LIMITED PHASE II SUBSURFACE INVESTIGATION REPORT

WAREHOUSE
1031 KINGS HIGHWAY
SAUGERTIES, NEW YORK 12477

ATLAS PROJECT NO. 183CGR2214

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General Information

Project Name	Warehouse
Project Address	1031 Kings Highway, Saugerties, New York 12477
Job Reference	183CGR2214
Date	October 24, 2022

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1.0 INTRODUCTION

Atlas ATC Engineering (Atlas) is pleased to submit this Limited Phase II Subsurface Investigation (Phase II) Report to Audioec, Inc. for the Warehouse located at 1031 Kings Highway, Saugerties, New York 12477 (hereafter referred to as "Site"). The report summarizes the soil, sub-slab, and ambient air samples completed on the Site on October 5 and 6, 2022. The Site location is shown on **Figure 1**.

1.1 Background

A Phase I Environmental Site Assessment Report, dated August 18, 2022, prepared by Atlas Technical Consultants LLC (Atlas) identified the following environmental concern at the Site:

The Subject Property and northern adjoining building were placed on the NY SHWS database under site code: 56063. On-site groundwater was contaminated with tetrachloroethene, 1,1,1-trichloroethane, freon, and several other VOCs. Two areas of contamination were identified: a former solvent shed located at 1033 Kings Highway and a former solvent AST at 1031 Kings Highway. Currently, there is a groundwater remediation system in place and operating effectively. Groundwater contamination continues to decrease as the remedial program progresses.

Atlas reviewed the following historic environmental report for the Subject Property and northern adjoining site: Revised Operations and Monitoring Plan, Former Ferroxcube Site Saugerties, New York, NYSDEC Site No. 356011, prepared by AECOM dated December 31, 2019 which provided an overview of prior remediation and recommendations.

Remedial activities at the former solvent shed included air sparging, soil vapor extraction, groundwater pumping and treatment, and permanganate injections. Air sparging and soil vapor extraction was completed in the area from 1994 to 1998. Samples collected after this remediation determined a majority of the VOC mass has been removed from the soil. Once the soil contamination was considered under control, the remediation shifted and focused on the bedrock aquifers. Permanganate injections occurred from 2000 to 2003 and again from 2006 to 2007. To monitor the progress of remediation; a total of nine (9) wells were installed in the area of AOC 1 and Building 2. Samples collected throughout the years indicated that volatile organic compounds (VOCs) were within compliance at the wells along the northern portion, farthest from AOC 1. VOCs continued to exceed State Cleanup Guidance (SCG) at monitoring wells closer to the southeast corner of the site, closer to AOC 1. Additionally, perfluorooctanesulfonic acid (PFOS) and perfluorooctanoic acid (PFOA) were analyzed for in the most recent samples and found to be present in monitoring wells on the southeast corner of the site. AECOM proposed the monitoring wells along the northern portion be decommissioned, as they have been continually within compliance levels, and quarterly sampling for VOCs and PFAS will continue for the next year in the southeast monitoring wells; they continue to have exceedances.

Remedial activities at the former solvent AST included bionutrient substrate injections in 2001, 2002, 2004, 2007, 2009, 2011, and 2013. These injections were intended to promote reductive dichlorination of VOCs by soil bacteria. Six (6) monitoring wells were installed surrounding the former AST. Three (3) of the wells were sampled quarterly and three (3) of the wells were sampled annually. Based on results and continuous exceedances; AECOM recommends groundwater be continually sampled and analyzed for VOCs, 1,4-dioxane, and PFOS.

Semi-annual sampling was completed on the Subject Property between June and December of 2020. Concentrations of VOCs and PFAS were identified in the Subject Property and northern adjoining site above NYSDEC Ambient Water Quality Standards (AWQS). Based on the concentrations of VOCs and PFAS detected in groundwater, groundwater monitoring will continue with a sampling event in 2021.

Based on the O&M Plan provided by AECOM, the NYSDEC closed the SHWS case number but requires the monitoring to continue. Atlas considers the identified groundwater contamination on the Subject Property and northern adjoining site to represent a CREC based on the SHWS case closure and AECOM O&M Plan in being place. Atlas considers the identified VOC groundwater contamination to represent a VEC to the Subject Property.

1.2 Property Location and Description

The Site is currently developed with a commercial building situated on 10.6 acres of land located west out Kings Highway. The Site is improved with a one-story, 115,000-square foot warehouse building. The Site is currently used for a warehouse storage. The building is surrounded by asphalt paved parking.

1.3 Purpose and Scope

The purpose of this investigation was to address the recognized environmental conditions identified in the Phase I Environmental Site Assessment completed on the Site by Atlas dated August 18, 2022.

2.0 PHYSICAL SETTING

2.1 Topography

Based on the United States Geological Survey (USGS) 7.5-Minute Series Topographic Map, Saugerties, New York Quadrangle, dated 2019, the Site is located around 140 feet above mean sea level (MSL). The Site is relatively flat and the surrounding area slopes toward the east. A copy of the topographic map is included as **Figure 1**.

2.2 Soils/Geology

According to the United Stated Geologic Survey (USGS) online database, the Site is underlain by the Paleozoic Era, Silurian System. According to USGS, the Silurian System consists of silt loam. The Catskills Formation is Devonian age.

In addition, according to previous assessments for the Site and northern adjoining property, the subsurface soil is underlain by glacial lacustrine clayey silt with varves at thicknesses ranging from 0 to 80 feet below the ground surface.

2.3 Hydrogeology

The available hydrogeologic information indicates that the presumed local groundwater flow direction is to the Northeast towards Esopus Creek. It should be noted that local geologic features may cause local groundwater flow direction to differ from the regional flow direction. Local hydraulic gradient at the Site was interpreted based on a review of the Saugerties, New York USGS Topographic Map dated 2019.

Atlas reviewed prior investigations completed on the Subject Property by AECOM which included groundwater measurements. Based on these report, the groundwater on the Site flows north.

3.0 LIMITED SUBSURFACE INVESTIGATION ACTIVITIES

3.1 Preliminary Activities

Prior to mobilizing to the Site, preliminary activities included: coordinating with site contact personnel for access to the Site; scheduling with the drilling subcontractor; coordinating with laboratory for sampling containers, sample pick-up and drop-offs; and establishing adequate turn-around-times for sample results. In addition, Atlas prepared a Site-Specific Health and Safety Plan (HASP) consistent with applicable and appropriate requirements.

3.2 Geophysical Survey

A geophysical survey at the Site was completed on September 5, 2022 to investigate subsurface structures, utilities, and anomalies in the areas of the proposed soil boring locations so that they can be avoided during drilling activities. The geophysical method employed included a TW-6 hand-held electromagnetic metal detector, a Radiodetection (RD) transmitter and receiver used for pipe and cable locating, and a Geophysical Survey System, Inc. (GSSI) UtilityScan HS cart-mounted ground penetrating radar (GPR) system with a 350 MHz antenna.

No anomalies were detected in the warehouse building foundation. The GPR survey identified rebar in the foundation of the Site building running vertically and horizontally approximately every 6 inches.

3.3 Soil Borings and Soil Sampling Activities

Atlas had proposed to complete two (2) soil boring and two (2) temporary monitoring wells in the area of the trench drains on the western portion of the Site building. The proposed boring locations were within a building therefore a geoprobe could not be utilized for safety reasons, so the borings would be hand dug down 20 feet using a hand auger. Based on the placement of the rebar in the slab, discussed above, the subcontractor was unable to cut a hole in the foundation wide enough for a hand auger to access the soill, therefore Atlas was unable to obtain a soil and/or groundwater samples near the trench drains.

To determine potential concerns from the trench drains, Atlas instead placed a sub-slab vapor point and ambient air sample in the immediate area. See Section 3.4 for sub-slab vapor point methodology and sampling activities.

3.4 Sub-Slab Vapor Sampling Activities

Four (4) sub-slab vapor points were advanced throughout the interior of the Site building (**Figure B**). The samples were collected in accordance with the NYSDOH Vapor Intrusion (VI) Guidance document, October 2008. A 1-7/8 inch long, ½ inch diameter one-piece molded high-density porous polyethylene screen implant was installed just below the Sites building foundation. The implant was fitted with a 1/8 to 1/4-inch diameter, laboratory grade, polyethylene tubing that extended to the surface. The annular space was backfilled with a #1 sand to 1-foot above the screen, with the remainder of the borehole backfilled with drill

cuttings and a minimum 1-foot thick bentonite slurry to grade. The samples were collected in appropriate sized Summa canisters that had been certified clean by the laboratory. Flow rate for both purging and sampling did not exceed 0.2 Liters per minute (L/min). Following soil vapor implant placement, one to three implant volumes were purged prior to the collection of the soil-gas sample. To confirm the integrity of the annular seal, a helium tracer gas was placed around the base of the probe and at various connections in the sampling system prior to sampling. A vapor sample from the probe was then measured for helium using a field instrument. The presence of > 5% helium in the vapor sample confirms a leak. No leaks were detected. When no helium was detected, the integrity of the seal was confirmed to be preventing outside air from entering the borehole.

The vapor samples were analyzed for VOCs in accordance with EPA Method TO-15. The method detection limit for the VOC sample was at least 5 parts per billion vapor (ppbv). The SUMMA canisters used in the investigation were certified clean by the laboratory. After collection, the SUMMA canisters were submitted to PACE Laboratories under chain of custody for analysis.

3.1 Ambient Air Activities

Three (3) indoor air samples were collected within the Site building and one (1) ambient or “background” air sample was collected in the parking lot south of the Site building. The Indoor and ambient air samples were collected concurrently with the sub-slab soil vapor samples for 8 hours, a typical work day. The SUMMA canisters used in the investigation were certified clean by the laboratory. After collection, the SUMMA canisters were submitted to PACE Laboratories under chain of custody for analysis.

4.0 RESULTS

4.1 Sub-Slab Vapor Results

The sub-slab vapor results were compared to the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 with revision in 2017 and Environmental Protection Agency (EPA) Residential and Commercial Soil Vapor Screening Levels.

The following VOCs were detected in the four (4) sub-slab vapor samples: 1,1,1-trichloroethane, 1,1,2,2-tetrachloroethane, 1,1-dichloroethane, 1,1-dichloroethene, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 1,3-butadiene, 2-butanone, acetone, benzene, carbon disulfide, chloromethane, cyclohexane, dichlorodifluoromethane, ethanol, ethyl benzene, heptane, m/p-xylene, o-xylene, styrene, tetrahydrofuran, toluene, and trichlorofluoromethane.

NYSDOH Guidance levels are associated with eight (8) compounds: 1,1,1-trichloroethane, 1,1-dichlororethene, carbon tetrachloride, cis-1,2-dichloroethene, methylene chlorine, tetrachloroethene, trichloroethene, and vinyl chloride. All compounds were non-detect (ND) in the sub-slab vapor points, except for 1,1,1-trichloroethane and 1,1-dichloroethene. SS-01 had a 1,1,1-trichloroethane concentration on 1.38 ug/m3 which is below the NYSDOH limit of 100 ug/m3. SS-03 had a 1,1,1,-trichloroethane concentration of 1400 ug/m3 and a 1,1,-dichloroethene concentration of 243 ug/m3 which are both above the NYSDOH Guidance level of 100 ug/m3 and 6 ug/m3. SS-04 had a 1,1,1-trichloroethane concentration 68.2 ug/m3 which is below NYSDOH guidance level.

No VOCs detected in the sub-slab vapor samples were above EPA Commercial Soil Vapor Screening Levels. Complete laboratory analytical reports are present in Appendix A.

4.2 Ambient Air Results

The ambient air results were compared to the New York State Department of Health (NYSDOH) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 with revision in 2017 and Environmental Protection Agency (EPA) Commercial Indoor Air Screening Levels.

The following VOCs were detected in the ambient air samples: acetone, benzene, carbon tetrachloride, chloromethane, dichlorodifluoromethane, toluene, trichloroethene, and trichlorofluoromethane.

NYSDOH Guidance levels are associated with eight (8) compounds: 1,1,1-trichloroethane, 1,1-dichlororethene, carbon tetrachloride, cis-1,2-dichloroethene, methylene chlorine, tetrachloroethene, trichloroethene, and vinyl chloride. All compounds were ND in ambient air samples except for carbon tetrachloride and trichloroethene. Carbon tetrachloride was measured in IA-01 at 0.604 ug/m3, in IA-02 at 0.616 ug/m3, IA-03 at 0.552 ug/m3 and OA-01 at 0.552 ug/m3 which is above NYSDOH Guidance levels of 0.2 ug/m3. Trichloroethene was measured in IA-01 at 0.129 and IA-02 at 0.167 ug/m3 which is below NYSDOH Guidance levels of 0.2 ug/m3. Trichloroethene was measured in IA-03 at a concentration 0.285 which is above NYSDOH Guidance levels.

No VOCs detected in the sub-slab vapor samples were above EPA Commercial Indoor Air Screening Levels. Complete laboratory analytical reports are present in Appendix A.

5.0 CONCLUSIONS

Atlas has completed a Phase II ESA to assess the Site for possible impact from identified environmental concerns. Atlas offers the following findings/conclusions, based on the sampling activities conducted in September 6, 2022

- Multiple VOCs were detected in all four (4) sub-slab vapor samples. No VOCs above EPA limits were measured in sub-slab vapor samples.
- SS-03, adjacent to the trench drains, had a 1,1,1,-trichloroethane concentration of 1400 ug/m3 and a 1,1,-dichloroethene concentration of 243 ug/m3 which are both above the NYSDOH Guidance level of 100 ug/m3 and 6 ug/m3. These concentrations are more than 10x the NYSDOH Guidance levels for each compound, therefore, based on the NYSDOH Soil Vapor / Indoor Air Matrix, there is a vapor concern on the southwest portion of the Subject Property.

  As stated in the background section, the Site is listed on the NYSDEC Superfund Site under Site Code: 56063 due to a VOCs groundwater plume caused by a former solvent AST located south of the Site building. Both 1,1,1-trichloroethane and 1,1,-dichloroethene were identified in the plume. The former solvent tank is located approximately 150-feet south of the sampling location of SS-03. Based on this information, Atlas believes the elevated levels of 1,1,1-trichloroethane and 1,1-dichloroethene in the soil vapor are due to the identified groundwater plume.

- No other VOCs were detected in the sub-slab samples above NYSDOH Guidance Levels.
- Multiple VOCs were detected in the three (3) ambient indoor air and the outdoor ambient air samples. No VOCs above EPA limits were measured in sub-slab vapor samples.
- Carbon tetrachloride was measured in all three ambient indoor air samples and the ambient outdoor air sample at concentrations ranging from 0.552 ug/m3 to 0.615 ug/m3. These concentrations are above NYSDOH Guidance levels; however, carbon tetrachloride was non-detect in all four sub-slab samples. Based on NYSDOH Soil Vapor / Indoor Air Matrix A, no vapor intrusion concern was identified, therefore, the source is most likely within the building. Carbon tetrachloride is a known carcinogen which primarily causes damage to the liver within humans. The elevated levels of carbon tetrachloride represent an air quality concern to the Site and human health.
- Trichloroethene was measured in IA-03 at a concentration of 0.285 ug/m3. These concentrations are above NYSDOH Guidance levels; however, trichloroethene was non-detect in all four sub-slab samples. Based on NYSDOH Soil Vapor / Indoor Air Matrix A, no vapor intrusion concern was identified, therefore, the source is most likely within the building. Trichloroethene is a known carcinogen which primarily causes damage to the kidneys within humans. The elevated levels of trichloroethene represent an air quality concern to the Site and human health.
- No other VOCs were detected in the indoor air samples above NYSDOH Guidance Levels.

6.0 RECOMMENDATIONS

Based on the analytical results of sub-slab vapor and ambient air, Atlas makes the following recommendations:

- Atlas recommends vapor mitigation on the southwest corner of the Subject Property which will include filling in the trench drains and epoxying any other potential subsurface pathways. Confirmation indoor air sampling will be completed on the southwest corner of the building once the epoxy has cured.
- Atlas recommends increased ventilation when people are within the building to immediately counteract the elevated levels of carbon tetrachloride and trichloroethene. An indoor air survey should be completed on the Subject Property to determine the source of carbon tetrachloride and trichloroethene within the building.

7.0 LIMITATIONS

Our professional services have been performed, our findings obtained and our recommendations prepared in accordance with customary principles and practices in the fields of environmental science and engineering in the State of New York. This warranty is in lieu of all other warranties either expressed or implied. Atlas is not responsible for the independent conclusions, opinions or recommendations made by others based on the results and designs presented in this report. The passage of time may result in a change in the environmental conditions at this Site and surrounding properties. This report does not warrant against future operations or conditions, nor does it warrant operations or conditions present of a type or at a location not investigated.

This subsurface investigation is limited in that results were obtained only for those areas investigated. In addition, the final depths of the advanced soil borings were dictated by proposal as agreed by the

client/independent client advisors and site-specific subsurface conditions. Atlas does not warrant that all areas of the Site are free and clear of contamination, or that all contamination has been identified by this investigation. All investigations are limited in their scopes and results, and should only be interpreted in the context from which they were designed.

No investigation can absolutely rule out the existence or degree of any hazardous materials or petroleum products at a given site. If a higher level of confidence were required than can be defined by this scope of work, then additional investigation would, of course, be required. Atlas accepts no liability arising from environmental impact to, of from, the site, regardless of the date of impact occurrence or findings.

8.0 RELIANCE

This Report is for the use and benefit of, and may be relied upon by Audioec, Inc. and any of its and their respective assigns, affiliates, agents and advisors; any initial and subsequent holders from time to time of any debt and/or securities backed in whole or in part, directly or indirectly, by assets covered by this Report; any initial and subsequent holders of any participation or beneficial interest in any such debt and/or securities; any trustee, servicer or other agent acting on behalf of holders of such debt and/or securities; any rating agencies providing ratings to any such securities; and any institutional providers from time to time of any liquidity facility or credit support for the financing of any such debt and/or securities; and their respective successors and assigns. In addition, this Report and/or a reference to this Report may be included or quoted in any offering circular, registration statement, prospectus or sales brochure (in either electronic or hard copy format) in connection with a securitization, syndication or similar transaction involving such debt and/or such securities.

9.0 REFERENCES

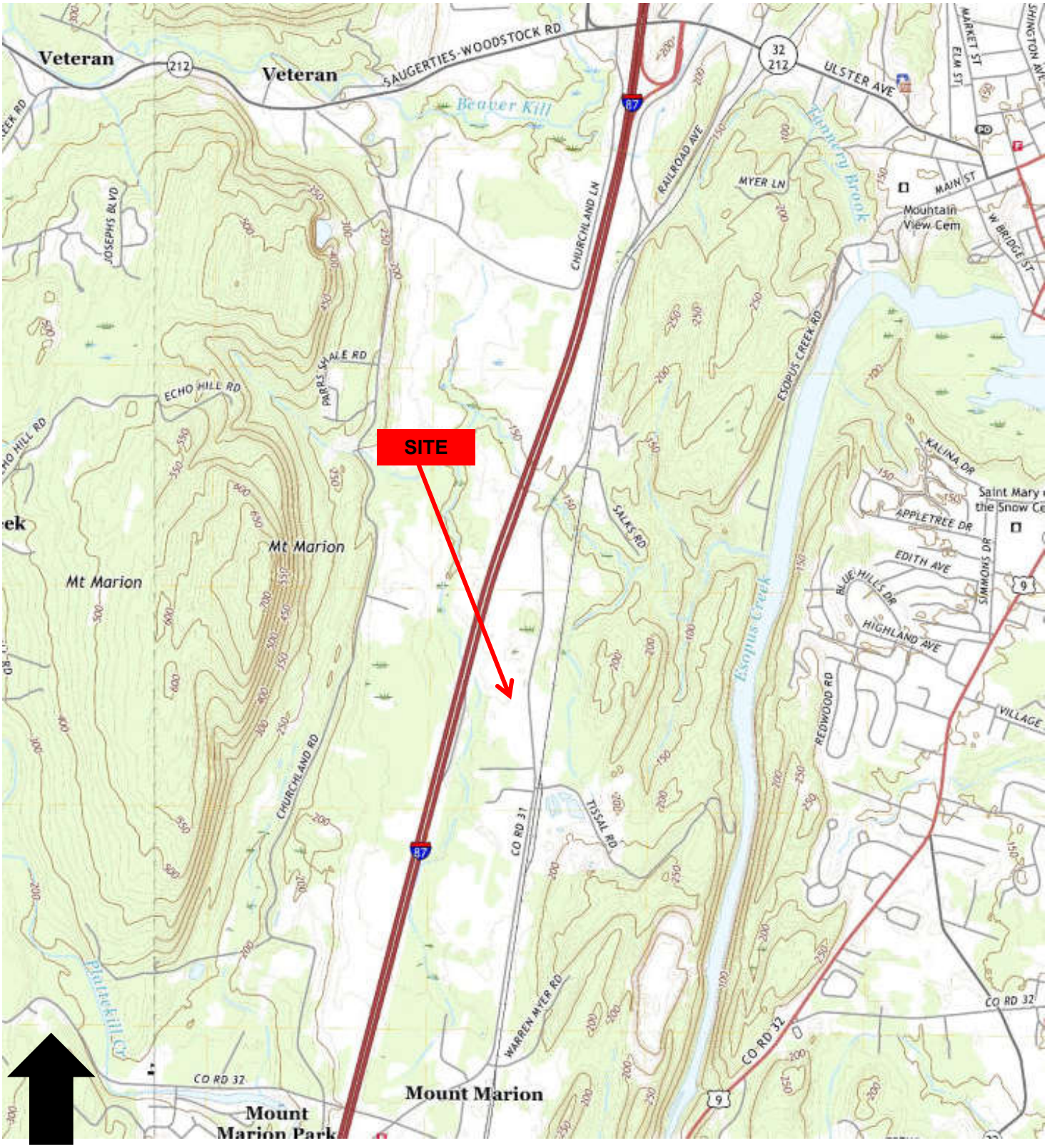
New York State Department of Conservation, *6 NYCRR Part 375, Environmental Remedial Programs*, December 14, 2006.

New York State Department of Health Guidance for Evaluating Soil Vapor Intrusion in the State of New York, dated October 2006 with revision in 2017.

Environmental Protection Agency Residential and Commercial Soil Vapor Screening Levels

Phase I Environmental Site Assessment to Audioec, Inc. for Warehouse located at 1031 Kings Highway, Saugerties, New York 12477 prepared by Atlas Technical Consultants LLC and dated August 18, 2022.

FIGURES

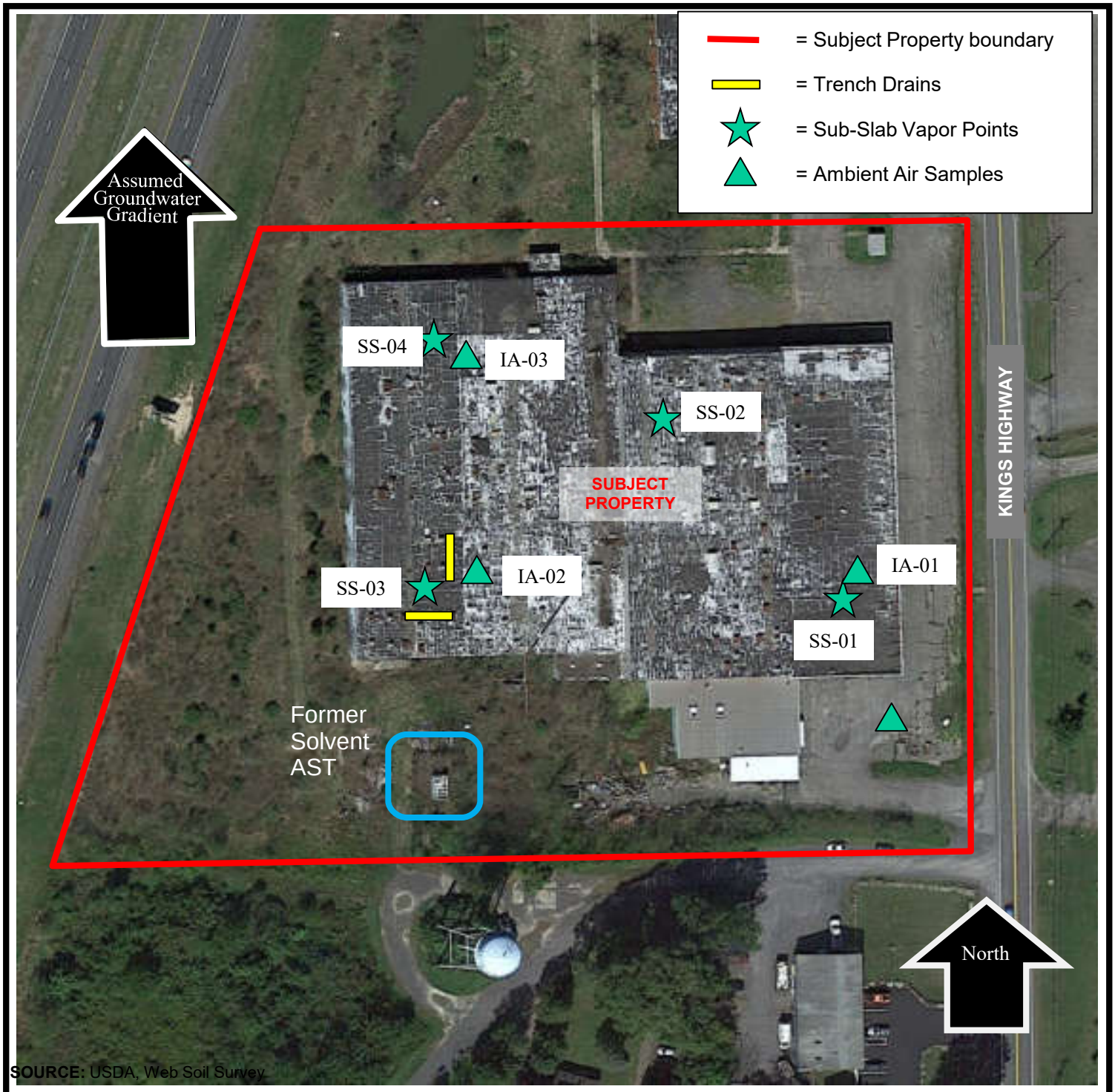


SOURCE: USGS Topographic Map, *Saugerties, New York* Quadrangle, 7.5 Minute Series, dated 2019.

ATLAS 10 Colvin Avenue, Suite 108 Albany, New York 12180		
PROJECT NO.: 183CGR2212		
		REVIEWED BY: CT
DRAWN BY: CG	DATE: 10/22	FILE: SITE LOCATION

FIGURE 1
SITE LOCATION MAP

Storage Warehouse1031 Kings HighwaySaugerties, New York



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PROJECT NO.: 183CGR2212

APPENDIX B	SCALE: N/A	REVIEWED BY: CT
DRAWN BY: CG	DATE: 08/2022	FILE: SITE PLAN

SOIL BORING LOCATION MAP

Storage Warehouse
1031 Kings Highway
Saugerties, New York

TABLES

TABLE 1
Summary of Volatile Organic Compounds Measured in Sub-Slab Soil Vapor Samples
October 6, 2022

Sample ID Lab Sample Number Sampling Date Matrix Units	NYSDOH Minimum Soil Vapor Matrix Concentration ($\mu g/m^3$) (1)	EPA Commercial Soil Vapor Screening Level (ug/m3) (2) Soil Gas	SS-01 L2255949-01 10/6/2022 Soil Vapor $\mu g/m^3$	SS-02 L2255949-02 10/6/2022 Soil Vapor $\mu g/m^3$	SS-03 L2255949-03 10/6/2022 Soil Vapor $\mu g/m^3$	SS-04 L2255949-04 10/6/2022 Soil Vapor $\mu g/m^3$
COMPOUND						
1,1,1-Trichloroethane	100	73,000	**1.38**	ND	**1400**	**68.2**
1,1,2,2-Tetrachloroethane	NS	7.0	**6.2**	ND	ND	ND
1,1,2-Trichloroethane	NS	26	ND	ND	ND	ND
1,1-Dichloroethane	NS	260	ND	ND	**41.7**	ND
1,1-Dichloroethene	6	29,000	ND	ND	**243**	ND
1,2,4-Trichlorobenzene	NS	290	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	876	ND	**2.21**	ND	ND
1,2-Dibromoethane	NS	0.68	ND	ND	ND	ND
1,2-Dichlorobenzene	NS	29,000	ND	ND	ND	ND
1,2-Dichloroethane	NS	16	ND	ND	ND	ND
1,2-Dichloropropane	NS	110	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	876	ND	**2.32**	ND	ND
1,3-Butadiene	NS	14	ND	**0.929**	ND	ND
1,4-Dichlorobenzene	NS	37	ND	ND	ND	ND
1,4-Dioxane	NS	82	ND	ND	ND	ND
2-Butanone	NS	73,000	**2.51**	**7.08**	**5.54**	**6.02**
2-Chlorotoluene	NS	NA	ND	ND	ND	ND
4-Methyl-2-Pentanone	NS	NA	ND	ND	ND	ND
4-Ethyltoluene	NS	NA	ND	ND	ND	ND
Acetone	NS	4,500,000	**46.1**	**13.7**	**26.6**	**84.6**
Benzene	NS	52	ND	**47.9**	**6.1**	**26.7**
Bromodichloromethane	NS	11	ND	ND	ND	ND
Bromoform	NS	370	ND	ND	ND	ND
Bromomethane	NS	73	ND	ND	ND	ND
Carbon Disulfide	NS	100,000	**2.69**	**0.726**	**2.14**	**2.47**
Carbon Tetrachloride	6	68	ND	ND	ND	ND
Chlorobenzene	NS	7,300	ND	ND	ND	ND
Chloroethane	NS	NA	ND	ND	ND	ND
Chloroform	NS	18	ND	ND	ND	ND
Chloromethane	NS	13,000	ND	**1.12**	ND	ND
cis-1,2-Dichloroethene	6	NA	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	102	ND	ND	ND	ND
Cyclohexane	NS	880,000	**1.44**	ND	ND	**6.51**
Dibromochloromethane	NS	NA	ND	ND	ND	ND
Dichlorodifluoromethane	NS	1,460	**2.88**	**1.95**	ND	**3.19**
Ethanol	NS	NS	**32.4**	**122**	ND	**23.9**
Ethyl Benzene	NS	164	ND	**7.47**	**8.04**	**1.16**
Heptane	NS	58,000	ND	**0.848**	ND	ND
Hexachloro-1,3-Butadiene	NS	19	ND	ND	ND	ND
Hexane	NS	2,040	ND	ND	ND	ND
m/p-Xylene	NS	15,000	**2.14**	**40.4**	**22.3**	**4.91**
Methyl tert-Butyl Ether	NS	1,570	ND	ND	ND	ND
Methylene Chloride	100	41,000	ND	ND	ND	ND
o-Xylene	NS	1,460	ND	**7.12**	**5.95**	**1.1**
Styrene	NS	150,000	ND	**22.6**	ND	**3.45**
t-1,3-Dichloropropene	NS	100	ND	ND	ND	ND
Tetrachloroethene	100	584	ND	ND	ND	ND
Tetrahydrofuran	NS	290,000	ND	**1.78**	ND	ND
Toluene	NS	73,000	**2.27**	**29**	**3.64**	**6.29**
Trichloroethene	6	29	ND	ND	ND	ND
Trichlorofluoromethane	NS	NA	**1.66**	ND	ND	**1.71**
Vinyl Chloride	6	93	ND	ND	ND	ND

Qualifiers

ND - The compound was not detected at the indicated concentration.

X* - Concentration above the USEPA Residential Screening Values.

X**- Concentration Exceeds USEPA Commercial Screening Values.

X**- Concentration Exceeds New York State Department of Health (NYSDOH) minimum soil vapor matrix value

NS - No Standard

(1) - Final NYSDOH Soil Vapor Intrusion Guidance Document (October 2006)

(2) USEPA -OSWER Vapor Intrusion Screening Levels, Version 3.5, June 2017 RSLs
Risk: Carcinogen = 1 x 10^{-6}, Non-Carcinogens THQ=1

BOLD - Compounds detected above laboratory method detection limit

TABLE 2
Summary of Volatile Organic Compounds Measured in Ambient Air Samples
October 6, 2022

Sample ID Lab Sample Number Sampling Date Matrix Units	NYSDOH Minimum Soil Vapor Matrix Concentration ($\mu g/m^3$) (1)	EPA Commercial Indoor Air Screening Level (ug/m3) (2) Ambient Air	IA-01 L2255949-01 10/6/2022 Indoor Air $\mu g/m^3$	IA-02 L2255949-02 10/6/2022 Indoor Air $\mu g/m^3$	IA-03 L2255949-03 10/6/2022 Indoor Air $\mu g/m^3$	OA-01 L2255949-04 10/6/2022 Ambient Air $\mu g/m^3$
COMPOUND						
1,1,1-Trichloroethane	3	219	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	NS	0.021	ND	ND	ND	ND
1,1,2-Trichloroethane	NS	0.088	ND	ND	ND	ND
1,1-Dichloroethane	NS	7.67	ND	ND	ND	ND
1,1-Dichloroethene	0.2	8.76	ND	ND	ND	ND
1,2,4-Trichlorobenzene	NS	0.88	ND	ND	ND	ND
1,2,4-Trimethylbenzene	NS	26.3	ND	ND	ND	ND
1,2-Dibromoethane	NS	0.024	ND	ND	ND	ND
1,2-Dichlorobenzene	NS	87.6	ND	ND	ND	ND
1,2-Dichloroethane	NS	0.47	ND	ND	ND	ND
1,2-Dichloropropane	NS	1.75	ND	ND	ND	ND
1,3,5-Trimethylbenzene	NS	26.3	ND	ND	ND	ND
1,3-Butadiene	NS	0.04	ND	ND	ND	ND
1,4-Dichlorobenzene	NS	1.11	ND	ND	ND	ND
1,4-Dioxane	NS	2.45	ND	ND	ND	ND
2-Butanone	NS	NS	ND	ND	ND	ND
2-Chlorotoluene	NS	NS	ND	ND	ND	ND
4-Methyl-2-Pentanone	NS	1310	ND	ND	ND	ND
4-Ethyltoluene	NS	NS	ND	ND	ND	ND
Acetone	NS	NS	**3.71**	**4.39**	ND	**5.46**
Benzene	NS	1.57	**0.879**	**0.971**	**1.34**	ND
Bromodichloromethane	NS	0.33	ND	ND	ND	ND
Bromoform	NS	11	ND	ND	ND	ND
Bromomethane	NS	2.19	ND	ND	ND	ND
Carbon Disulfide	NS	307	ND	ND	ND	ND
Carbon Tetrachloride	0.2	2.04	**0.604**	**0.616**	**0.552**	**0.552**
Chlorobenzene	NS	21.9	ND	ND	ND	ND
Chloroethane	NS	175	ND	ND	ND	ND
Chloroform	NS	0.53	ND	ND	ND	ND
Chloromethane	NS	39.4	**1.13**	**1.14**	**1.29**	**1.14**
cis-1,2-Dichloroethene	0.2	0.47	ND	ND	ND	ND
cis-1,3-Dichloropropene	NS	NS	ND	ND	ND	ND
Cyclohexane	NS	263	ND	ND	ND	ND
Dibromochloromethane	NS	NS	ND	ND	ND	ND
Dichlorodifluoromethane	NS	43.8	**2.77**	**3.02**	**3.12**	**2.63**
Ethanol	NS	NS	ND	ND	ND	ND
Ethyl Benzene	NS	4.91	ND	ND	ND	ND
Heptane	NS	175	ND	ND	ND	ND
Hexachloro-1,3-Butadiene	NS	0.56	ND	ND	ND	ND
Hexane	NS	61.30	ND	ND	ND	ND
m/p-Xylene	NS	43.8	ND	ND	ND	ND
Methyl tert-Butyl Ether	NS	47.2	ND	ND	ND	ND
Methylene Chloride	3	263.00	ND	ND	ND	ND
o-Xylene	NS	43.8	ND	ND	ND	ND
Styrene	NS	438	ND	ND	ND	ND
t-1,3-Dichloropropene	NS	NS	ND	ND	ND	ND
Tetrachloroethene	3	17.5	ND	ND	ND	ND
Tetrahydrofuran	NS	876	ND	ND	ND	ND
Toluene	NS	219	**2.92**	**2.14**	**1.83**	**1.13**
Trichloroethene	0.2	0.876	**0.129**	**0.167**	**0.285**	ND
Trichlorofluoromethane	NS	NS	**1.62**	**1.83**	ND	**1.33**
Vinyl Chloride	0.2	2.79	ND	ND	ND	ND

Qualifiers

ND - The compound was not detected at the indicated concentration.

X* - Concentration above the USEPA Residential Screening Values.

X**- Concentration Exceeds USEPA Commercial Screening Values.

X**- Concentration Exceeds New York State Department of Health (NYSDOH) minimum soil vapor matrix value

NS - No Standard

(1) - Final NYSDOH Soil Vapor Intrusion Guidance Document (October 2006)

(2) USEPA -OSWER Vapor Intrusion Screening Levels, Version 3.5, June 2017 RSLs
Risk: Carcinogen = 1 x 10^{-6}, Non-Carcinogens THQ=1

BOLD - Compounds detected above laboratory method detection limit

APPENDICES

ANALYTICAL REPORT

Lab Number:	L2255949
Client:	Atlas 10 Colvin Avenue Suite 108 Albany, NY 12206
ATTN:	Collene Groneman
Phone:	(631) 338-4139
Project Name:	SAUGERTIES WAREHOUSE
Project Number:	183CGR2214
Report Date:	10/14/22

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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2255949-01	SS-01	SOIL_VAPOR	SAUGERTIES NY	10/06/22 11:45	10/07/22
L2255949-02	SS-02	SOIL_VAPOR	SAUGERTIES NY	10/06/22 11:50	10/07/22
L2255949-03	SS-03	SOIL_VAPOR	SAUGERTIES NY	10/06/22 12:37	10/07/22
L2255949-04	SS-04	SOIL_VAPOR	SAUGERTIES NY	10/06/22 12:30	10/07/22
L2255949-05	IA-01	AIR	SAUGERTIES NY	10/06/22 16:45	10/07/22
L2255949-06	IA-02	AIR	SAUGERTIES NY	10/06/22 17:00	10/07/22
L2255949-07	IA-03	AIR	SAUGERTIES NY	10/06/22 17:00	10/07/22
L2255949-08	OA-04	AIR	SAUGERTIES NY	10/06/22 16:30	10/07/22

Project Name:	SAUGERTIES WAREHOUSE	**Lab Number:**	L2255949
Project Number:	183CGR2214	**Report Date:**	10/14/22

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:	SAUGERTIES WAREHOUSE	**Lab Number:**	L2255949
Project Number:	183CGR2214	**Report Date:**	10/14/22

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on October 4 and 5, 2022. The canister certification results are provided as an addendum.

L2255949-03D: The sample has elevated detection limits due to the dilution required by the elevated concentrations of target compounds in the sample.

L2255949-07D: The canister vacuum measured on receipt at the laboratory was > 15 in. Hg. Prior to sample analysis, the canisters were pressurized with UHP Nitrogen in order to facilitate the transfer of sample to the Gas Chromatograph. The addition of Nitrogen resulted in a dilution of the samples. The reporting limits have been elevated accordingly.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 10/14/22

AIR

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-01
Client ID: SS-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:45
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/22 00:10
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.582	0.200	--	2.88	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	17.2	5.00	--	32.4	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	19.4	1.00	--	46.1	2.38	--		1
Trichlorofluoromethane	0.295	0.200	--	1.66	1.12	--		1
Isopropanol	2.96	0.500	--	7.28	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	0.863	0.200	--	2.69	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	0.850	0.500	--	2.51	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-01
Client ID: SS-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:45
Date Received: 10/07/22
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								
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
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	0.253	0.200	--	1.38	1.09	--		1
Benzene	1.94	0.200	--	6.20	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	0.419	0.200	--	1.44	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	0.602	0.200	--	2.27	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

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-01
Client ID: SS-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:45
Date Received: 10/07/22
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								
p/m-Xylene	0.493	0.400	--	2.14	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
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	93		60-140
chlorobenzene-d5	104		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-02
Client ID: SS-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:50
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/22 07:48
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.395	0.200	--	1.95	0.989	--		1
Chloromethane	0.540	0.200	--	1.12	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	0.420	0.200	--	0.929	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	64.6	5.00	--	122	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	5.76	1.00	--	13.7	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	1.21	0.500	--	2.97	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	0.233	0.200	--	0.726	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.40	0.500	--	7.08	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-02
Client ID: SS-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:50
Date Received: 10/07/22
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								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.605	0.500	--	1.78	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	15.0	0.200	--	47.9	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	0.207	0.200	--	0.848	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	7.69	0.200	--	29.0	0.754	--		1
2-Hexanone	0.229	0.200	--	0.938	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.72	0.200	--	7.47	0.869	--		1

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-02
Client ID: SS-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 11:50
Date Received: 10/07/22
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								
p/m-Xylene	9.30	0.400	--	40.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	5.31	0.200	--	22.6	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.64	0.200	--	7.12	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	0.471	0.200	--	2.32	0.983	--		1
1,2,4-Trimethylbenzene	0.449	0.200	--	2.21	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	100		60-140
Bromochloromethane	100		60-140
chlorobenzene-d5	99		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-03 D
Client ID: SS-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:37
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/22 01:23
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	ND	0.667	--	ND	3.30	--		3.333
Chloromethane	ND	0.667	--	ND	1.38	--		3.333
Freon-114	ND	0.667	--	ND	4.66	--		3.333
Vinyl chloride	ND	0.667	--	ND	1.71	--		3.333
1,3-Butadiene	ND	0.667	--	ND	1.48	--		3.333
Bromomethane	ND	0.667	--	ND	2.59	--		3.333
Chloroethane	ND	0.667	--	ND	1.76	--		3.333
Ethanol	ND	16.7	--	ND	31.5	--		3.333
Vinyl bromide	ND	0.667	--	ND	2.92	--		3.333
Acetone	11.2	3.33	--	26.6	7.91	--		3.333
Trichlorofluoromethane	ND	0.667	--	ND	3.75	--		3.333
Isopropanol	ND	1.67	--	ND	4.10	--		3.333
1,1-Dichloroethene	61.2	0.667	--	243	2.64	--		3.333
Tertiary butyl Alcohol	ND	1.67	--	ND	5.06	--		3.333
Methylene chloride	ND	1.67	--	ND	5.80	--		3.333
3-Chloropropene	ND	0.667	--	ND	2.09	--		3.333
Carbon disulfide	0.686	0.667	--	2.14	2.08	--		3.333
Freon-113	2.57	0.667	--	19.7	5.11	--		3.333
trans-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333
1,1-Dichloroethane	10.3	0.667	--	41.7	2.70	--		3.333
Methyl tert butyl ether	ND	0.667	--	ND	2.40	--		3.333
2-Butanone	1.88	1.67	--	5.54	4.93	--		3.333
cis-1,2-Dichloroethene	ND	0.667	--	ND	2.64	--		3.333

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-03 D
Client ID: SS-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:37
Date Received: 10/07/22
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								
Ethyl Acetate	ND	1.67	--	ND	6.02	--		3.333
Chloroform	ND	0.667	--	ND	3.26	--		3.333
Tetrahydrofuran	ND	1.67	--	ND	4.93	--		3.333
1,2-Dichloroethane	ND	0.667	--	ND	2.70	--		3.333
n-Hexane	ND	0.667	--	ND	2.35	--		3.333
1,1,1-Trichloroethane	257	0.667	--	1400	3.64	--		3.333
Benzene	1.91	0.667	--	6.10	2.13	--		3.333
Carbon tetrachloride	ND	0.667	--	ND	4.20	--		3.333
Cyclohexane	ND	0.667	--	ND	2.30	--		3.333
1,2-Dichloropropane	ND	0.667	--	ND	3.08	--		3.333
Bromodichloromethane	ND	0.667	--	ND	4.47	--		3.333
1,4-Dioxane	ND	0.667	--	ND	2.40	--		3.333
Trichloroethene	ND	0.667	--	ND	3.58	--		3.333
2,2,4-Trimethylpentane	ND	0.667	--	ND	3.12	--		3.333
Heptane	ND	0.667	--	ND	2.73	--		3.333
cis-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
4-Methyl-2-pentanone	ND	1.67	--	ND	6.84	--		3.333
trans-1,3-Dichloropropene	ND	0.667	--	ND	3.03	--		3.333
1,1,2-Trichloroethane	ND	0.667	--	ND	3.64	--		3.333
Toluene	0.966	0.667	--	3.64	2.51	--		3.333
2-Hexanone	ND	0.667	--	ND	2.73	--		3.333
Dibromochloromethane	ND	0.667	--	ND	5.68	--		3.333
1,2-Dibromoethane	ND	0.667	--	ND	5.13	--		3.333
Tetrachloroethene	ND	0.667	--	ND	4.52	--		3.333
Chlorobenzene	ND	0.667	--	ND	3.07	--		3.333
Ethylbenzene	1.85	0.667	--	8.04	2.90	--		3.333

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-03 D
Client ID: SS-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:37
Date Received: 10/07/22
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								
p/m-Xylene	5.14	1.33	--	22.3	5.78	--		3.333
Bromoform	ND	0.667	--	ND	6.90	--		3.333
Styrene	ND	0.667	--	ND	2.84	--		3.333
1,1,2,2-Tetrachloroethane	ND	0.667	--	ND	4.58	--		3.333
o-Xylene	1.37	0.667	--	5.95	2.90	--		3.333
4-Ethyltoluene	ND	0.667	--	ND	3.28	--		3.333
1,3,5-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
1,2,4-Trimethylbenzene	ND	0.667	--	ND	3.28	--		3.333
Benzyl chloride	ND	0.667	--	ND	3.45	--		3.333
1,3-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,4-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2-Dichlorobenzene	ND	0.667	--	ND	4.01	--		3.333
1,2,4-Trichlorobenzene	ND	0.667	--	ND	4.95	--		3.333
Hexachlorobutadiene	ND	0.667	--	ND	7.11	--		3.333

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	92		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	103		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-04
Client ID: SS-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:30
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 10/12/22 02:03
Analyst: TJS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.646	0.200	--	3.19	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	12.7	5.00	--	23.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	35.6	1.00	--	84.6	2.38	--		1
Trichlorofluoromethane	0.305	0.200	--	1.71	1.12	--		1
Isopropanol	1.77	0.500	--	4.35	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.764	0.500	--	2.32	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.793	0.200	--	2.47	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	2.04	0.500	--	6.02	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-04
Client ID: SS-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:30
Date Received: 10/07/22
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								
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
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	12.5	0.200	--	68.2	1.09	--		1
Benzene	8.37	0.200	--	26.7	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.89	0.200	--	6.51	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	1.67	0.200	--	6.29	0.754	--		1
2-Hexanone	0.308	0.200	--	1.26	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	0.267	0.200	--	1.16	0.869	--		1

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-04
Client ID: SS-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 12:30
Date Received: 10/07/22
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								
p/m-Xylene	1.13	0.400	--	4.91	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.811	0.200	--	3.45	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	0.253	0.200	--	1.10	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

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	102		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-05
Client ID: IA-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:45
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/22 20:04
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	0.549	0.200	--	1.13	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	1.56	1.00	--	3.71	2.38	--		1
Trichlorofluoromethane	0.288	0.200	--	1.62	1.12	--		1
Isopropanol	ND	0.500	--	ND	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-05
Client ID: IA-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:45
Date Received: 10/07/22
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	0.343	0.200	--	1.21	0.705	--		1
Benzene	0.275	0.200	--	0.879	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	0.200	0.200	--	0.934	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	0.776	0.200	--	2.92	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-05
Client ID: IA-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:45
Date Received: 10/07/22
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	89		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	90		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-05
Client ID: IA-01
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:45
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/22 20:04
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	0.096	0.020	--	0.604	0.126	--		1
Trichloroethene	0.024	0.020	--	0.129	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	90		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-06
Client ID: IA-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/22 21:29
Analyst: TJS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.610	0.200	--	3.02	0.989	--		1
Chloromethane	0.553	0.200	--	1.14	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	1.85	1.00	--	4.39	2.38	--		1
Trichlorofluoromethane	0.325	0.200	--	1.83	1.12	--		1
Isopropanol	0.540	0.500	--	1.33	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-06
Client ID: IA-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
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	0.329	0.200	--	1.16	0.705	--		1
Benzene	0.304	0.200	--	0.971	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	0.569	0.200	--	2.14	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-06
Client ID: IA-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
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	87		60-140
Bromochloromethane	88		60-140
chlorobenzene-d5	93		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-06
Client ID: IA-02
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/22 21:29
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	0.098	0.020	--	0.616	0.126	--		1
Trichloroethene	0.031	0.020	--	0.167	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	88		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	94		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-07 D
Client ID: IA-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/22 22:11
Analyst: TJS

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.630	0.408	--	3.12	2.02	--		2.039
Chloromethane	0.626	0.408	--	1.29	0.843	--		2.039
Freon-114	ND	0.408	--	ND	2.85	--		2.039
1,3-Butadiene	ND	0.408	--	ND	0.903	--		2.039
Bromomethane	ND	0.408	--	ND	1.58	--		2.039
Chloroethane	ND	0.408	--	ND	1.08	--		2.039
Ethanol	ND	10.2	--	ND	19.2	--		2.039
Vinyl bromide	ND	0.408	--	ND	1.78	--		2.039
Acetone	ND	2.04	--	ND	4.85	--		2.039
Trichlorofluoromethane	ND	0.408	--	ND	2.29	--		2.039
Isopropanol	ND	1.02	--	ND	2.51	--		2.039
Tertiary butyl Alcohol	ND	1.02	--	ND	3.09	--		2.039
Methylene chloride	ND	1.02	--	ND	3.54	--		2.039
3-Chloropropene	ND	0.408	--	ND	1.28	--		2.039
Carbon disulfide	ND	0.408	--	ND	1.27	--		2.039
Freon-113	ND	0.408	--	ND	3.13	--		2.039
trans-1,2-Dichloroethene	ND	0.408	--	ND	1.62	--		2.039
1,1-Dichloroethane	ND	0.408	--	ND	1.65	--		2.039
Methyl tert butyl ether	ND	0.408	--	ND	1.47	--		2.039
2-Butanone	ND	1.02	--	ND	3.01	--		2.039
Ethyl Acetate	ND	1.02	--	ND	3.68	--		2.039
Chloroform	ND	0.408	--	ND	1.99	--		2.039
Tetrahydrofuran	ND	1.02	--	ND	3.01	--		2.039

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-07 D
Client ID: IA-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
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	0.408	--	ND	1.65	--		2.039
n-Hexane	ND	0.408	--	ND	1.44	--		2.039
Benzene	0.420	0.408	--	1.34	1.30	--		2.039
Cyclohexane	ND	0.408	--	ND	1.40	--		2.039
1,2-Dichloropropane	ND	0.408	--	ND	1.89	--		2.039
Bromodichloromethane	ND	0.408	--	ND	2.73	--		2.039
1,4-Dioxane	ND	0.408	--	ND	1.47	--		2.039
2,2,4-Trimethylpentane	ND	0.408	--	ND	1.91	--		2.039
Heptane	ND	0.408	--	ND	1.67	--		2.039
cis-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.039
4-Methyl-2-pentanone	ND	1.02	--	ND	4.18	--		2.039
trans-1,3-Dichloropropene	ND	0.408	--	ND	1.85	--		2.039
1,1,2-Trichloroethane	ND	0.408	--	ND	2.23	--		2.039
Toluene	0.485	0.408	--	1.83	1.54	--		2.039
2-Hexanone	ND	0.408	--	ND	1.67	--		2.039
Dibromochloromethane	ND	0.408	--	ND	3.48	--		2.039
1,2-Dibromoethane	ND	0.408	--	ND	3.14	--		2.039
Chlorobenzene	ND	0.408	--	ND	1.88	--		2.039
Ethylbenzene	ND	0.408	--	ND	1.77	--		2.039
p/m-Xylene	ND	0.816	--	ND	3.54	--		2.039
Bromoform	ND	0.408	--	ND	4.22	--		2.039
Styrene	ND	0.408	--	ND	1.74	--		2.039
1,1,2,2-Tetrachloroethane	ND	0.408	--	ND	2.80	--		2.039
o-Xylene	ND	0.408	--	ND	1.77	--		2.039
4-Ethyltoluene	ND	0.408	--	ND	2.01	--		2.039
1,3,5-Trimethylbenzene	ND	0.408	--	ND	2.01	--		2.039

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-07 D
Client ID: IA-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
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	0.408	--	ND	2.01	--		2.039
Benzyl chloride	ND	0.408	--	ND	2.11	--		2.039
1,3-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.039
1,4-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.039
1,2-Dichlorobenzene	ND	0.408	--	ND	2.45	--		2.039
1,2,4-Trichlorobenzene	ND	0.408	--	ND	3.03	--		2.039
Hexachlorobutadiene	ND	0.408	--	ND	4.35	--		2.039

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	89		60-140
chlorobenzene-d5	99		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-07 D
Client ID: IA-03
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 17:00
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/22 22:11
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	0.041	--	ND	0.104	--		2.039
1,1-Dichloroethene	ND	0.041	--	ND	0.162	--		2.039
cis-1,2-Dichloroethene	ND	0.041	--	ND	0.162	--		2.039
1,1,1-Trichloroethane	ND	0.041	--	ND	0.223	--		2.039
Carbon tetrachloride	0.088	0.041	--	0.552	0.257	--		2.039
Trichloroethene	0.053	0.041	--	0.285	0.219	--		2.039
Tetrachloroethene	ND	0.041	--	ND	0.277	--		2.039

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	91		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	99		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-08
Client ID: OA-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:30
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 10/11/22 19:22
Analyst: TJS

	ppbV			ug/m3				
Parameter	Results	RL	MDL	Results	RL	MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.531	0.200	--	2.63	0.989	--		1
Chloromethane	0.551	0.200	--	1.14	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	2.30	1.00	--	5.46	2.38	--		1
Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--		1
Isopropanol	ND	0.500	--	ND	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-08
Client ID: OA-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:30
Date Received: 10/07/22
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	0.301	0.200	--	1.13	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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-08
Client ID: OA-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:30
Date Received: 10/07/22
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	92		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

SAMPLE RESULTS

Lab ID: L2255949-08
Client ID: OA-04
Sample Location: SAUGERTIES NY

Date Collected: 10/06/22 16:30
Date Received: 10/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 10/11/22 19:22
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	0.083	0.020	--	0.522	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	92		60-140
bromochloromethane	91		60-140
chlorobenzene-d5	96		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 10/11/22 17:08

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): 05-08 Batch: WG1698154-4								
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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/22 16:29

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: WG1698155-4								
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: SAUGERTIES WAREHOUSE **Lab Number:** L2255949

Project Number: 183CGR2214 **Report Date:** 10/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/22 16:29

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: WG1698155-4								
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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214
Lab Number: L2255949
Report Date: 10/14/22

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 10/11/22 16:29

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: WG1698155-4								
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: SAUGERTIES WAREHOUSE

Project Number: 183CGR2214

Lab Number: L2255949

Report Date: 10/14/22

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05-08 Batch: WG1698154-3								
Vinyl chloride	86		-		70-130	-		25
1,1-Dichloroethene	87		-		70-130	-		25
cis-1,2-Dichloroethene	88		-		70-130	-		25
1,1,1-Trichloroethane	92		-		70-130	-		25
Carbon tetrachloride	101		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	93		-		70-130	-		25

Lab Control Sample Analysis

Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE

Project Number: 183CGR2214

Lab Number: L2255949

Report Date: 10/14/22

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: WG1698155-3								
Dichlorodifluoromethane	86		-		70-130	-		
Chloromethane	94		-		70-130	-		
Freon-114	95		-		70-130	-		
Vinyl chloride	95		-		70-130	-		
1,3-Butadiene	97		-		70-130	-		
Bromomethane	94		-		70-130	-		
Chloroethane	93		-		70-130	-		
Ethanol	95		-		40-160	-		
Vinyl bromide	84		-		70-130	-		
Acetone	95		-		40-160	-		
Trichlorofluoromethane	85		-		70-130	-		
Isopropanol	114		-		40-160	-		
1,1-Dichloroethene	95		-		70-130	-		
Tertiary butyl Alcohol	103		-		70-130	-		
Methylene chloride	98		-		70-130	-		
3-Chloropropene	103		-		70-130	-		
Carbon disulfide	90		-		70-130	-		
Freon-113	94		-		70-130	-		
trans-1,2-Dichloroethene	90		-		70-130	-		
1,1-Dichloroethane	95		-		70-130	-		
Methyl tert butyl ether	94		-		70-130	-		
2-Butanone	94		-		70-130	-		
cis-1,2-Dichloroethene	96		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE

Project Number: 183CGR2214

Lab Number: L2255949

Report Date: 10/14/22

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: WG1698155-3								
Ethyl Acetate	100		-		70-130	-		
Chloroform	95		-		70-130	-		
Tetrahydrofuran	94		-		70-130	-		
1,2-Dichloroethane	85		-		70-130	-		
n-Hexane	102		-		70-130	-		
1,1,1-Trichloroethane	97		-		70-130	-		
Benzene	95		-		70-130	-		
Carbon tetrachloride	105		-		70-130	-		
Cyclohexane	102		-		70-130	-		
1,2-Dichloropropane	104		-		70-130	-		
Bromodichloromethane	101		-		70-130	-		
1,4-Dioxane	99		-		70-130	-		
Trichloroethene	99		-		70-130	-		
2,2,4-Trimethylpentane	104		-		70-130	-		
Heptane	105		-		70-130	-		
cis-1,3-Dichloropropene	113		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	101		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	109		-		70-130	-		
Dibromochloromethane	110		-		70-130	-		
1,2-Dibromoethane	109		-		70-130	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE

Project Number: 183CGR2214

Lab Number: L2255949

Report Date: 10/14/22

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: WG1698155-3								
Tetrachloroethene	100		-		70-130	-		
Chlorobenzene	105		-		70-130	-		
Ethylbenzene	105		-		70-130	-		
p/m-Xylene	106		-		70-130	-		
Bromoform	114		-		70-130	-		
Styrene	105		-		70-130	-		
1,1,2,2-Tetrachloroethane	112		-		70-130	-		
o-Xylene	109		-		70-130	-		
4-Ethyltoluene	100		-		70-130	-		
1,3,5-Trimethylbenzene	105		-		70-130	-		
1,2,4-Trimethylbenzene	110		-		70-130	-		
Benzyl chloride	125		-		70-130	-		
1,3-Dichlorobenzene	107		-		70-130	-		
1,4-Dichlorobenzene	107		-		70-130	-		
1,2-Dichlorobenzene	102		-		70-130	-		
1,2,4-Trichlorobenzene	109		-		70-130	-		
Hexachlorobutadiene	106		-		70-130	-		

Lab Duplicate Analysis
Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 05-08 QC Batch ID: WG1698154-5 QC Sample: L2255949-05 Client ID: IA-01						
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	0.096	0.100	ppbV	4		25
Trichloroethene	0.024	0.025	ppbV	4		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1698155-5 QC Sample: L2255949-05 Client ID: IA-01						
Dichlorodifluoromethane	0.560	0.602	ppbV	7		25
Chloromethane	0.549	0.561	ppbV	2		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	ND	ND	ppbV	NC		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	1.56	1.62	ppbV	4		25
Trichlorofluoromethane	0.288	0.301	ppbV	4		25
Isopropanol	ND	ND	ppbV	NC		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	ND	ND	ppbV	NC		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	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1698155-5 QC Sample: L2255949-05 Client ID: IA-01						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	0.343	0.356	ppbV	4		25
Benzene	0.275	0.276	ppbV	0		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	0.200	0.204	ppbV	2		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	0.776	0.821	ppbV	6		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: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-08 QC Batch ID: WG1698155-5 QC Sample: L2255949-05 Client ID: IA-01						
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: SAUGERTIES WAREHOUSE

Lab Number: L2255949

Project Number: 183CGR2214

Report Date: 10/14/22

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
L2255949-01	SS-01	0319	Flow 1	10/04/22	401541		-	-	-	Pass	160	157	2
L2255949-01	SS-01	2884	6.0L Can	10/04/22	401541	L2249937-04	Pass	-29.4	-2.5	-	-	-	-
L2255949-02	SS-02	0336	Flow 1	10/04/22	401541		-	-	-	Pass	160	0.0	200
L2255949-02	SS-02	692	6.0L Can	10/04/22	401541	L2249937-04	Pass	-29.3	-1.1	-	-	-	-
L2255949-03	SS-03	0093	Flow 1	10/04/22	401541		-	-	-	Pass	160	152	5
L2255949-03	SS-03	2966	6.0L Can	10/04/22	401541	L2249937-04	Pass	-29.1	-6.9	-	-	-	-
L2255949-04	SS-04	0591	Flow 1	10/04/22	401541		-	-	-	Pass	160	156	3
L2255949-04	SS-04	3971	6.0L CAN	10/04/22	401541	L2249937-04	Pass	-29.3	-1.7	-	-	-	-
L2255949-05	IA-01	01395	Flow 4	10/05/22	401728		-	-	-	Pass	10.0	10.2	2
L2255949-05	IA-01	2785	6.0L Can	10/04/22	401541	L2249937-04	Pass	-28.6	-8.5	-	-	-	-
L2255949-06	IA-02	0963	Flow 4	10/05/22	401728		-	-	-	Pass	10.0	10.2	2
L2255949-06	IA-02	1965	6.0L Can	10/05/22	401728	L2253036-05	Pass	-29.0	-9.7	-	-	-	-
L2255949-07	IA-03	01490	Flow 4	10/05/22	401728		-	-	-	Pass	10.0	11.3	12
L2255949-07	IA-03	624	6.0L Can	10/05/22	401728	L2248284-03	Pass	-29.1	-18.9	-	-	-	-
L2255949-08	OA-04	01470	Flow 4	10/04/22	401541		-	-	-	Pass	10.0	11.7	16

Project Name: SAUGERTIES WAREHOUSE

Lab Number: L2255949

Project Number: 183CGR2214

Report Date: 10/14/22

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
L2255949-08	OA-04	1827	6.0L Can	10/05/22	401728	L2253036-05	Pass	-29.1	-8.2	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/07/22 21:21
Analyst: TS

	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
Project Number: CANISTER QC BAT
Lab Number: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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	100		60-140
Bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/07/22 21:21
Analyst: TS

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2248284
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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 **Lab Number:** L2248284

Project Number: CANISTER QC BAT **Report Date:** 10/14/22

Air Canister Certification Results

Lab ID: L2248284-03
Client ID: CAN 2834 SHELF 41
Sample Location:

Date Collected: 09/02/22 18:00
Date Received: 09/07/22
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	100		60-140
bromochloromethane	100		60-140
chlorobenzene-d5	96		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2249937
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/14/22 21:55
Analyst: RY

	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:** L2249937

Project Number: CANISTER QC BAT **Report Date:** 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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 **Lab Number:** L2249937

Project Number: CANISTER QC BAT **Report Date:** 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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: L2249937
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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: L2249937
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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	99		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2249937
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/14/22 21:55
Analyst: RY

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2249937
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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 **Lab Number:** L2249937

Project Number: CANISTER QC BAT **Report Date:** 10/14/22

Air Canister Certification Results

Lab ID: L2249937-04
Client ID: CAN 2560 SHELF 66
Sample Location:

Date Collected: 09/13/22 18:00
Date Received: 09/14/22
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	100		60-140
bromochloromethane	101		60-140
chlorobenzene-d5	100		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 09/27/22 20:10
Analyst: TS

	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
Project Number: CANISTER QC BAT
Lab Number: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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	100		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 09/27/22 20:10
Analyst: TS

	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:** L2253036

Project Number: CANISTER QC BAT **Report Date:** 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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: L2253036
Report Date: 10/14/22

Air Canister Certification Results

Lab ID: L2253036-05
Client ID: CAN 2054 SHELF 30
Sample Location:

Date Collected: 09/27/22 08:00
Date Received: 09/27/22
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	100		60-140
bromochloromethane	99		60-140
chlorobenzene-d5	97		60-140

Project Name: SAUGERTIES WAREHOUSE
Project Number: 183CGR2214

Lab Number: L2255949
Report Date: 10/14/22

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2255949-01A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2255949-02A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2255949-03A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2255949-04A	Canister - 2.7 Liter	NA	NA			Y	Absent		TO15-LL(30)
L2255949-05A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2255949-06A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2255949-07A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2255949-08A	Canister - 6 Liter	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)

*Values in parentheses indicate holding time in days

Project Name:	SAUGERTIES WAREHOUSE	**Lab Number:**	L2255949
Project Number:	183CGR2214	**Report Date:**	10/14/22

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:	SAUGERTIES WAREHOUSE	**Lab Number:**	L2255949
Project Number:	183CGR2214	**Report Date:**	10/14/22

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:	SAUGERTIES WAREHOUSE	**Lab Number:**	L2255949
Project Number:	183CGR2214	**Report Date:**	10/14/22

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

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

Date Rec'd in Lab: 10/8/22

ALPHA Job #: L2255949

Client Information

Client: Atlas
Address: 10 Colvin Ave
Albany, NY 12206
Phone: 631-338-4139
Fax: —
Email: collene.groneman@oneatlas.com

☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Saugerties Warehouse
Project Location: Saugerties NY
Project #: 183CGR2214
Project Manager: Collene Groneman
ALPHA Quote #: —

Turn-Around Time

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

Date Due: 10/16 Time: 5-day

Report Information - Data Deliverables

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

Billing Information

☑ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

ANALYSIS

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	ID Can	ID - Flow Controller	TO-15	TO-15 SIM	APH Subset Non-petroleum HCs	Fixed Gases	Sulfides & Mercaptans by TO-15	☐	Sample Comments (i.e. PID)
55949-01	SS-01	10/6	11:15	11:45	-29.59	-2.59	SV	CG	6L	8884	0319	2						
-02	SS-02		11:20	11:56	-29.71	-0.30	SV			8992 8990	0334							
-03	SS-03		12:07	12:37	-29.22	-6.30	SV			8966	0098							
-04	SS-04		8:00	12:30	-29.86	-1.94	SV			9971	591							
-05	IA-01		8:53	4:45	-29.36	-7.87	AA			2785								
-06	IA-02		9:05	5:00	-29.75	-9.00	AA			1965	0963							
-07	IA-03		9:10	5:00	-31.91	-20.55	AA			6894	1490							
-08	OA-04		8:45	4:30	-30.14	-8.04	AA			8827	0147							

*SAMPLE MATRIX CODES

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

Container Type

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any 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:
Rick Kosakowski	10/7 1020	Rick Kosakowski	10/7/22 1020
R. MacKay	10/7/22 - 10/8/22 0600	R. MacKay	10/8/22 0020 10/8/22 0600

(25-Sep-15)