND	<1.4
1,2,4-Trichlorobenzene*	<6.8	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<6.4
1,2,4-Trimethylbenzene	9.5	NV	NV	ND	ND	ND	ND	ND	ND	1.13	ND	5.8
1,2-Dibromoethane	<1.5	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.6
1,2-Dichlorobenzene	<1.2	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.2
1,2-Dichloroethane	<0.9	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<0.8
1,2-Dichloropropane	<1.6	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.6
1,3,5-Trimethylbenzene	3.7	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	2.7
1,3-butadiene	<3.0	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<3.4
1,3-Dichlorobenzene	<2.4	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<2.2
1,4-Dichlorobenzene	5.5	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	1.2
1,4-Dioxane	NV	NV	NV	ND	0.782	ND	ND	ND	ND	ND	ND	NV
2,2,4-trimethylpentane	NV	NV	NV	ND	ND	ND	ND	ND	ND	2.47	ND	NV
2-Butanone (Methyl Ethyl Ketone)	12	NV	NV	ND	4.04	ND	ND	ND	2.34	ND	ND	11.3
2-Hexanone (Methyl Butyl Ketone)	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
3-Chloropropene	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
4-ethyltoluene	3.6	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	3.0
4-Methyl-2-pentanone (Methyl Isobutyl Ketone)	6	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	1.9
Acetone	98.9	NV	NV	9.74	20.2	176	162	877	2590 R1	54.6	6.25	43.7
Benzene	9.4	NV	NV	ND	ND	ND	ND	ND	0.789	1.73	ND	6.6
Benzyl chloride	<6.8	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<6.4
Bromodichloromethane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Bromoform	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Bromomethane	<1.7	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.6
Carbon disulfide	4.2	NV	NV	ND	5.92	1.8	1.53	ND	ND	ND	ND	3.7
Carbon tetrachloride*	<1.3	NV	**1**	0.667	0.61	0.591	0.572	0.528	0.56	0.761	0.491	0.7
Chlorobenzene	<0.9	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<0.8
Chloroethane	<1.1	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.2
Chloroform	1.1	NV	NV	ND	ND	3.83	3.48	ND	ND	ND	ND	0.6
Chloromethane	3.7	NV	NV	0.952	1.06	1.01	1.02	0.997	1.06	1.48	0.938	3.7
cis-1,2-Dichloroethene*	<1.9	NV	**1**	ND	ND	ND	ND	ND	ND	0.167	ND	<1.8
cis-1,3-Dichloropropene	<2.3	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<2.2
Cyclohexane	NV	NV	NV	ND	ND	ND	ND	ND	ND	1.57	ND	NV
Dibromochloromethane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Dichlorodifluoromethane	16.5	NV	NV	2.49	2.55	2.47	2.43	2.42	2.77	2.46	2.41	8.1
Ethanol	210	NV	NV	32.4	29.2	609	494	125	309	122	ND	57
Ethyl acetate	5.4	NV	NV	ND	ND	49.7	40.4	ND	2.28	ND	ND	1.5
Ethylbenzene	5.7	NV	NV	ND	ND	ND	ND	ND	ND	1.47	ND	3.5
Freon 113	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Freon 114	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Heptane	NV	NV	NV	ND	ND	ND	ND	ND	1.12	2.84	ND	NV
Hexachlorobutadiene	<6.8	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<6.4
Isopropanol	250	NV	NV	4.99	3.83	134	118	602	2930 R1	57	3	16.5
Methyl tert-butyl ether	11.5	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	6.2
Methylene chloride	10	60	**10**	ND	ND	ND	3.25	ND	ND	ND	ND	6.1
n-Hexane	10.2	NV	NV	ND	ND	ND	ND	ND	0.821	4.41	ND	6.4
o-Xylene	7.9	NV	NV	ND	ND	ND	ND	ND	ND	1.75	ND	4.6
p/m-Xylene	22.2	NV	NV	ND	ND	ND	ND	ND	ND	5.08	ND	12.8
Styrene	1.9	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	1.3
Tertiary butyl Alcohol	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Tetrachloroethene*	15.9	30	**10**	0.387	0.332	ND	ND	ND	0.17	0.224	ND	6.5
Tetrahydrofuran	NV	NV	NV	ND	15.7	ND	ND	1.62	4.84	ND	ND	NV
Toluene	43	NV	NV	ND	ND	ND	ND	1.59	3.38	8.37	ND	33.7
trans-1,2-Dichloroethene	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
trans-1,3-Dichloropropene	<1.3	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	<1.4
Trichloroethene*	4.2	2	**1**	0.779	0.597	0.21	0.183	0.441	0.951	**4.11**	0.183	1.3
Trichlorofluoromethane	18.1	NV	NV	1.35	1.24	1.2	1.18	1.19	1.21	1.2	1.16	4.3
Vinyl Bromide	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	NV
Vinyl chloride*	<1.9	NV	**0.2**	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 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 September 2013 and August 2015.
7. Grey shaded values represent exceedance of table C2 guidance values; yellow shaded values represents exceedance of NYSDOH Air Guideline Values; **BOLDED** = Exceedance of NYSDOH Matrix Guidelines.
8. Qualifiers: J = result is less than the reporting limit but greater or equal to the method detection limit and the concentration is an approximate value.
9. ND = Non Detect; NV = No Value; R1 = Analytical results are from sample re-analysis.
10. Red values represent updated values based on data validation.

Environmental Advantage

Table 2
Indoor Air Analytical Testing Results
155 & 157 Chandler Street, Buffalo, NY
December 2018 through December 2022

	Guidance Values - Indoor Air			IA-1						IA-2					IA-3							IA-4						
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Matrix Value	NYSDOH Air Guideline Value	IA-1 Indoor Air	IA-1 (121219) Indoor Air	IA-1 (121219) Duplicate Indoor Air	IA-1 (121120) Indoor Air	IA-1 (120221) Indoor Air	IA-1 (121922) Indoor Air	IA-2 Indoor Air	IA-2 (121219) Indoor Air	IA-2 (121120) Indoor Air	IA-2 (120221) Indoor Air	IA-2 (121922) Indoor Air	IA-3 Indoor Air	IA-3 (121219) Indoor Air	IA-3 (121120) Indoor Air	IA-3 (121120) Duplicate Indoor Air	IA-3 (120221) Indoor Air	IA-3 (121922) Indoor Air	IA-3 (121922) Duplicate Indoor Air	IA-4 Indoor Air	IA-4 Duplicate Indoor Air	IA-4 (121219) Indoor Air	IA-4 (121120) Indoor Air	IA-4 (120221) Indoor Air	IA-4 (120221) Duplicate Indoor Air	IA-4 (121922) Indoor Air
SAMPLING DATE				12/18/2018	12/12/2019	12/12/2019	12/11/2020	12/2/2021	12/19/2022	12/18/2018	12/12/2019	12/11/2020	12/2/2021	12/19/2022	12/18/2018	12/12/2019	12/11/2020	12/11/2020	12/2/2021	12/19/2022	12/19/2022	12/18/2018	12/18/2018	12/12/2019	12/11/2020	12/2/2021	12/2/2021	12/19/2022
LAB SAMPLE ID				L1852191-06	L1959919-06	L1959919-07	L2055692-06	L2166417-09	L2271489-01	L1852191-07	L1959919-08	L2055692-07	L2166417-10	L2271489-02	L1852191-02	L1959919-04	L2055692-03	L2055692-04	L2166417-04	L2271489-03	L2271489-04	L1852191-03	L1852191-04	L1959919-03	L2055692-02	L2166417-02	L2166417-03	L2271489-05
Volatile Organics in Air (ug/m^3)																												
1,1,1-Trichloroethane*	20.6	**10**	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethene*	<1.4	**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	ND	ND
1,4-Dioxane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.782	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (Methyl Ethyl Ketone)	12	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.04	ND	4.28	ND	ND	1.58	ND	ND	ND	ND	1.64	ND	ND	ND	ND
Acetone	98.9	NV	NV	14.4	11.9	11.8 J	8.46 J	15.7	9.74	14.6	12.4	7.98 J	17.6	20.2	21.1	13.3	8.29 J	11.7 J	113	176	162	24.7	24	8.20	9.93 J	195	194	877
Benzene	9.4	NV	NV	ND	0.744	0.824 J	0.684	ND	ND	ND	0.764	0.687	ND	ND	ND	0.652	ND	0.642	0.85	ND	ND	ND	ND	0.684	ND	ND	ND	ND
Carbon disulfide	4.2	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.92	2.24	1.35	1.36	1.94	1.42	1.8	1.53	ND	ND	ND	ND	ND	ND	ND
Carbon tetrachloride*	<1.3	**1**	NV	0.591	0.579	0.572 J	0.522	0.579	0.667	0.566	0.598	0.516	0.554	0.61	0.541	0.491	0.428	0.453	0.434	0.591	0.572	0.711	0.723	0.516	0.384	0.472	0.491	0.528
Chloroform	1.1	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.83	3.48	ND	ND	ND	ND	ND	5.66	ND
Chloromethane	3.7	NV	NV	1.25	1.19	1.16 J	1.07	1.16	0.952	1.14	1.22	1.07	1.14	1.06	1.17	1.18	1.02	1.06	1.13	1.01	1.02	2.95	1.13	1.11	1.04	1.14	1.21	0.997
cis-1,2-Dichloroethene*	<1.9	**1**	NV	ND	ND	ND	ND	ND	ND	ND	ND	0.186	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	16.5	NV	NV	1.63	2.59	2.59 J	2.20	2.78	2.49	1.68	2.70	2.12	2.82	2.55	2.4	2.58	2.02	2.06	2.51	2.47	2.43	1.78	1.66	2.57	2.04	2.61	2.73	2.42
Ethanol	210	NV	NV	155	298	352 J	230	176	32.4	207	224	215	198	29.2	307	931	590	803	5310 R1	609	494	148	144	392	1,330	100	96.3	125
Ethyl acetate	5.4	NV	NV	ND	6.85	7.03 J	6.45	ND	ND	ND	9.30	7.24	ND	ND	26.5	231	186	284	140	49.7	40.4	3.29	3.33	60.5	12.4	ND	ND	ND
Ethylbenzene	5.7	NV	NV	2.49	0.869	0.873 J	1.02	ND	ND	2.32	0.877	1.33	ND	ND	2.76	ND	ND	ND	ND	ND	ND	2.79	2.82	ND	ND	ND	ND	ND
Heptane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.09	ND	ND	ND	ND	ND	ND	2.49	2.7	ND
Isopropanol	250	NV	NV	11.9	3.52	3.39 J	6.02	20.5	4.99	11.3	3.17	5.60	32	3.83	32.4	2.65	6.83	9.88	578 R1	134	118	99.6	97.8	2.48	7.18	1720 R1	1730 R1	602
Methylene chloride	10	**10**	60	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.25	ND	ND	ND	ND	ND	ND	ND
n-Hexane	10.2	NV	NV	ND	0.888	0.962 J	1.34	ND	ND	ND	1.01	1.32	ND	ND	0.811	ND	ND	ND	0.754	ND	ND	1.26	1.32	ND	0.839	0.934	0.906	ND
o-Xylene	7.9	NV	NV	3.12	1.22	1.29 J	1.83	ND	ND	3.09	1.22	1.47	0.943	ND	2.86	ND	ND	0.947	0.951	ND	ND	3.14	3.24	ND	ND	ND	ND	ND
p/m-Xylene	22.2	NV	NV	9.56	3.36	3.33 J	4.34	ND	ND	9.38	3.32	4.18	2.21	ND	10.6	1.74	2.30	2.82	2.45	ND	ND	10.6	10.3	ND	2.39	ND	ND	ND
Tetrachloroethene*	15.9	**10**	30	0.753	0.651	0.387 J	0.427	ND	0.387	0.685	0.346	1.00	ND	0.332	0.332	0.488	ND	ND	ND	ND	ND	0.922	0.882	ND	0.156	ND	ND	ND
Tetrahydrofuran	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.27	15.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.62
Toluene	43	NV	NV	4.07	1.53	1.76 J	1.49	ND	ND	1.21	1.57	1.43	1.07	ND	1.16	1.38	1.41	1.58	0.946	ND	ND	4.26	5.8	1.30	1.15	1.23	1.21	1.59
trans-1,2-Dichloroethene	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.932	ND	ND	ND
Trichloroethene*	4.2	**1**	2	0.849	0.833	0.844 J	0.801	0.973	0.779	0.736	0.742	0.790	0.865	0.597	0.489	ND	ND	0.145	0.118	0.21	0.183	**1.34**	**1.37**	ND	0.478	0.161	0.161	0.441
Trichlorofluoromethane	18.1	NV	NV	1.33	1.25	1.29 J	1.19	1.33	1.35	1.3	1.29	1.15	1.33	1.24	1.12	1.27	1.15	ND	1.33	1.20	1.18	1.28	1.25	1.25	ND	1.24	1.28	1.19
Vinyl chloride*	<1.9	**0.2**	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

	Guidance Values - Indoor Air			IA-5							IA-6												OA-1					Guidance Values - Outdoor Air	
LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Matrix Value	NYSDOH Air Guideline Value	IA-5 Indoor Air	IA-5 (0219) Indoor Air	IA-5 (0219) Duplicate Indoor Air	IA-5 (0619) Indoor Air	IA-5 (0619) Duplicate Indoor Air	IA-5 (121219) Indoor Air	IA-5 (121120) Indoor Air	IA-5 (120221) Indoor Air	IA-5 (121922) Indoor Air	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	OA-1 Outdoor Air	OA-1 (121219) Outdoor Air	OA-1 (121120) Outdoor Air	OA-1 (120221) Outdoor Air	OA-1 (121922) Outdoor Air	Table C2 Outdoor Air Guidance Values	NYSDOH Air Guideline Value
SAMPLING DATE				12/18/2018	2/13/2019	2/13/2019	6/21/2019	6/21/2019	12/12/2019	12/11/2020	12/2/2021	12/19/2022	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	12/18/2018	12/19/2019	12/11/2020	12/2/2021	12/19/2022		
LAB SAMPLE ID				L1852191-01	L1905849-01	L1905849-02	L1927357-01	L1927357-02	L1959919-02	L2055692-01	L2166417-01	L2271489-06	L1852191-05	L1959919-05	L2007739-01	L2007739-02	L2055692-05	L2108109-01	L2108109-02	L2108109-01	L2108109-01	L2132969-01	L2166417-08	L2271489-07	L1852191-08	L1959919-01	L2055692-08	L2166417-05	L2271489-08		
Volatile Organics in Air (ug/m^3)																														
1,1,1-Trichloroethane*	20.6	**10**	NV	ND	ND	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-Dichloroethene	<1.4	**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	ND	ND	<1.4	NV
1,2,4-Trichlorobenzene*	<6.8	NV	NV	0.163	0.127	0.139	ND	ND	ND	ND	ND	ND	0.103	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	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.09	1.24	ND	ND	1.20	ND	ND	ND	ND	1.13	ND	ND	ND	ND	5.8	NV
1,2-Dichlorobenzene	<1.2	NV	NV	-	2.36	2.50	ND	ND	ND	ND	ND	ND	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	<1.2	NV
2,2,4-trimethylpentane	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.943	1.36	1.29	ND	ND	2.47	ND	ND	ND	ND	NV	NV
2-Butanone (Methyl Ethyl Ketone)	12	NV	NV	4.63	5.66	6.16	2.56	2.70	ND	ND	1.68	2.34	ND	1.62	ND	ND	ND	1.87	1.67	1.67	1.58	ND	ND	ND	ND	ND	ND	ND	11.3	NV
4-Methyl-2-pentanone (Methyl Isobutyl	6	NV	NV	19.8	4.51	4.39	5.12	5.16	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	NV	46.3	33.5 J	36.3 J	38 J	40.4 J	9.45	6.29 J	316	2590 R1	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	4.39	3.44	4.16 J	7.79	6.25	43.7	NV
Benzene	9.4	NV	NV	ND	ND	ND	ND	0.866	0.741	ND	0.872	0.789	ND	0.655	ND	ND	ND	1.12	1.13	1.30	1.25	ND	ND	1.73	ND	ND	ND	ND	ND	6.6	NV
Carbon disulfide	4.2	NV	NV	ND	ND	ND	0.673	0.704	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	**1**	NV	**2.31**	**1.09**	**1.05**	0.591	0.598	0.547	0.415	0.591	0.56	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	0.459	0.484	0.403	0.528	0.491	0.7	NV
Chloromethane	3.7	NV	NV	1.13	0.96	1.01	1.43	1.40	1.23	1.01	1.18	1.06	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	1.13	1.11	0.952	1.14	0.938	3.7	NV
cis-1,2-Dichloroethene*	<1.9	**1**	NV	0.163	0.127	0.139	ND	ND	ND	ND	0.266	ND	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	<1.8	NV
Cyclohexane	NV	NV	NV	ND	ND	ND	ND	1.03	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.688	1.16	1.13	ND	ND	1.57	ND	ND	ND	ND	ND	NV	NV
Dichlorodifluoromethane	16.5	NV	NV	1.61	2.44	2.49	2.69	2.53	2.63	1.93	2.49	2.77	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	1.39	2.55	1.89	2.68	2.41	8.1	NV
Ethanol	210	NV	NV	910	298	315	675	667	63.3	3,050	143	309	40.1	194	111	129	228	105	104	194	220	41.6	117 J	122	ND	ND	ND	13.8	ND	57	NV
Ethyl acetate	5.4	NV	NV	15.9	3.2	3.28 J	5.19	6.45	ND	12.8	ND	2.28	ND	2.01	ND	ND	ND	2.79	2.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.5	NV
Ethylbenzene	5.7	NV	NV	4.73	2	2.03	8.38	8.69	0.986	ND	ND	ND	ND	ND	5.52	5.86	ND	1.62	1.73	1.15	1.09	ND	ND	1.47	ND	ND	ND	ND	ND	3.5	NV
Heptane	NV	NV	NV	ND	ND	ND	ND	0.906	1.22	ND	ND	2.11	ND	ND	ND	ND	ND	0.971	1.08	2.45	2.28	ND	ND	2.84	ND	ND	ND	ND	ND	NV	NV
Isopropanol	250	NV	NV	873 R1	215	228	1230 R1	1170 R1	4.77	4.42	2370 R1	2930 R1	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	ND	ND	ND	6.64	3	16.5	NV
Methylene chloride	10	**10**	60	ND	ND	ND	ND	2.01	ND	ND	2.09	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.24	ND	6.1	60
n-Hexane	10.2	NV	NV	6.87	2.55	2.81	2.49	4.79	0.807	ND	1.66	0.821	ND	ND	ND	ND	0.733	3.30	3.41	5.08	4.79	ND	0.959 J	4.41	ND	ND	0.705	1.54	ND	6.4	NV
o-Xylene	7.9	NV	NV	5.56	2.4	2.44	12.2	12.2	1.20	ND	ND	ND	ND	ND	5.21	5.60	ND	2.08	2.30	1.49	1.45	ND	ND	1.75	ND	ND	ND	ND	ND	4.6	NV
p/m-Xylene	22.2	NV	NV	19	8.17	8.17	36.7	36.2	3.82	1.82	1.89	ND	ND	ND	18.0	19.3	ND	6.91	7.60	4.39	4.26	ND	ND	5.08	ND	ND	ND	ND	ND	12.8	NV
Styrene	1.9	NV	NV	0.932	ND	ND	2.18	2.76	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.3	NV
Tetrachloroethene*	15.9	**10**	30	1.3	0.353	0.319	0.203	0.292	0.271	0.183	ND	0.17	0.529	0.448	0.305	0.292	0.285	0.170	0.210	0.353	0.319	ND	ND	0.224	ND	ND	ND	ND	ND	6.5	30
Tetrahydrofuran	NV	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	4.84	ND	ND	ND	ND	ND	ND	ND	1.86	1.55	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Toluene	43	NV	NV	7.65	5.35	5.39	5.39	8.63	2.58	1.01	2.46	3.38	ND	1.82	1.17	1.06	1.25	3.72	4.07	6.93	6.59	1.01	1.26 J	8.37	ND	0.855	0.806	1.46	ND	33.7	NV
trans-1,2-Dichloroethene	NV	NV	NV	1.44	2.36	2.5	6.15	5.95	1.10	1.67	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NV	NV
Trichloroethene*	4.2	**1**	2	**9.46**	**4.54**	**4.58**	0.903	0.833	0.688	0.715	0.505	0.951	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**	ND	ND	ND	0.124	0.183	1.3	2
Trichlorofluoromethane	18.1	NV	NV	1.25	ND	ND	1.41	1.49	1.32	ND	1.35	1.21	1.26	1.31	ND	ND	1.14	ND	ND	1.15	ND	1.31	1.28 J	1.2	1.16	1.24	ND	1.34	1.16	4.3	NV
Vinyl chloride	<1.9	**0.2**	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	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 September 2013 and August 2015.
7. Grey shaded values represent exceedance of table C2 guidance values; yellow shaded values represents exceedance of NYSDOH Air Guideline Values; **BOLDED** = Exceedance of NYSDOH Matrix Guidelines.
8. Qualifiers: J = result is less than the reporting limit but greater or equal to the method detection limit and the concentration is an approximate value.
9. ND = Non Detect; NV = No Value; R1 = Analytical results are from sample re-analysis.
10. Red values represent updated values based on data validation.

Environmental Advantage

Table 3
2022 Soil Vapor Intrusion Investigation Analytical Testing Results
Pierce Arrow Business Center
155 Chandler Street, Buffalo, NY

LOCATION	Table C2 Commercial Indoor Air Background (90%)	NYSDOH Air Guideline Value	IA-7	IA-8	SS-7	IA-7	SS-9	IA-9	SS-10	IA-10	SS-8	IA-8	SS-11	IA-11	SS-12	IA-12	SS-13	IA-13	IA-14	IA-15	IA-16	OA-1	OA-2	RT-1	Table C2 Commercial Outdoor Air Background (90%)
SAMPLING DATE			12/2/2021	12/2/2021	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	3/29/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	6/14/2022	7/28/2022	7/28/2022	3/29/2022	6/14/2022	6/14/2022	
LAB SAMPLE ID			L2166417-06	L2166417-07	L2217738-07	L2217738-06	L2217738-02	L2217738-03	L2217738-04	L2217738-05	L2231846-10	L2231846-09	L2231846-03	L2231846-04	L2231846-05	L2231846-06	L2231846-07	L2231846-08	L2231846- 11	L2240518-01	L2240518-02	L2217738-01	L2231846-01	L2231846-02	
SAMPLE LOCATION			Post-Vent Installation		Cidery Storage Closet		Cidery Bar Seating Area		Cidery Stairwel/lEvent Area		Cidery Additional Seating		Cidery Event Area		ODL Basement Storage		ODL Reception Area		Elevator Shaft	Closed Room	Mezzanine	Courtyard	Chandler St.	Rooftop	
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 *	ND *	ND *	ND *	ND *	ND *	ND *	2.6
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	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	<1.6
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	<0.6
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 *	<1.4
1,2,4-Trichlorobenzene	<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	<6.4
1,2,4-Trimethylbenzene	9.5	NV	**1.07**	ND	**25.8**	ND	**27.9**	ND	**27.3**	ND	**38.4**	ND	**25.5**	ND	**47.8**	ND	**49.2** J	ND	**48.9**	ND	ND	ND	ND	ND	5.8
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	<1.6
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
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	<0.8
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	<1.6
1,3,5-Trimethylbenzene	3.7	NV	ND	ND	**6.34**	ND	**6.49**	ND	**6.93**	ND	**9.88**	ND	**6.78**	ND	ND	ND	**12.9** J	ND	**13**	**6.44**	ND	ND	ND	ND	2.7
1,3-Butadiene	<3.0	NV	ND	ND	ND	ND	ND	ND	**111**	ND	**20.8**	ND	**1.87**	ND	**31.9**	ND	ND	ND	ND	ND	ND	ND	ND	ND	<3.4
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
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	1.2
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	NV
2,2,4-Trimethylpentane	NV	NV	**1.44**	**1.47**	ND	ND	**1.59**	ND	ND	ND	ND	ND	**6.73**	ND	ND	ND	ND	ND	**8.69**	**10.6**	ND	ND	ND	ND	NV
2-Butanone	12	NV	ND	ND	**3.27**	**2.01**	**14.2**	ND	**23.2**	ND	**18.6**	ND	**11.1**	ND	ND	**1.97**	**6.28** J	**1.82**	**2.85**	**6.9**	**3.04**	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	ND	ND	ND	ND	ND	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	NV
4-Ethyltoluene	3.6	NV	ND	ND	**6.19**	ND	**7.57**	ND	**9.68**	ND	**9.59**	ND	**7.42**	ND	ND	ND	**12.5** J	ND	**13.8**	**5.65**	ND	ND	ND	ND	3.0
4-Methyl-2-pentanone	6.0	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**3.23**	ND	ND	ND	ND	ND	**4.34**	**9.02**	ND	ND	ND	ND	1.9
Acetone	98.9	NV	**152**	**123**	**4.37** J	**65.6** J	**13.7** J	**41.6** J	**92.6** J	**88.8** J	**347**	**13.8**	**77.4**	**14.5**	ND	**30.4**	**107** J	**1750 R1**	**112**	**37.3**	**26.6**	**3.52** J	**7.98**	**6.51**	43.7
Benzene	9.4	NV	**1.34**	**1.41**	**8.31**	ND	**5.43**	**0.639**	**133**	**0.684**	**47.6**	ND	**16.9**	ND	**78.3**	ND	**20.5** J	ND	**16.8**	**20.7**	ND	ND	ND	ND	6.6
Benzyl chloride	<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	<6.4
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	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	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	<1.6
Carbon disulfide	4.2	NV	ND	ND	ND	ND	**3.18**	ND	**135**	ND	**21.5**	ND	**2.03**	ND	195	ND	**28.8** J	ND	**0.9**	**2.29**	ND	ND	ND	ND	3.7
Carbon tetrachloride*	<1.3	NV	**1.01** *	**0.9** *	**3.12**	**3.96** *	**8.87**	**8.05** *	**4.3**	**5.13** *	**5.64**	**0.453** *	**2.47**	**0.371** *	**45700 R1**	**0.459** *	ND	**0.447** *	**0.428** *	**0.566** *	**0.421** *	**0.566** *	**0.447** *	**0.390** *	0.7
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	<0.8
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	<1.2
Chloroform	1.1	NV	ND	ND	ND	**1.41**	**3.28**	**2.94**	**2.36**	**1.82**	ND	ND	**10.5**	ND	**7620**	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.6
Chloromethane	3.7	NV	**1.32**	**1.24**	ND	**1.24**	ND	**1.21**	**4.44**	**1.23**	**1.21**	**1.19**	**0.543**	**1.14**	ND	**1.16**	ND	**1.14**	**1.11**	**1.05**	**1.29**	**1.11**	**1.08**	**1.1**	3.7
cis-1,2-Dichloroethene*	<1.9	NV	**0.412** *	**0.369** *	ND	**0.369** *	ND	**0.389** *	ND	**0.48** *	ND	ND *	**1.33**	ND *	ND	ND *	ND	ND *	ND *	ND *	ND *	ND *	ND *	ND *	<1.8
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	<2.2
Cyclohexane	NV	NV	**1.48**	**1.57**	**8.67**	ND	**5.68**	ND	**235**	ND	**276**	ND	**90.9**	ND	**121**	ND	**399** J	ND	**10.4**	**11.6**	ND	ND	ND	ND	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	NV
Dichlorodifluoromethane	16.5	NV	**2.64**	**2.71**	**2.57**	**2.69**	**2.73**	**2.69**	**2.6**	**2.7**	**4.65**	**2.54**	**2.36**	**2.52**	ND	**2.94**	**2.45** J	**2.41**	**2.43**	**2.61**	**2.4**	**2.55**	**2.47**	**2.57**	8.1
Ethanol	210	NV	**874**	**820**	ND	**232**	**14.8**	**209**	**33.9**	**144**	**77.6**	**53.9**	**38.8**	**56**	ND	**72.9**	**124** J	**186**	**70.5**	**89.1**	**152**	ND	**24.7**	**20.2**	57
Ethyl Acetate	5.4	NV	**3.03**	**2.63**	**2.24**	ND	ND	ND	ND	**1.99**	**12.5**	**1.87**	ND	**2.46**	ND	**4.61**	ND	**3.31**	**1.82**	**2.18**	**2.27**	ND	ND	ND	1.5
Ethylbenzene	5.7	NV	**1.26**	**1.15**	**16.5**	ND	**16.5**	ND	**42.6**	ND	**33.4**	ND	**26.5**	ND	**32**	ND	**52.6** J	ND	**39.3**	**15.7**	ND	ND	ND	ND	3.5
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	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	NV
Heptane	NV	NV	**5**	**2.73**	**14.3**	ND	**13.1**	**1.13**	**447**	ND	**286**	ND	**59**	ND	**161**	**0.963**	**264** J	**1.8**	**31.3**	**29.6**	ND	ND	ND	ND	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	<6.4
Isopropanol	250	NV	**902** R1	**733** R1	**3.74**	**371**	**8.06**	**237**	**16.8**	**543**	**10.1**	**18.5**	**9.07**	**13.4**	ND	**66.6**	**39.3** J	**1490 R1**	**127**	**16.2**	**116**	**3.79**	**6.69**	**4.82**	16.5
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	6.2
Methylene chloride	10	60	**3.72**	ND	ND	ND	**1.99**	ND	ND	ND	ND	ND	ND	ND	ND	**2.34**	ND	ND	ND	ND	ND	ND	**3.39**	ND	6.1
n-Hexane	10.2	NV	**5.64**	**5.85**	**32.6**	ND	**26.6**	ND	**465**	ND	**441**	**2.18**	**147**	**1.86**	**285**	**2.71**	**356** J	**1.43**	**116**	**148**	**1.03**	ND	**2.03**	**1.28**	6.4
o-Xylene	7.9	NV	**1.73**	**1.6**	**25.4**	ND	**26.1**	**1.02**	**44.3**	ND	**46**	ND	**36**	ND	**45.6**	ND	**69.9** J	**1.37**	**55.6**	**23.9**	ND	ND	ND	ND	4.6
p/m-Xylene	22.2	NV	**5.04**	**4.6**	**79.9**	ND	**79.5**	**1.98**	**175**	ND	**143**	ND	**112**	ND	**145**	ND	**214** J	**3.54**	**170**	**63**	ND	ND	ND	ND	12.8
Styrene	1.9	NV	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**2.14**	ND	ND	**1.14**	ND	ND	ND	ND	ND	1.3
Tertiary butyl Alcohol	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	**19.5**	ND	**2.32**	ND	ND	ND	ND	ND	**1.64**	ND	ND	ND	ND	ND	NV
Tetrachloroethene*	15.9	30	ND *	ND *	ND	**0.373** *	**1.45**	**0.61** *	ND	**0.305** *	**355**	**55.9** *	ND	**147** *	ND	**34.6** *	ND	**0.149** *	**0.712** *	**0.339** *	**0.244** *	ND *	ND *	**0.136** *	6.5
Tetrahydrofuran	NV	NV	ND	ND	ND	ND	**8.49**	ND	ND	ND	**10.4**	**1.53**	ND	**2.93**	ND	**5.93**	**3.19** J	**1.83**	**1.55**	**3.95**	**1.76**	ND	ND	**1.62**	NV
Toluene	43	NV	**10.8**	**7.5**	**86.3**	**1.56**	**78**	**1.38**	**324**	**1.09**	**234**	**2.51**	**170**	**3.05**	**291**	**7.91**	**206** J	**10.2**	**225**	**132**	**1.44**	ND	**6.44**	**1.2**	33.7
trans-1,2-Dichloroethene	NV	NV	ND	ND	ND	ND	ND	ND	ND	ND	**23.5**	ND	ND	ND	ND	ND	ND	**0.952**	ND	ND	ND	ND	ND	ND	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	<1.4
Trichloroethene*	4.2	2	**17.5** *	**18** *	**8.92**	**24.1** *	**7.09**	**25.5** *	**23.4**	**39.2** *	ND	ND *	**485**	ND *	**5800**	**0.989** *	**16.2** J	**0.247** *	**0.140** *	**2.09** *	**0.145** *	ND *	ND *	**0.15** *	1.3
Trichlorofluoromethane	18.1	NV	**1.44**	**1.37**	**1.52**	**1.31**	**1.57**	**1.38**	ND	**1.3**	**5.6**	**1.15**	ND	ND	ND	**1.28**	ND	ND	ND	ND	ND	**1.18**	ND	ND	4.3
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	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 *	<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.
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 September 2013 and August 2015.
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; 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; the target analyte concentration is below the quantitation (RL), but the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analysis. This represents an estimated concentration for Tentatively Identified Compounds (TICs).
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.

Environmental Advantage

Table 4
2022 Soil Vapor Intrusion Investigation Decision Matrices
155 Chandler Street, Buffalo, NY

Sample ID	Parameter	Sub-slab Vapor Concentrations (ug/m^3)	Indoor Air Concentration (ug/m^3)	Recommended Action
Matrix A Trichloroethene (TCE); cis-1,2-dichloroethene (cis-DCE); 1,1-dichloroethene (1,1-DCE); Carbon Tetrachloride				
SS-7/IA-7 (032922)	TCE	8.92	24.1	Mitigate
	cis-DCE	ND	0.369	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	3.12	3.96	Identify Source(s) and Resample or Mitigate
SS-9/IA-9 (032922)	TCE	7.09	25.5	Mitigate
	cis-DCE	ND	0.389	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	8.87	8.05	Mitigate
SS-10/IA-10 (032922)	TCE	23.4	39.2	Mitigate
	cis-DCE	ND	0.48	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	4.3	5.13	Identify Source(s) and Resample or Mitigate
SS-8/IA-8 (061422)	TCE	ND	ND	No further action
	cis-DCE	ND	ND	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	5.64	0.453	No further action
SS-11/IA-11 (061422)	TCE	485	ND	Possible action needed**
	cis-DCE	1.33	ND	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	2.47	0.371	No further action
SS-12/IA-12 (061422)	TCE	5800	0.989	Mitigate
	cis-DCE	ND	ND	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	45700	0.459	Mitigate
SS-13/IA-13 (061422)	TCE	16.2 J	0.247	Monitor
	cis-DCE	ND	ND	No further action
	1,1-DCE	ND	ND	No further action
	Carbon Tetrachloride	ND	0.447	No further action
Matrix B Methylene Chloride (MC); 1,1,1- Trichloroethane (1,1,1-TCA); Tetrachloroethylene (PCE)				
SS-7/IA-7 (032922)	MC	ND	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	ND	0.373	No further action
SS-9/IA-9 (032922)	MC	1.99	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	1.45	0.610	No further action
SS-10/IA-10 (032922)	MC	ND	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	ND	0.305	No further action
SS-8/IA-8 (061422)	MC	ND	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	355	55.9	Mitigate
SS-11/IA-11 (061422)	MC	ND	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	ND	147	Possible action needed***
SS-12/IA-12 (061422)	MC	ND	2.34	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	ND	34.6	Possible action needed***
SS-13/IA-13 (061422)	MC	ND	ND	No further action
	1,1,1-TCA	ND	ND	No further action
	PCE	ND	0.149	No further action
Matrix C Vinyl Chloride (VC)				
SS-7/IA-7 (032922)	VC	ND	ND	No further action
SS-9/IA-9 (032922)	VC	ND	ND	No further action
SS-10/IA-10 (032922)	VC	ND	ND	No further action
SS-8/IA-8 (061422)	VC	ND	ND	No further action
SS-11/IA-11 (061422)	VC	ND	ND	No further action
SS-12/IA-12 (061422)	VC	ND	ND	No further action
SS-13/IA-13 (061422)	VC	ND	ND	No further action

1. Table used by Schenne & Associates Engineers & Geologists with permission from Environmental Advantage, Inc.
2. Compounds included on NYSDOH Air Matricies included in this table. For a list of all compounds, refer to analytical reports.
3. Analytical testing for VOCs via TO-15 completed by Alpha Analytical.
4. Results present in ug/m^3 or microgram per cubic meter.
5. Samples were collected during an 8-hour sample duration.
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.
7. Yellow shaed values represent continued Monitoring recommended; green shaded values represent Resampling to identify source Mitigation recommended; orange shaded values represent Mitigation recommended; blue shaded values represent possible action needed.
8. ND = Non Detect
9. ** = Due to elevated sub-slab concentrations for TCE in SS-11(061422), mitigation may be needed if a detectable indoor concentration is recorded in the future.
10. *** = Although sub-slab concentrations for PCE are non-detect in SS-11(061422) and SS-12(061422), identification of source(s) and resample or mitigate may be needed if a detectable sub-slab concentration is recorded in the future. Indoor air concentrations exceed the NYSDOH AGV for PCE.

APPENDIX D

LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L2271489
Client:	Environmental Advantage, Inc. 3636 North Buffalo Road Orchard Park, NY 14127
ATTN:	Mark Hanna
Phone:	(716) 667-3130
Project Name:	CY2022 SMP INDOOR AIR SAMPLING
Project Number:	01101
Report Date:	01/04/23

Certifications & Approvals: MA (M-MA030), NH NELAP (2062), CT (PH-0141), DoD (L2474), FL (E87814), IL (200081), LA (85084), ME (MA00030), MD (350), NJ (MA015), NY (11627), NC (685), OH (CL106), PA (68-02089), RI (LAO00299), TX (T104704419), VT (VT-0015), VA (460194), WA (C954), US Army Corps of Engineers, USDA (Permit #P330-17-00150), USFWS (Permit #206964).

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2271489-01	IA-1 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:10	12/20/22
L2271489-02	IA-2 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:20	12/20/22
L2271489-03	IA-3 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:30	12/20/22
L2271489-04	IA-3 (121922) DUPLICATE	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:30	12/20/22
L2271489-05	IA-4 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:45	12/20/22
L2271489-06	IA-5 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:17	12/20/22
L2271489-07	IA-6 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:06	12/20/22
L2271489-08	OA-1 (121922)	AIR	155 CHANDLER ST. BUFFALO, NY	12/19/22 16:15	12/20/22

Project Name:	CY2022 SMP INDOOR AIR SAMPLING	**Lab Number:**	L2271489
Project Number:	01101	**Report Date:**	01/04/23

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:	CY2022 SMP INDOOR AIR SAMPLING	**Lab Number:**	L2271489
Project Number:	01101	**Report Date:**	01/04/23

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 6, 2022. The canister certification results are provided as an addendum.

L2271489-06: 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.

L2271489-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 01/04/23

AIR

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-01
Client ID: IA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:10
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 17:50
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.503	0.200	--	2.49	0.989	--		1
Chloromethane	0.461	0.200	--	0.952	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	17.2	5.00	--	32.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	4.10	1.00	--	9.74	2.38	--		1
Trichlorofluoromethane	0.241	0.200	--	1.35	1.12	--		1
Isopropanol	2.03	0.500	--	4.99	1.23	--		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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-01
Client ID: IA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:10
Date Received: 12/20/22
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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-01
Client ID: IA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:10
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-01
Client ID: IA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:10
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 17:50
Analyst: TJS

	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	0.106	0.020	--	0.667	0.126	--		1
Trichloroethene	0.145	0.020	--	0.779	0.107	--		1
Tetrachloroethene	0.057	0.020	--	0.387	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-02
Client ID: IA-2 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:20
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 18:31
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.515	0.200	--	2.55	0.989	--		1
Chloromethane	0.513	0.200	--	1.06	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	15.5	5.00	--	29.2	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	8.52	1.00	--	20.2	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	1.56	0.500	--	3.83	1.23	--		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	1.90	0.200	--	5.92	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	1.37	0.500	--	4.04	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	5.32	0.500	--	15.7	1.47	--		1

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-02
Client ID: IA-2 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:20
Date Received: 12/20/22
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	0.217	0.200	--	0.782	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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-02
Client ID: IA-2 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:20
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	93		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-02
Client ID: IA-2 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:20
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 18:31
Analyst: TJS

	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	0.097	0.020	--	0.610	0.126	--		1
Trichloroethene	0.111	0.020	--	0.597	0.107	--		1
Tetrachloroethene	0.049	0.020	--	0.332	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	93		60-140
bromochloromethane	95		60-140
chlorobenzene-d5	94		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-03
Client ID: IA-3 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 19:12
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.499	0.200	--	2.47	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	323	5.00	--	609	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	74.0	1.00	--	176	2.38	--		1
Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--		1
Isopropanol	54.6	0.500	--	134	1.23	--		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	0.577	0.200	--	1.80	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	13.8	0.500	--	49.7	1.80	--		1
Chloroform	0.785	0.200	--	3.83	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-03
Client ID: IA-3 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-03
Client ID: IA-3 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	99		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-03
Client ID: IA-3 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 19:12
Analyst: TJS

	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	0.094	0.020	--	0.591	0.126	--		1
Trichloroethene	0.039	0.020	--	0.210	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-04
Client ID: IA-3 (121922) DUPLICATE
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 20:34
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.491	0.200	--	2.43	0.989	--		1
Chloromethane	0.494	0.200	--	1.02	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	262	5.00	--	494	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	68.4	1.00	--	162	2.38	--		1
Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--		1
Isopropanol	48.2	0.500	--	118	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	0.936	0.500	--	3.25	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.490	0.200	--	1.53	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	11.2	0.500	--	40.4	1.80	--		1
Chloroform	0.713	0.200	--	3.48	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-04
Client ID: IA-3 (121922) DUPLICATE
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-04
Client ID: IA-3 (121922) DUPLICATE
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	98		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-04
Client ID: IA-3 (121922) DUPLICATE
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:30
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 20:34
Analyst: TJS

	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	97		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-05
Client ID: IA-4 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:45
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 21:15
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.490	0.200	--	2.42	0.989	--		1
Chloromethane	0.483	0.200	--	0.997	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	66.3	5.00	--	125	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	369	1.00	--	877	2.38	--		1
Trichlorofluoromethane	0.211	0.200	--	1.19	1.12	--		1
Isopropanol	245	0.500	--	602	1.23	--		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	0.548	0.500	--	1.62	1.47	--		1

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-05
Client ID: IA-4 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:45
Date Received: 12/20/22
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	0.421	0.200	--	1.59	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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-05
Client ID: IA-4 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:45
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-05
Client ID: IA-4 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:45
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 21:15
Analyst: TJS

	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	0.082	0.020	--	0.441	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-06
Client ID: IA-5 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:17
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 21:56
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.560	0.200	--	2.77	0.989	--		1
Chloromethane	0.511	0.200	--	1.06	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	164	5.00	--	309	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	799	1.00	--	1900	2.38	--	E	1
Trichlorofluoromethane	0.216	0.200	--	1.21	1.12	--		1
Isopropanol	968	0.500	--	2380	1.23	--	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	0.793	0.500	--	2.34	1.47	--		1
Ethyl Acetate	0.634	0.500	--	2.28	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	1.64	0.500	--	4.84	1.47	--		1

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-06
Client ID: IA-5 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:17
Date Received: 12/20/22
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	0.233	0.200	--	0.821	0.705	--		1
Benzene	0.247	0.200	--	0.789	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	0.274	0.200	--	1.12	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	0.898	0.200	--	3.38	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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-06
Client ID: IA-5 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:17
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	97		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-06
Client ID: IA-5 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:17
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 21:56
Analyst: TJS

	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	0.089	0.020	--	0.560	0.126	--		1
Trichloroethene	0.177	0.020	--	0.951	0.107	--		1
Tetrachloroethene	0.025	0.020	--	0.170	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	96		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-06 D
Client ID: IA-5 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:17
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/04/23 06:45
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Acetone	1090	10.0	--	2590	23.8	--		10
Isopropanol	1190	5.00	--	2930	12.3	--		10

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	94		60-140
Bromochloromethane	95		60-140
chlorobenzene-d5	92		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-07
Client ID: IA-6 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:06
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 22:37
Analyst: TJS

	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	0.716	0.200	--	1.48	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	64.8	5.00	--	122	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	23.0	1.00	--	54.6	2.38	--		1
Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--		1
Isopropanol	23.2	0.500	--	57.0	1.23	--		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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-07
Client ID: IA-6 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:06
Date Received: 12/20/22
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	1.25	0.200	--	4.41	0.705	--		1
Benzene	0.540	0.200	--	1.73	0.639	--		1
Cyclohexane	0.456	0.200	--	1.57	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	0.529	0.200	--	2.47	0.934	--		1
Heptane	0.692	0.200	--	2.84	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	2.22	0.200	--	8.37	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	0.338	0.200	--	1.47	0.869	--		1
p/m-Xylene	1.17	0.400	--	5.08	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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-07
Client ID: IA-6 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:06
Date Received: 12/20/22
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	0.230	0.200	--	1.13	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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-07
Client ID: IA-6 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:06
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 22:37
Analyst: TJS

	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	0.042	0.020	--	0.167	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.121	0.020	--	0.761	0.126	--		1
Trichloroethene	0.764	0.020	--	4.11	0.107	--		1
Tetrachloroethene	0.033	0.020	--	0.224	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	94		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	96		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-08
Client ID: OA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:15
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 01/03/23 23:18
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.487	0.200	--	2.41	0.989	--		1
Chloromethane	0.454	0.200	--	0.938	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	2.63	1.00	--	6.25	2.38	--		1
Trichlorofluoromethane	0.207	0.200	--	1.16	1.12	--		1
Isopropanol	1.22	0.500	--	3.00	1.23	--		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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-08
Client ID: OA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:15
Date Received: 12/20/22
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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-08
Client ID: OA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:15
Date Received: 12/20/22
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

SAMPLE RESULTS

Lab ID: L2271489-08
Client ID: OA-1 (121922)
Sample Location: 155 CHANDLER ST. BUFFALO, NY

Date Collected: 12/19/22 16:15
Date Received: 12/20/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 23:18
Analyst: TJS

	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	0.078	0.020	--	0.491	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	94		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 01/03/23 16:34

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): 01-08 Batch: WG1729581-4								
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: CY2022 SMP INDOOR AIR SAMPLING **Lab Number:** L2271489

Project Number: 01101 **Report Date:** 01/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/03/23 15:54

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): 01-08 Batch: WG1729583-4								
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: CY2022 SMP INDOOR AIR SAMPLING **Lab Number:** L2271489

Project Number: 01101 **Report Date:** 01/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/03/23 15:54

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): 01-08 Batch: WG1729583-4								
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: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101
Lab Number: L2271489
Report Date: 01/04/23

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 01/03/23 15:54

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): 01-08 Batch: WG1729583-4								
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
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Lab Control Sample Analysis

Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING

Project Number: 01101

Lab Number: L2271489

Report Date: 01/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01-08 Batch: WG1729581-3								
Vinyl chloride	83		-		70-130	-		25
1,1-Dichloroethene	93		-		70-130	-		25
cis-1,2-Dichloroethene	92		-		70-130	-		25
1,1,1-Trichloroethane	106		-		70-130	-		25
Carbon tetrachloride	106		-		70-130	-		25
Trichloroethene	90		-		70-130	-		25
Tetrachloroethene	82		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING

Project Number: 01101

Lab Number: L2271489

Report Date: 01/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1729583-3								
Dichlorodifluoromethane	99		-		70-130	-		
Chloromethane	89		-		70-130	-		
Freon-114	90		-		70-130	-		
Vinyl chloride	87		-		70-130	-		
1,3-Butadiene	88		-		70-130	-		
Bromomethane	93		-		70-130	-		
Chloroethane	87		-		70-130	-		
Ethanol	80		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	99		-		40-160	-		
Trichlorofluoromethane	99		-		70-130	-		
Isopropanol	98		-		40-160	-		
1,1-Dichloroethene	96		-		70-130	-		
Tertiary butyl Alcohol	96		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	99		-		70-130	-		
Carbon disulfide	89		-		70-130	-		
Freon-113	98		-		70-130	-		
trans-1,2-Dichloroethene	91		-		70-130	-		
1,1-Dichloroethane	94		-		70-130	-		
Methyl tert butyl ether	96		-		70-130	-		
2-Butanone	101		-		70-130	-		
cis-1,2-Dichloroethene	95		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING

Project Number: 01101

Lab Number: L2271489

Report Date: 01/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1729583-3								
Ethyl Acetate	106		-		70-130	-		
Chloroform	100		-		70-130	-		
Tetrahydrofuran	98		-		70-130	-		
1,2-Dichloroethane	101		-		70-130	-		
n-Hexane	94		-		70-130	-		
1,1,1-Trichloroethane	110		-		70-130	-		
Benzene	90		-		70-130	-		
Carbon tetrachloride	111		-		70-130	-		
Cyclohexane	92		-		70-130	-		
1,2-Dichloropropane	99		-		70-130	-		
Bromodichloromethane	109		-		70-130	-		
1,4-Dioxane	112		-		70-130	-		
Trichloroethene	94		-		70-130	-		
2,2,4-Trimethylpentane	96		-		70-130	-		
Heptane	107		-		70-130	-		
cis-1,3-Dichloropropene	104		-		70-130	-		
4-Methyl-2-pentanone	113		-		70-130	-		
trans-1,3-Dichloropropene	94		-		70-130	-		
1,1,2-Trichloroethane	102		-		70-130	-		
Toluene	85		-		70-130	-		
2-Hexanone	101		-		70-130	-		
Dibromochloromethane	97		-		70-130	-		
1,2-Dibromoethane	92		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING

Project Number: 01101

Lab Number: L2271489

Report Date: 01/04/23

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 Batch: WG1729583-3								
Tetrachloroethene	86		-		70-130	-		
Chlorobenzene	88		-		70-130	-		
Ethylbenzene	92		-		70-130	-		
p/m-Xylene	93		-		70-130	-		
Bromoform	99		-		70-130	-		
Styrene	86		-		70-130	-		
1,1,2,2-Tetrachloroethane	97		-		70-130	-		
o-Xylene	95		-		70-130	-		
4-Ethyltoluene	89		-		70-130	-		
1,3,5-Trimethylbenzene	88		-		70-130	-		
1,2,4-Trimethylbenzene	92		-		70-130	-		
Benzyl chloride	102		-		70-130	-		
1,3-Dichlorobenzene	88		-		70-130	-		
1,4-Dichlorobenzene	86		-		70-130	-		
1,2-Dichlorobenzene	90		-		70-130	-		
1,2,4-Trichlorobenzene	96		-		70-130	-		
Hexachlorobutadiene	92		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab (121922) Associated sample(s): 01-08 QC Batch ID: WG1729581-5 QC Sample: L2271489-03 Client ID: IA-3						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.094	0.095	ppbV	1		25
Trichloroethene	0.039	0.036	ppbV	8		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1729583-5 QC Sample: L2271489-03 Client ID: IA-3 (121922)						
Dichlorodifluoromethane	0.499	0.497	ppbV	0		25
Chloromethane	0.487	0.490	ppbV	1		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	323	348	ppbV	7		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	74.0	74.9	ppbV	1		25
Trichlorofluoromethane	0.213	0.207	ppbV	3		25
Isopropanol	54.6	54.9	ppbV	1		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	0.577	0.582	ppbV	1		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	ND	ND	ppbV	NC		25
Ethyl Acetate	13.8	13.8	ppbV	0		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1729583-5 QC Sample: L2271489-03 Client ID: IA-3 (121922)						
Chloroform	0.785	0.797	ppbV	2		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	ND	ND	ppbV	NC		25
Benzene	ND	ND	ppbV	NC		25
Cyclohexane	ND	ND	ppbV	NC		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	ND	ND	ppbV	NC		25
Heptane	ND	ND	ppbV	NC		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	ND	ND	ppbV	NC		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	ND	ND	ppbV	NC		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1729583-5 QC Sample: L2271489-03 Client ID: IA-3 (121922)						
p/m-Xylene	ND	ND	ppbV	NC		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	ND	ND	ppbV	NC		25
4-Ethyltoluene	ND	ND	ppbV	NC		25
1,3,5-Trimethylbenzene	ND	ND	ppbV	NC		25
1,2,4-Trimethylbenzene	ND	ND	ppbV	NC		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Project Name: CY2022 SMP INDOOR AIR SAMPLING **Lab Number:** L2271489

Project Number: 01101 **Report Date:** 01/04/23

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
L2271489-01	IA-1 (121922)	0813	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.2	7
L2271489-01	IA-1 (121922)	384	2.7L Can	12/06/22	407489	L2267201-06	Pass	-30.4	-7.6	-	-	-	-
L2271489-02	IA-2 (121922)	01418	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.7	4
L2271489-02	IA-2 (121922)	3422	2.7L can	12/06/22	407489	L2267201-06	Pass	-30.4	-7.7	-	-	-	-
L2271489-03	IA-3 (121922)	0388	Flow 2	12/19/22	408935		-	-	-	Pass	144	5.8	185
L2271489-03	IA-3 (121922)	3101	2.7L Can	12/06/22	407489	L2267201-06	Pass	-30.4	-2.0	-	-	-	-
L2271489-04	IA-3 (121922) DUPLICATE	01504	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.1	9
L2271489-04	IA-3 (121922) DUPLICATE	2304	2.7L Can	12/06/22	407489	L2267201-07	Pass	-30.4	-7.2	-	-	-	-
L2271489-05	IA-4 (121922)	01687	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.5	0
L2271489-05	IA-4 (121922)	3406	2.7L Can	12/06/22	407489	L2267201-06	Pass	-30.4	-4.6	-	-	-	-
L2271489-06	IA-5 (121922)	02275	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.6	2
L2271489-06	IA-5 (121922)	550	2.7L Can	12/06/22	407489	L2267201-06	Pass	-30.3	-3.9	-	-	-	-
L2271489-07	IA-6 (121922)	02232	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.5	0
L2271489-07	IA-6 (121922)	180	2.7L Can	12/06/22	407489	L2267201-06	Pass	-30.4	-6.9	-	-	-	-
L2271489-08	OA-1 (121922)	0964	Flow 5	12/06/22	407489		-	-	-	Pass	4.5	4.1	9

Project Name: CY2022 SMP INDOOR AIR SAMPLING

Lab Number: L2271489

Project Number: 01101

Report Date: 01/04/23

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
L2271489-08	OA-1 (121922)	2023	2.7L Can	12/06/22	407489	L2267201-07	Pass	-30.4	-4.9	-	-	-	-

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

Lab Number: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/02/22 00:31
Analyst: TJS

	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	0.500	--	ND	1.23	--		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 **Lab Number:** L2267201

Project Number: CANISTER QC BAT **Report Date:** 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	96		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

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

Lab Number: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/02/22 00:31
Analyst: TJS

	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 **Lab Number:** L2267201

Project Number: CANISTER QC BAT **Report Date:** 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-06
Client ID: CAN 3232 SHELF 8
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 12/02/22 01:09
Analyst: TJS

	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	0.500	--	ND	1.23	--		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 **Lab Number:** L2267201

Project Number: CANISTER QC BAT **Report Date:** 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	95		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 12/02/22 01:09
Analyst: TJS

	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 **Lab Number:** L2267201

Project Number: CANISTER QC BAT **Report Date:** 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	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: L2267201
Report Date: 01/04/23

Air Canister Certification Results

Lab ID: L2267201-07
Client ID: CAN 526 SHELF 9
Sample Location:

Date Collected: 12/01/22 10:00
Date Received: 12/01/22
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	97		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: CY2022 SMP INDOOR AIR SAMPLING
Project Number: 01101

Lab Number: L2271489
Report Date: 01/04/23

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
N/A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2271489-01A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2271489-02A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2271489-03A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2271489-04A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2271489-05A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2271489-06A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2271489-07A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2271489-08A	Canister - 2.7 Liter	N/A	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	CY2022 SMP INDOOR AIR SAMPLING	**Lab Number:**	L2271489
Project Number:	01101	**Report Date:**	01/04/23

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:	CY2022 SMP INDOOR AIR SAMPLING	**Lab Number:**	L2271489
Project Number:	01101	**Report Date:**	01/04/23

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:	CY2022 SMP INDOOR AIR SAMPLING	**Lab Number:**	L2271489
Project Number:	01101	**Report Date:**	01/04/23

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 624/624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625/625.1: alpha-Terpineol
EPA 8260C/8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene, Azobenzene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270D/8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility
SM 2540D: TSS
EPA 8082A: NPW: PCB: 1, 5, 31, 87,101, 110, 141, 151, 153, 180, 183, 187.
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.
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 332: Perchlorate; **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), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9221E, 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.

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: 12/21/22

ALPHA Job #: L2271489

Client Information

Client: ENV. 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: CY2022 SMP INDOOR AIR SAMPLING
Project Location: 155 CHANDLER ST BUFFALO NY
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)
mszustak@envadvantage.com
jkryszak@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	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
71489-01	IA-1(121922)	12/19/22	0810	1610	-29.47	-7.34	AA	JK	2.7L	384	0813	X					AMBIENT AIR w/
-02	IA-2(121922)		0820	1620	-29.68	-7.74		JK		3422	01418	X					PID 0.0ppm FOR
-03	IA-3(121922)		0830	1630	-29.63	-2.03		JK		3101	0388	X					ALL SAMPLES
-04	IA-3(121922) DUPLICATE		0830	1630	-29.69	-7.25		JK		2304	01687	X					
-05	IA-4(121922)		0845	1645	-29.74	-5.38		JK		3406	01504	X					
-06	IA-5(121922)		0817	1617	-28.33	-3.91		JK		550	02275	X					
-07	IA-6(121922)		0800	1606	-29.64	-7.81		JK		180	02232	X					
-08	~~DUP~~ OA-1(121922)		0815	1615	-29.96	-6.79		JK		2023	0464	X					

ANALYSIS

*SAMPLE MATRIX CODES

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

Container Type: CS

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:
[signature] AAL	12/20/22 935	[signature] AAL	12/20/22 935
[signature]	12/20/22 1500	[signature]	12/21/22 0030
[signature]	12/21/22 0730	[signature]	12/21/22 0730
[signature]	12/21/22 0830	[signature] AAL	12/21/22 06:30

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

APPENDIX E

WELL DECOMMISSIONING DOCUMENTS

FIGURE 3

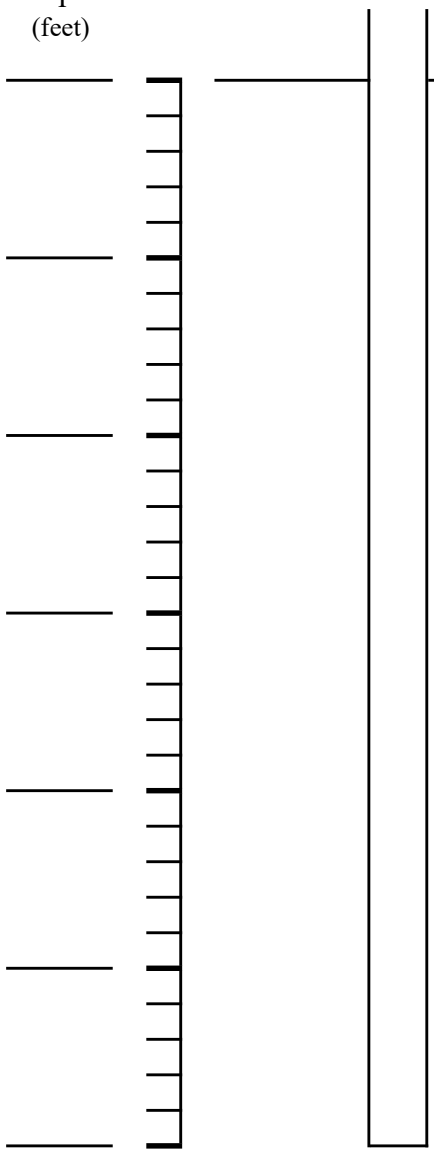
WELL DECOMMISSIONING RECORD

Site Name: Pierce Arrow Business Center - BCP Site C915312	Well I.D.: SB 126 / MW-3
Site Location: 155 Chandler Street	Driller: Steven L. Marchetti
Drilling Co.: Matrix Environmental Technologies	Inspector: Jason Kryszak
	Date: 10/13/2022

DECOMMISSIONING DATA
(Fill in all that apply)

OVERDRILLING	
Interval Drilled	N/A
Drilling Method(s)	N/A
Borehole Dia. (in.)	N/A
Temporary Casing Installed? (y/n)	N/A
Depth temporary casing installed	N/A
Casing type/dia. (in.)	N/A
Method of installing	N/A
CASING PULLING	
Method employed	N/A
Casing retrieved (feet)	N/A
Casing type/dia. (in)	N/A
CASING PERFORATING	
Equipment used	N/A
Number of perforations/foot	N/A
Size of perforations	N/A
Interval perforated	N/A
GROUTING	
Interval grouted (FBLS)	20.0 - 0.5
# of batches prepared	1
For each batch record:	
Quantity of water used (gal.)	2.0
Quantity of cement used (lbs.)	23.5
Cement type	Portland I
Quantity of bentonite used (lbs.)	1.0
Quantity of calcium chloride used (lbs.)	0
Volume of grout prepared (gal.)	4.0
Volume of grout used (gal.)	4.0

WELL SCHEMATIC*



COMMENTS:

Well riser broken off approximately 2.0 feet below grade, tremie grouted in accordance to CP-43 to 0.5 feet below grade. Surface repaired with asphalt patch upon completion.

See the attached well diagram log for well schematic information.

* Sketch in all relevant decommissioning data, including: interval overdrilled, interval grouted, casing left in hole, well stickup, etc.

Drilling Contractor

Department Representative

Hazard Evaluations, Inc.

Hole No.: SB 126/MW-3
Sheet 1 of 1

Date started: 7/13/17
Date Finished: 7/13/17

Client: R& M Leasing

Location: 155-157 Chandler Street

Method of Investigation: Advance 3.25" hollow-stem tubes to depth of boring. Set 2-inch well at total depth of boring.

Project No.: e1601
Project Manager: Eric Betzold

Drilling Co.: Trec Environmental
Driller: Jim and Eric
Drill Rig: Geoprobe

Weather:

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows/6"	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4	N/A: Well Completed with Geoprobe drill rig	Cement/Bentonite mix (0-2')			
4	2	4-8		2" sch. 40 PVC riser (0'-10')			
8	3	8-12		Bentonite pellets (2-8')			
12	3	12-16		2" sch. 40 PVC (0.10 slot screen)			
16	4	16-20		#0 sand (8-20')			
				Bottom of screen 20' bg			
20				Bottom of borehole 20' bg			
24							
30							

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = _____
N = ASTM D1586

Backfill Well Key
Cement/Bentonite
Native Fill
Sand
Bentonite

HAZARD EVALUATIONS
3636 N. Buffalo Road
Orchard Park, NY 14127
716-667-3130

Boring No: SB126-MW-3

Project Name & Location	Remedial Investigation; 155-157 Chandler Street, Buffalo			HEI Representative	E. Betzold
Project Number:	e1601				
Start Date	7/13/2017	End Date	7/13/2017	Type of Drill Rig	Track Mount
GW Depth While Drilling	12'			Drilling Contractor	TREC Env.
GW Depth at Completion				Sampler Type:	MC

Sample Depth (ft)	Sample No.	Sample Interval (feet)	Recovery (inches)	SAMPLE DESCRIPTION	OVM Reading (ppm)
	1	0-4	40	Dk. Brown f/c Sand, little Gravel, little Slag, moist (FILL)	0
1				Grades to … some Slag	0
2				Grades to … little Slag	
				Grades to … tr. Slag, tr. Gravel, odor, stained	25
3					100
	2	4-8	48		
4				Red/Brown CLAY & SILT, tr. f/c Sand, tr. Gravel, moist	500
5					200
6					1
7					1
	3	8-12	48		
8					0
9					0
10					0
11					0.5
	4	12-16	48		
12				Grades to … wet	0.5
13					0.2
14					0.2
15					0.2
	5	16-20	48	Grades to … moist	
16					0.2
18					0.1
20					0.1
22					0.1
24				Refusal encountered at 22.5' bg	

Notes:	MW installed to 20' bg - 7/13/17
General Notes:	1 - Boundary between soil types represented with stratification line. Transitions may be gradual. Depths are approximate. 2 - Groundwater (GW) depths approximate at time of sampling. Fluctuations in groundwater may occur. 3 - f=fine; m=medium; c=coarse 4 - and (36-50%); some (21-35%); little (11-20%); trace (1-10%)

MC - Geoprobe Macrocore SS - Split Spoon SH - Shelby Tube BC - Bedrock Core

Hazard Evaluations, Inc.

Hole No.: SB 126/MW-3
Sheet 1 of 1

Date started: 7/13/17
Date Finished: 7/13/17

Client: R& M Leasing

Location: 155-157 Chandler Street

Method of Investigation: Advance 3.25" hollow-stem tubes to depth of boring. Set 2-inch well at total depth of boring.

Project No.: e1601
Project Manager: Eric Betzold

Drilling Co.: Trec Environmental
Driller: Jim and Eric
Drill Rig: Geoprobe

Weather:

Depth (ft.)	Sample No.	Sample Depth (ft.)	Blows/6"	Sample Description	Field Analytical Readings	Well Details	Groundwater and Other Observations
	1	0-4	N/A: Well Completed with Geoprobe drill rig	Cement/Bentonite mix (0-2')			
4	2	4-8		2" sch. 40 PVC riser (0'-10')			
8	3	8-12		Bentonite pellets (2-8')			
12	3	12-16		2" sch. 40 PVC (0.10 slot screen)			
16	4	16-20		#0 sand (8-20')			
				Bottom of screen 20' bg			
20				Bottom of borehole 20' bg			
24							
30							

Sample Types:
S=Split Spoon: _____ T= Shelby Tube: _____
R= Rock Core: _____ O = _____
N = ASTM D1586

Backfill Well Key
Cement/Bentonite
Native Fill
Sand
Bentonite

HAZARD EVALUATIONS

Well Data Sheet

Date: 7/20/2017 Job #: e1601

Crew: Eric Betzold

Well Depth: 23.07' TOC

Initial *Phase* Level:

Initial *Water* Level: 21.97' TOC

Volume Calculation: 1.1 X .163 X 3 = 0.54 gal

DTB-DTW*0.163=1-well vol

Purge Record

Time	Volume	pH	Cond.	Temp.	Turbidity
3:25pm	0.5 gal				Low

Purge Method: Bailer

Initial Water Quality

Final Water Quality

SAMPLE RECORD

Date: 7/28/2017 Volume:

Time: Analysis:

Crew: Eric Betzold/Greg Bittner Chain of Custody #:

Method: Low Flow Pump Sample Type:

Sample ID: SB126/MW-3

Water Quality:

pH:

Conductivity:

Temperature:

Turbidity:

Diameter	Multiply by
1"	0.041
2"	0.163
3"	0.367
4"	0.653
6"	1.468
8"	2.61

Comments: OVM headspace - 6.6 ppm

Well casing sticks up 3' above grade level

TOC - Top of casing

Signature: Eric J Betzold


Decommissioned Well

APPENDIX F

DATA USABILIY SUMMARY REPORTS
EQUIS DATA SUBMITAL CONFIRMATIONS

Data Usability Summary Report

Vali-Data of WNY, LLC
20 Hickory Grove Spur
Fulton, NY 13069

155 Chandler St.
SDG#L2271489
January 25, 2023
Sampling date: 12/19/2022

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 Environmental Advantage, project located at 155 Chandler St., Alpha Analytical, SDG#L2271489 submitted to Vali-Data of WNY, LLC on January 12, 2023. 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	IA-1 (121922)	L2271489-01
2	IA-2 (121922)	L2271489-02
3	IA-3 (121922)	L2271489-03
4	IA-3 (121922) DUPLICATE	L2271489-04
5	IA-4 (121922)	L2271489-05
6	IA-5 (121922)	L2271489-06
7	IA-6 (121922)	L2271489-07
8	OA-1 (121922)	L2271489-08

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 Initial Calibration.

Sample: DUSR ID#6 was diluted due to high target analyte concentrations.

All results were recorded to the reporting limits.

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 except Methylene Chloride was detected in DUSR ID#4 but not #3.

LABORATORY CONTROL SAMPLES
All criteria were met.

MS/MSD/DUPLICATE
No MS/MSD/Duplicate was acquired.

COMPOUND QUANTITATION
All criteria were met.

INITIAL CALIBRATION
All criteria were met except the %Rec of a target analyte was outside QC limits in the Initial Calibration and the Initial Calibration Verification and should be qualified as estimated in the associated samples, blanks and spikes.

ICal/ICV Instrument	Target Analyte	%RSD/%D	Qualifier	Associated Sample
ICal Airlab19	Benzyl chloride	30.88	UJ/J	WG1729583, 1-8, 3DUP
ICV Airlab19	Benzyl chloride	-31.1	UJ/J	WG1729583, 1-8, 3DUP

CONTINUING CALIBRATION
All criteria were met.

GC/MS PERFORMANCE CHECK
All criteria were met.

CANISTER CERTIFICATION BLANKS
All criteria were met.

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. 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, 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 Client Service Representative 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 Client Services at 800-624-9220 with any questions.

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on December 6, 2022. The canister certification results are provided as an addendum.

L2271489-06: 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.

L2271489-06D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

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

Authorized Signature: Christopher J Anderson Report Date: 01/04/23

Title: Technical Director/Representative

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-01	**Date Collected**	: 12/19/22 16:10
Client ID	: IA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 17:50
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919240	**Instrument ID**	: AIRLAB19
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	0.503	0.200	--	2.49	0.989	--	
74-87-3	Chloromethane	0.461	0.200	--	0.952	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	17.2	5.00	--	32.4	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	4.10	1.00	--	9.74	2.38	--	
75-69-4	Trichlorofluoromethane	0.241	0.200	--	1.35	1.12	--	
67-63-0	Isopropanol	2.03	0.500	--	4.99	1.23	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-01	**Date Collected**	: 12/19/22 16:10
Client ID	: IA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 17:50
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919240	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-01	**Date Collected**	: 12/19/22 16:10
Client ID	: IA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 17:50
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919240	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-02	**Date Collected**	: 12/19/22 16:20
Client ID	: IA-2 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 18:31
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919241	**Instrument ID**	: AIRLAB19
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	0.515	0.200	--	2.55	0.989	--	
74-87-3	Chloromethane	0.513	0.200	--	1.06	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	15.5	5.00	--	29.2	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	8.52	1.00	--	20.2	2.38	--	
75-69-4	Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--	
67-63-0	Isopropanol	1.56	0.500	--	3.83	1.23	--	
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	1.90	0.200	--	5.92	0.623	--	
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	1.37	0.500	--	4.04	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	5.32	0.500	--	15.7	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-02	**Date Collected**	: 12/19/22 16:20
Client ID	: IA-2 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 18:31
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919241	**Instrument ID**	: AIRLAB19
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	0.217	0.200	--	0.782	0.721	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-02	**Date Collected**	: 12/19/22 16:20
Client ID	: IA-2 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 18:31
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919241	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-03	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 19:12
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919242	**Instrument ID**	: AIRLAB19
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	0.499	0.200	--	2.47	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	323	5.00	--	609	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	74.0	1.00	--	176	2.38	--	
75-69-4	Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	54.6	0.500	--	134	1.23	--	
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	0.577	0.200	--	1.80	0.623	--	
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	13.8	0.500	--	49.7	1.80	--	
67-66-3	Chloroform	0.785	0.200	--	3.83	0.977	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-03	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 19:12
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919242	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-03	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 19:12
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919242	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-04	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922) DUPLICATE	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 20:34
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919244	**Instrument ID**	: AIRLAB19
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	0.491	0.200	--	2.43	0.989	--	
74-87-3	Chloromethane	0.494	0.200	--	1.02	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	262	5.00	--	494	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	68.4	1.00	--	162	2.38	--	
75-69-4	Trichlorofluoromethane	0.210	0.200	--	1.18	1.12	--	
67-63-0	Isopropanol	48.2	0.500	--	118	1.23	--	
75-65-0	Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--	U
75-09-2	Methylene chloride	0.936	0.500	--	3.25	1.74	--	
107-05-1	3-Chloropropene	ND	0.200	--	ND	0.626	--	U
75-15-0	Carbon disulfide	0.490	0.200	--	1.53	0.623	--	
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	11.2	0.500	--	40.4	1.80	--	
67-66-3	Chloroform	0.713	0.200	--	3.48	0.977	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-04	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922) DUPLICATE	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 20:34
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919244	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-04	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922) DUPLICATE	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 20:34
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919244	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-05	**Date Collected**	: 12/19/22 16:45
Client ID	: IA-4 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:15
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919245	**Instrument ID**	: AIRLAB19
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	0.490	0.200	--	2.42	0.989	--	
74-87-3	Chloromethane	0.483	0.200	--	0.997	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	66.3	5.00	--	125	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	369	1.00	--	877	2.38	--	
75-69-4	Trichlorofluoromethane	0.211	0.200	--	1.19	1.12	--	
67-63-0	Isopropanol	245	0.500	--	602	1.23	--	
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	0.548	0.500	--	1.62	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-05	**Date Collected**	: 12/19/22 16:45
Client ID	: IA-4 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:15
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919245	**Instrument ID**	: AIRLAB19
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	0.421	0.200	--	1.59	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-05	**Date Collected**	: 12/19/22 16:45
Client ID	: IA-4 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:15
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919245	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-06	**Date Collected**	: 12/19/22 16:17
Client ID	: IA-5 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919246	**Instrument ID**	: AIRLAB19
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	0.560	0.200	--	2.77	0.989	--	
74-87-3	Chloromethane	0.511	0.200	--	1.06	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	164	5.00	--	309	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	799	1.00	--	1900	2.38	--	E
75-69-4	Trichlorofluoromethane	0.216	0.200	--	1.21	1.12	--	
67-63-0	Isopropanol	968	0.500	--	2380	1.23	--	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	0.793	0.500	--	2.34	1.47	--	
141-78-6	Ethyl Acetate	0.634	0.500	--	2.28	1.80	--	
67-66-3	Chloroform	ND	0.200	--	ND	0.977	--	U
109-99-9	Tetrahydrofuran	1.64	0.500	--	4.84	1.47	--	
107-06-2	1,2-Dichloroethane	ND	0.200	--	ND	0.809	--	U
110-54-3	n-Hexane	0.233	0.200	--	0.821	0.705	--	
71-43-2	Benzene	0.247	0.200	--	0.789	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-06	**Date Collected**	: 12/19/22 16:17
Client ID	: IA-5 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919246	**Instrument ID**	: AIRLAB19
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	0.274	0.200	--	1.12	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	0.898	0.200	--	3.38	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-06	**Date Collected**	: 12/19/22 16:17
Client ID	: IA-5 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919246	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-06D	**Date Collected**	: 12/19/22 16:17
Client ID	: IA-5 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/04/23 06:45
Sample Matrix	: AIR	**Dilution Factor**	: 10
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919258	**Instrument ID**	: AIRLAB19
Sample Amount	: 25.0 ml	**GC Column**	: RTX-1

		ppbV			ug/m3			
CAS NO.	**Parameter**	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**
67-64-1	Acetone	1090	10.0	--	2590	23.8	--	
67-63-0	Isopropanol	1190	5.00	--	2930	12.3	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-07	**Date Collected**	: 12/19/22 16:06
Client ID	: IA-6 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 22:37
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919247	**Instrument ID**	: AIRLAB19
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	0.716	0.200	--	1.48	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	64.8	5.00	--	122	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	23.0	1.00	--	54.6	2.38	--	
75-69-4	Trichlorofluoromethane	0.213	0.200	--	1.20	1.12	--	
67-63-0	Isopropanol	23.2	0.500	--	57.0	1.23	--	
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	1.25	0.200	--	4.41	0.705	--	
71-43-2	Benzene	0.540	0.200	--	1.73	0.639	--	

Results Summary
Form 1
Volatile Organics in Air

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-07	**Date Collected**	: 12/19/22 16:06
Client ID	: IA-6 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 22:37
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919247	**Instrument ID**	: AIRLAB19
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	0.456	0.200	--	1.57	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	0.529	0.200	--	2.47	0.934	--	
142-82-5	Heptane	0.692	0.200	--	2.84	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	2.22	0.200	--	8.37	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	0.338	0.200	--	1.47	0.869	--	
179601-23-1	p/m-Xylene	1.17	0.400	--	5.08	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	0.404	0.200	--	1.75	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	0.230	0.200	--	1.13	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-07	**Date Collected**	: 12/19/22 16:06
Client ID	: IA-6 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 22:37
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919247	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-08	**Date Collected**	: 12/19/22 16:15
Client ID	: OA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 23:18
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919248	**Instrument ID**	: AIRLAB19
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	0.487	0.200	--	2.41	0.989	--	
74-87-3	Chloromethane	0.454	0.200	--	0.938	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	2.63	1.00	--	6.25	2.38	--	
75-69-4	Trichlorofluoromethane	0.207	0.200	--	1.16	1.12	--	
67-63-0	Isopropanol	1.22	0.500	--	3.00	1.23	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-08	**Date Collected**	: 12/19/22 16:15
Client ID	: OA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 23:18
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919248	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-08	**Date Collected**	: 12/19/22 16:15
Client ID	: OA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 23:18
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919248	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-4	**Date Collected**	: NA
Client ID	: WG1729583-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/23 15:54
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919238	**Instrument ID**	: AIRLAB19
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	0.500	--	ND	1.23	--	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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-4	**Date Collected**	: NA
Client ID	: WG1729583-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/23 15:54
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919238	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-4	**Date Collected**	: NA
Client ID	: WG1729583-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/23 15:54
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919238	**Instrument ID**	: AIRLAB19
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
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-5	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)DUP	**Date Received**	: 12/20/22
Sample Location	:	**Date Analyzed**	: 01/03/23 19:53
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919243	**Instrument ID**	: AIRLAB19
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	0.497	0.200	--	2.46	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	348	5.00	--	656	9.42	--	
593-60-2	Vinyl bromide	ND	0.200	--	ND	0.874	--	U
67-64-1	Acetone	74.9	1.00	--	178	2.38	--	
75-69-4	Trichlorofluoromethane	0.207	0.200	--	1.16	1.12	--	
67-63-0	Isopropanol	54.9	0.500	--	135	1.23	--	
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	0.582	0.200	--	1.81	0.623	--	
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	13.8	0.500	--	49.7	1.80	--	
67-66-3	Chloroform	0.797	0.200	--	3.89	0.977	--	
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-5	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)DUP	**Date Received**	: 12/20/22
Sample Location	:	**Date Analyzed**	: 01/03/23 19:53
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919243	**Instrument ID**	: AIRLAB19
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**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729583-5	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)DUP	**Date Received**	: 12/20/22
Sample Location	:	**Date Analyzed**	: 01/03/23 19:53
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15	**Analyst**	: TJS
Lab File ID	: R1919243	**Instrument ID**	: AIRLAB19
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
87-68-3	Hexachlorobutadiene	ND	0.200	--	ND	2.13	--	U

Initial Calibration Summary
Form 6
Air Volatiles

Client	: **Environmental Advantage, Inc.**	**Lab Number**	: **L2271489**
Project Name	: **CY2022 SMP INDOOR AIR SAMPLING**	**Project Number**	: **01101**
Instrument ID	: **AIRLAB19**	**Ical Ref**	: **ICAL19537**
Calibration dates	: **11/30/22 20:39 12/01/22 01:55**		

Calibration Files
0.2 =r1918548.D 0.5 =r1918549.D 1.0 =r1918550.D 5.0 =r1918551.D 10 =r1918552.D 20 =r1918553.D
50 =r1918554.D 100 =r1918555.D

		Compound	0.2	0.5	1.0	5.0	10	20	50	100	Avg	%RSD
73)		3-methylthiophene	3.140	3.019	2.974	2.991	2.985	3.071	2.758	2.606	2.9431	5.94
74)		dibromochloromethane	1.557	1.493	1.490	1.483	1.491	1.629	1.454	1.315	1.4892	6.00
75)	C	1,2-dibromoethane	1.865	1.705	1.712	1.691	1.665	1.740	1.545	1.417	1.6675	8.05
76)		butyl acetate		0.464	0.501	0.455	0.501	0.580	0.546	0.525	0.5103	8.68
77)		octane	1.761	1.578	1.583	1.528	1.523	1.657	1.487	1.378	1.5618	7.33
78)	C	tetrachloroethene	1.393	1.289	1.271	1.237	1.223	1.291	1.131	1.032	1.2334	8.89
79)		1,1,1,2-tetrachloroethane	1.183	1.147	1.107	1.104	1.106	1.193	1.031	0.874	1.0932	9.36
80)	C	chlorobenzene	3.098	2.909	2.892	2.800	2.733	2.853	2.424	2.075	2.7229	11.91
81)	C	ethylbenzene	5.121	4.688	4.726	4.652	4.568	4.795	4.221	3.722	4.5616	9.22
82)		2-ethylthiophene	3.699	3.529	3.504	3.526	3.498	3.526	3.064	2.737	3.3855	9.40
83)	C	m+p-xylene	4.054	3.930	3.901	3.809	3.757	3.851	3.312	2.806	3.6774	11.27
84)	C	bromoform	1.138	1.117	1.141	1.183	1.188	1.316	1.150	1.015	1.1560	7.25
85)	C	styrene	2.890	2.974	3.003	2.983	2.924	3.082	2.651	2.377	2.8606	8.14
86)	C	1,1,2,2-tetrachloroethane	2.749	2.602	2.656	2.651	2.576	2.679	2.218	1.832	2.4955	12.51
87)	C	o-xylene	4.017	4.032	3.936	3.805	3.691	3.781	3.109	2.542	3.6142	14.47
88)		1,2,3-trichloropropane	2.243	2.142	2.212	2.131	2.113	2.295	2.023	1.835	2.1242	6.79
89)		nonane	3.764	3.725	3.702	3.470	3.424	3.666	3.179	2.793	3.4655	9.69
90)	s	bromofluorobenzene	2.954	3.004	3.044	3.023	3.005	3.036	3.054	3.130	3.0313	1.67
91)	C	isopropylbenzene	5.464	5.210	5.249	4.924	4.835	5.090	4.208	3.625	4.8258	12.72
92)		bromobenzene	3.136	3.021	2.998	2.838	2.789	3.011	2.597	2.281	2.8338	9.88
93)		2-chlorotoluene	1.371	1.235	1.288	1.227	1.241	1.331	1.178	1.068	1.2423	7.53
94)		n-propylbenzene	1.569	1.474	1.585	1.517	1.522	1.623	1.426	1.236	1.4940	8.14
95)		4-chlorotoluene	1.067	1.218	1.246	1.181	1.189	1.308	1.168	1.047	1.1779	7.37
96)		4-ethyl toluene	5.041	4.870	5.153	5.039	4.964	5.177	4.384	3.702	4.7914	10.56
97)		1,3,5-trimethylbenzene	4.755	4.412	4.420	4.307	4.200	4.337	3.617	2.956	4.1254	13.81
98)		tert-butylbenzene	5.098	4.782	4.763	4.421	4.302	4.342	3.454	2.625	4.2234	19.14
99)		1,2,4-trimethylbenzene	4.534	4.284	4.282	4.186	4.027	4.007	3.152	2.398	3.8589	18.60
100)		decane	4.111	3.845	3.997	3.867	3.861	4.215	3.708	2.998	3.8255	9.70
101)	C	Benzyl Chloride	1.333	1.500	1.870	2.667	2.934	3.321	2.910	2.277	2.3516	30.88#
102)		1,3-dichlorobenzene	1.754	1.992	2.118	2.115	2.076	2.143	1.906	1.534	1.9547	11.00
103)	C	1,4-dichlorobenzene	1.493	1.877	2.025	2.009	2.077	2.170	1.872	1.511	1.8793	13.44
104)		sec-butylbenzene	7.081	6.525	6.559	6.143	5.913	6.228	5.099	3.991	5.9422	16.41
105)		1,2,3-trimethylbenzene	4.273	3.989	3.949	3.742	3.585	3.607	2.786	2.110	3.5052	20.34
106)		p-isopropyltoluene	5.870	5.722	5.643	5.387	5.195	5.304	4.011	3.010	5.0178	19.80
107)		1,2-dichlorobenzene	1.814	1.740	1.842	1.866	1.881	1.883	1.675	1.342	1.7553	10.38
108)		n-butylbenzene	3.949	3.963	3.997	4.080	4.059	4.325	3.185	2.733	3.7863	14.20

Evaluate Continuing Calibration Report

Data Path : O:\Forensics\Data\Airlab19\2022\11\1130T_I\
Data File : r1918558.D
Acq On : 1 Dec 2022 10:53 AM
Operator : AIRLAB19:RAY
Sample : CTO15-LLSTD10.0
Misc : WG1718142
ALS Vial : 0 Sample Multiplier: 1

Quant Time: Dec 01 11:08:07 2022
Quant Method : O:\Forensics\Data\Airlab19\2022\11\1130T_I\TFS19_221130.M
Quant Title : TO-14A/TO-15 SIM/Full Scan Analysis
QLast Update : Thu Dec 01 10:06:16 2022
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	4.562	4.943	-8.4	99	-0.03
83	C	m+p-xylene	3.677	3.994	-8.6	97	-0.02
84	C	bromoform	1.156	1.355	-17.2	104	-0.02
85	C	styrene	2.861	3.080	-7.7	96	-0.02
86	C	1,1,2,2-tetrachloroethane	2.496	2.812	-12.7	100	-0.02
87	C	o-xylene	3.614	3.979	-10.1	99	-0.02
88		1,2,3-trichloropropane	2.124	2.002	5.7	87	-0.02
89		nonane	3.466	3.252	6.2	87	-0.02
90	s	bromofluorobenzene	3.031	2.991	1.3	91	0.00
91	C	isopropylbenzene	4.826	4.738	1.8	90	-0.02
92		bromobenzene	2.834	2.674	5.6	88	-0.02
93		2-chlorotoluene	1.242	1.200	3.4	88	-0.02
94		n-propylbenzene	1.494	1.483	0.7	89	-0.02
95		4-chlorotoluene	1.178	1.146	2.7	88	0.00
96		4-ethyl toluene	4.791	5.164	-7.8	95	-0.02
97		1,3,5-trimethylbenzene	4.125	4.434	-7.5	97	-0.02
98		tert-butylbenzene	4.223	4.196	0.6	89	-0.02
99		1,2,4-trimethylbenzene	3.859	4.375	-13.4	99	0.00
100		decane	3.826	3.847	-0.5	91	-0.02
101	C	Benzyl Chloride	2.352	3.083	-31.1#	96	-0.02
102		1,3-dichlorobenzene	1.955	2.204	-12.7	97	-0.02
103	C	1,4-dichlorobenzene	1.879	2.141	-13.9	94	-0.02
104		sec-butylbenzene	5.942	5.675	4.5	88	-0.02
106		p-isopropyltoluene	5.018	4.825	3.8	85	0.00
107		1,2-dichlorobenzene	1.755	1.913	-9.0	93	-0.02
108		n-butylbenzene	3.786	3.947	-4.3	89	-0.02
111	C	1,2-dibromo-3-chloropropane	1.008	0.930	7.7	81	-0.02
112		undecane	4.051	4.308	-6.3	92	-0.02
114		dodecane	3.588	3.731	-4.0	86	-0.02
115	C	1,2,4-trichlorobenzene	1.054	1.307	-24.0	91	-0.02
116		naphthalene	3.457	3.620	-4.7	85	-0.02
117		1,2,3-trichlorobenzene	1.065	1.119	-5.1	88	-0.02
119	C	hexachlorobutadiene	1.420	1.698	-19.6	103	-0.02

* Evaluation of CC level amount vs concentration.
(#) = Out of Range SPCC's out = 0 CCC's out = 1

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-01	**Date Collected**	: 12/19/22 16:10
Client ID	: IA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 17:50
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919240_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.106	0.020	--	0.667	0.126	--	
79-01-6	Trichloroethene	0.145	0.020	--	0.779	0.107	--	
127-18-4	Tetrachloroethene	0.057	0.020	--	0.387	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-02	**Date Collected**	: 12/19/22 16:20
Client ID	: IA-2 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 18:31
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919241_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.097	0.020	--	0.610	0.126	--	
79-01-6	Trichloroethene	0.111	0.020	--	0.597	0.107	--	
127-18-4	Tetrachloroethene	0.049	0.020	--	0.332	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-03	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 19:12
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919242_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.094	0.020	--	0.591	0.126	--	
79-01-6	Trichloroethene	0.039	0.020	--	0.210	0.107	--	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-04	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922) DUPLICATE	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 20:34
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919244_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.091	0.020	--	0.572	0.126	--	
79-01-6	Trichloroethene	0.034	0.020	--	0.183	0.107	--	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-05	**Date Collected**	: 12/19/22 16:45
Client ID	: IA-4 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:15
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919245_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.084	0.020	--	0.528	0.126	--	
79-01-6	Trichloroethene	0.082	0.020	--	0.441	0.107	--	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-06	**Date Collected**	: 12/19/22 16:17
Client ID	: IA-5 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 21:56
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919246_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.089	0.020	--	0.560	0.126	--	
79-01-6	Trichloroethene	0.177	0.020	--	0.951	0.107	--	
127-18-4	Tetrachloroethene	0.025	0.020	--	0.170	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-07	**Date Collected**	: 12/19/22 16:06
Client ID	: IA-6 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 22:37
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919247_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	0.042	0.020	--	0.167	0.079	--	
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.121	0.020	--	0.761	0.126	--	
79-01-6	Trichloroethene	0.764	0.020	--	4.11	0.107	--	
127-18-4	Tetrachloroethene	0.033	0.020	--	0.224	0.136	--	

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: L2271489-08	**Date Collected**	: 12/19/22 16:15
Client ID	: OA-1 (121922)	**Date Received**	: 12/20/22
Sample Location	: 155 CHANDLER ST. BUFFALO, NY	**Date Analyzed**	: 01/03/23 23:18
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919248_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.078	0.020	--	0.491	0.126	--	
79-01-6	Trichloroethene	0.034	0.020	--	0.183	0.107	--	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729581-4	**Date Collected**	: NA
Client ID	: WG1729581-4BLANK	**Date Received**	: NA
Sample Location	:	**Date Analyzed**	: 01/03/23 16:34
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919239_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	ND	0.020	--	ND	0.126	--	U
79-01-6	Trichloroethene	ND	0.020	--	ND	0.107	--	U
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

Results Summary
Form 1
Volatile Organics in Air by SIM

Client	: Environmental Advantage, Inc.	**Lab Number**	: L2271489
Project Name	: CY2022 SMP INDOOR AIR SAMPLING	**Project Number**	: 01101
Lab ID	: WG1729581-5	**Date Collected**	: 12/19/22 16:30
Client ID	: IA-3 (121922)DUP	**Date Received**	: 12/20/22
Sample Location	:	**Date Analyzed**	: 01/03/23 19:53
Sample Matrix	: AIR	**Dilution Factor**	: 1
Analytical Method	: 48,TO-15-SIM	**Analyst**	: TJS
Lab File ID	: R1919243_EV2	**Instrument ID**	: AIRLAB19
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	--	ND	0.051	--	U
75-35-4	1,1-Dichloroethene	ND	0.020	--	ND	0.079	--	U
156-59-2	cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--	U
71-55-6	1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--	U
56-23-5	Carbon tetrachloride	0.095	0.020	--	0.598	0.126	--	
79-01-6	Trichloroethene	0.036	0.020	--	0.193	0.107	--	
127-18-4	Tetrachloroethene	ND	0.020	--	ND	0.136	--	U

From: dec.sm.NYENVDATA
To: Jason Kryszak
Cc: mszustak@envadvantage.com; "C. Mark Hanna"; Kuczka, Megan E (DEC)
Subject: RE: Pierce Arrow Business Center Site BCP #C915312 - Electronic Data Deliverable
Date: Tuesday, March 21, 2023 1:07:46 PM
Attachments: image001.png

Jason,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDD "20230306 0932.C915312.NYSDEC_MERGE" to Pierce Arrow Business Center in the NYSDEC EQuIS database and the data is available for use within the system.

Aaron
NYSDEC EIMS Team

From: Jason Kryszak <jkryszak@envadvantage.com>
Sent: Tuesday, March 14, 2023 2:36 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: mszustak@envadvantage.com; 'C. Mark Hanna' <mhanna@envadvantage.com>; Kuczka, Megan E (DEC) <Megan.Kuczka@dec.ny.gov>
Subject: Pierce Arrow Business Center Site BCP #C915312 - Electronic Data Deliverable

Good Afternoon,

Please find the attached zip file containing the following data set for BCP Site C915312 – Pierce Arrow Business Center

L2271489

Thank you,
Jason

Jason Kryszak, Project Scientist
Environmental Advantage, Inc.
3636 N. Buffalo Road
Orchard Park, NY 14127
Phone (716) 667-3130 ext.109
Fax (716) 667-3156
jkryszak@envadvantage.com
www.envadvantage.com

****
CONFIDENTIALITY NOTICE
****

APPENDIX G

INSTITUTIONAL CONTROLS/ENGINEERING CONTROLS CERTIFICATION

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: April 27, 2022 to April 27, 2023

	YES	NO
1. Is the information above correct?	X	
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?		X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?		X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?		X
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?		X

Box 2

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

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

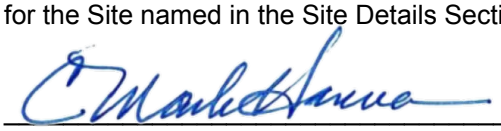
SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

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 C. Mark Hanna (print name) at 3636 N. Buffalo Road, Orchard Park, NY 14127 (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.



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

5/24/2023
Date

EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

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

I C. Mark Hanna (print name) at 3636 N. Buffalo Road, Orchard Park NY 14127 (print business address),

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

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification	0696 CHMM Certification #	5/24/2023 Date