2025 Annual Post-Mitigation Soil Vapor Intrusion Sampling Report

Former General Instrument Corporation Site (#130020), Hicksville, New York

Askin & Hooker, LLC

July 31, 2025

→ The Power of Commitment

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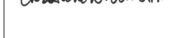
S4	0	Sarah King	Ian McNamara		Christine Albertin		7-30-25

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Scope and Limitations

This report has been prepared by GHD for Askin & Hooker, LLC; the New York State Department of Environmental Conservation; and the New York State Department of Health and may only be used and relied on by Askin & Hooker, LLC, the New York State Department of Environmental Conservation, or the New York State Department of Health for the purpose agreed between GHD, Askin & Hooker, LLC, the New York State Department of Environmental Conservation, and the New York State Department of Health.

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The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions, and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions, and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

The opinions, conclusions, and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the Site may be different from the Site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular Site conditions, such as the location of buildings, services, and vegetation. As a result, not all relevant Site features and conditions may have been identified in this report.

GHD has prepared this report on the basis of information provided by Askin & Hooker, LLC and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

List of Acronyms and Abbreviations

1,2-DCB	1,2-Dichlorobenzene
Capstone	Capstone Logistics
CFC-11	Trichlorofluoromethane
CFC-113	Trichlorotrifluoroethane
CFC-12	Dichlorodifluoromethane
cis-1,2-DCE	cis-1,2-Dichloroethene
DCB	Dichlorobenzene
EPA	Environmental Protection Agency
GHD	GHD Consulting Services Inc.
GIC	General Instrument Corporation
GTC	General Transistor Corporation
IRM	Interim Remedial Measure
ISMP	Interim Site Management Plan
Milvado	Milvado Property Group
NYSDEC	New York State Department of Environmental Conservation
NYSDOH	New York State Department of Health
OU	Operable Unit
PCE	Tetrachloroethene
ppmv	parts per million by volume
QA/QC	Quality Assurance/Quality Control
QAPP	Quality Assurance Project Plan
RI/FS	Remedial Investigation/Feasibility Study
ROD	Record of Decision
SCOs	Soil Cleanup Objectives
SSDS	Sub-Slab Depressurization System
SVE	Soil Vapor Extraction
SVI	Soil Vapor Intrusion
SVIMP	Soil Vapor Intrusion Monitoring Plan
TCE	Trichloroethene
$\mu g/m^3$	microgram per cubic meter
VC	Vinyl Chloride
VGSI	Vishay GSI, Inc.
VOCs	Volatile Organic Compounds

1. Introduction

On behalf of Vishay GSI, Inc. (VGSI), and at the request of the New York State Department of Environmental Conservation (NYSDEC), GHD Consulting Services Inc. (GHD) has prepared this report summarizing the results from the 2025 soil vapor intrusion (SVI) post-mitigation sampling event conducted at the former General Instrument Corporation (GIC) Site in Hicksville, New York (Figure 1, the 'Site'). Remedial work and on-going periodic monitoring at the Site are being conducted by VGSI, a corporate successor to GIC, in accordance with the Order on Consent (#W1-0236-88-07) signed by GIC on December 4, 1989, and the NYSDEC on January 16, 1990.

A sub-slab depressurization system (SSDS) is currently operating and mitigates the potential for SVI within the western portion of the Site building. Samples collected in 2017 and 2018 demonstrated that the system effectively mitigated the potential for volatile organic compounds (VOCs) from sub-slab soil gas to enter indoor air within the western portion of the building. As a result, on-going annual SVI monitoring events are limited to the eastern portion of the Site building, where there is no active SVI mitigation system. Specifically, samples are collected from locations IA-2, IA-6, and IA-7, as shown on Figure 2, and a corresponding upwind outdoor air sample (OA-1) in accordance with the September 2018 revised draft Interim Site Management Plan (ISMP).

In addition to annual SVI sampling, the operation of the SSDS is monitored daily via remote telemetry system reports and quarterly by visual inspections of the system components to assess its continued effective operation in accordance with the revised draft ISMP.

The 2025 post-mitigation indoor air sampling was conducted by GHD on February 27, 2025. The work was conducted in general accordance with the NYSDEC's Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York and the New York State Department of Health's (NYSDOH's) Guidance for Evaluating Soil Vapor Intrusion in the State of New York, both dated October 2006. The first quarter 2025 visual inspection was also performed on February 27, 2025.

2. Background and Site Description

The former GIC Site is located at 600 West John Street, northeast of the intersection of West John Street and Cantiague Rock Road, in Hicksville, New York (Figure 1). The approximately 8.5-acre Site is located within a light industrial section of Hicksville.

In 1959, Jerry Spiegel owned the property at 600 West John Street and entered into a lease with General Transistor Corporation (GTC), which included construction details for an approximately 50,000 square-foot manufacturing building. When GIC acquired GTC in August 1960, GIC acquired GTC's leasehold interest. Upon completion of the construction, GIC occupied the property and began transistor manufacturing in November 1960.

In 1967, GIC purchased the property from Jerry Spiegel and initiated construction of the 100,000-square-foot addition (East Wing). In 1968, GIC then constructed the second story addition over a portion of the East Wing and a 4-deck parking garage (which was later demolished). GIC sold the property to First Industrial, L.P. in December 1997, and First Industrial subsequently sold the property to 600 West John LLC in December 2000. To VGSI's understanding, 600 West John LLC is affiliated with the Milvado Property Group (Milvado) that currently manages the property.

GIC used the facility for the research, design, and manufacture of semiconductors, radar systems, and electronic equipment for both government and commercial customers from 1960 until operations ceased in 1993. After a string of corporate transactions, the power semiconductor business of GIC became an independent, publicly traded company called General Semiconductor in 1997. VGSI acquired General Semiconductor in 2001, and as such, VGSI was never a tenant, owner, or operator of the facility. Milvado currently leases the building's tenant spaces to various industrial and commercial tenants. Figure 2 presents the facility layout and occupancy, based on observations at the time of the February 2025 sampling.

Three potential areas of VOC releases were historically identified on the former GIC Site: a former 3,000-gallon underground waste solvent tank (Area A)[1], a former 1,000-gallon underground waste solvent tank (Area B), and a sump in an underground utility tunnel (Area C). A preliminary investigation was conducted in phases between 1981 and 1986 and found that chlorinated VOCs, primarily tetrachloroethene (PCE), trichloroethene (TCE), and 1,2-dichlorobenzene (1,2-DCB), had been released to groundwater.

VGSI, a corporate successor to GIC, is currently conducting all investigative and remedial work associated with the former GIC site in accordance with the Order on Consent (#W1 0236 88 07), which was signed by GIC on December 4, 1989, and the NYSDEC on January 16, 1990. The NYSDEC identifier for the Site is #130020. Under the Consent Order, GIC agreed to conduct a Remedial Investigation/Feasibility Study (RI/FS). Two operable units (OU1 and OU2) were defined: affected onsite soil is referred to as OU1 while affected groundwater is referred to as OU2.

In 1994, a soil vapor extraction (SVE) system was installed as an interim remedial measure (IRM) to address VOCs in onsite soil. In March 1997, the NYSDEC issued a Record of Decision (ROD) for OU1 requiring SVE for treatment of onsite soils. System closure testing conducted in 2001 and 2002 demonstrated that Areas B and C achieved the soil remedial goals to discontinue operation of the systems, and they were shut down. The SVE system continued to operate in Area A, with modifications completed in 2003 and 2011, until closure testing conducted in September 2012 demonstrated that the Area A system had achieved the soil remedial goals, and the system was shut down.

3. Soil Vapor Intrusion Investigation and Mitigation

SVI investigation and mitigation activities began in 2013 following achievement of the soil cleanup objectives (SCOs) and associated shut down of the final SVE system in Area A. These activities were conducted in accordance with NYSDEC and NYSDOH guidance (NYSDEC 2006, NYSDOH 2006).

Two rounds of SVI sampling were conducted in January and December 2014, and included soil gas samples, sub-slab vapor samples, indoor air samples, and outdoor air samples. The initial sample locations were determined during a pre-sampling building inspection with representatives of the NYSDEC and NYSDOH on March 13, 2013, with additional locations approved by the NYSDEC in a letter dated November 18, 2014. An evaluation of these analytical results indicated that:

– SVI mitigation was warranted in the western portion of the building.
– Observed soil gas concentrations were attributed to the regional groundwater VOC plumes that underlie the Site and the surrounding area.

Building inspections and an SVI pilot test were conducted in 2015 to gather the technical data needed to design a mitigation system. A Soil Vapor Intrusion Mitigation Plan was prepared for the Site in February 2016, detailing the results of the pilot test and presenting the design for a SSDS for the western portion of the building. The SSDS was installed and operation commenced in July 2016, with the first round of post-mitigation indoor air sampling conducted in March 2017. The post-mitigation sampling results demonstrated that the SSDS had successfully reduced the concentrations of TCE and PCE in indoor air to levels below NYSDOH guidelines and had effectively reduced the potential for VOCs from the sub-slab soil vapor to accumulate in indoor air.

In a letter dated August 29, 2017, the NYSDEC requested additional sampling during the 2017-2018 heating season. The sampling was completed in February and March 2018, and the results were reported to the NYSDEC in a letter dated August 7, 2018. The effectiveness of the SSDS was evaluated by comparing pre-mitigation (January and December 2014) and post-mitigation (March 2017, February 2018, and March 2018) results to the available NYSDOH guidelines. The post-mitigation sampling results demonstrated that the SSDS had successfully reduced indoor air

[1] Some historical reports submitted to the NYSDEC referenced Area A as a former 2,000-gallon underground waste solvent tank; however, a recent review of the historical records revealed discrepancies on the size of the former tank with reported sizes of 1,000, 2,000, and 3,000 gallons. Based on GHD's review of the record, the tank was most likely 3,000 gallons.

concentrations of TCE and PCE to levels below NYSDOH guidelines and had effectively reduced the potential for VOCs from the sub-slab soil vapor to accumulate in indoor air.

On March 5, 2018, a draft ISMP was submitted for the Site, which included a Soil Vapor Intrusion Monitoring Plan (SVIMP) as an appendix. Comments on the draft ISMP were received on August 13, 2018, from the NYSDEC and NYSDOH and a revised draft ISMP was subsequently submitted on September 17, 2018. While the revised draft ISMP has not yet been approved, compliance with the annual monitoring requirements defined in the SVIMP has begun, and include the following:

– Completion of a pre-sampling building inspection within the monitored space, including the identification of interfering conditions that could bias sampling results, and corrective measures to limit the effect of interfering conditions.
– Completion of a chemical product inventory within the monitored space.
– Collection of indoor air samples at three of the previously sampled locations (IA-2, IA-6, and IA-7 on Figure 2) within the eastern portion of the building, one outdoor air sample (OA-1) in a representative upwind location, and Quality Assurance/Quality Control (QA/QC) samples in accordance with the Site-specific Quality Assurance Project Plan (QAPP) included as an appendix to the revised draft ISMP.

4. Routine Inspections

In accordance with the revised draft ISMP, routine system inspections are to occur at least quarterly. At a minimum, the inspections are intended to be a visual review of the entire SSDS, record magnehelic gauge and differential pressure readings at each of the system's suction risers, record system operation parameters and conditions within the exterior SSDS equipment enclosure, identify leaks, identify needed repairs and/or routine maintenance, and inspect the exhaust points of the blowers to ensure that no obstructions are present and no air intakes for the Site building have been located in proximity.

Since the previous post-mitigation SVI sampling event was completed in March 2024, SSDS inspections were performed on June 18, 2024, September 25, 2024, December 17, 2024, and February 27, 2025. A system log and checklist were filled out during each of the inspections and copies are included in Appendix A for reference.

During the February 2025 inspection, it was reported that nine tenants were observed as occupying portions of the building that are mitigated by the SSDS, as shown on Figure 2. During the 2024 to 2025 reporting period, Empire Sports moved out and Teso Life moved in. Watchtower PPE Supplies Inc. (Watchtower) also moved out of its previously occupied storefront and was replaced by Gold Medal Bakery. Watchtower continues to lease the warehouse space.

Observations during the routine inspections and information in the SSDS daily logs generally showed that the system was running throughout the reporting period. There were no notable changes in conditions at the Site reported during the inspections.

The system required the following non-routine maintenance during this reporting period:

– On December 17, 2024, a broken elbow was identified on Header CD. The broken components were replaced the same day, and the system was restored to normal operating conditions.

As a preventative measure and to equally operate both blowers, the active SSDS blowers had been periodically manually switched. However, since March 13, 2024, the system has been operating on Blower 2 only while a replacement for Blower 1, which failed in March 2024, can be obtained and installed.

Visual inspections will continue to occur and identified maintenance items will be addressed as needed. Pertinent findings and repair documentation will be summarized in future reports.

5. 2025 Post-Mitigation Monitoring Event

In accordance with the SVIMP, GHD requested (via email to Milvado) that building occupants should make a reasonable effort to avoid the following activities for 24 hours prior to sampling, if feasible while still accommodating their daily operations:

– Opening any windows or vents
– Operating ventilation fans unless special arrangements are made
– Smoking in the building
– Painting
– Operating or storing automobiles or other vehicles in the building
– Allowing containers of gasoline or oil to remain within the building
– Cleaning floors or other fixtures with petroleum- or oil-based products
– Using air fresheners, scented candles, or odor eliminators
– Engaging in activities that use materials containing volatile chemicals
– Applying pesticides
– Using building repair or maintenance products

5.1 Pre-Sampling Inspection, Building Description, and Occupancy

On February 27, 2025, GHD completed the pre-sampling building inspection and product inventory[2] in accordance with Section 2.11 of the NYSDOH 2006 guidance and the Site's SVIMP. The completed indoor air quality questionnaire is provided in Appendix B and the Chemical Product Inventory Forms are presented in Appendix C. The building layout presented in Figure 2 incorporates the findings of building inspections conducted at the Site since 2013, as reported by others, and also identifies current building tenants (based on confirmation from the building manager at the time of post-mitigation indoor air sampling in February 2025).

The building is constructed of concrete block walls with a corrugated metal ceiling. The flooring is concrete slab-on-grade with no basements, except for a subgrade utility tunnel that runs north to south under the eastern portion, approximately 120 feet west of the eastern building wall. The building is presumed to have concrete wall and column footers extending to approximately 5 feet below grade. Warehouse space located within the monitored portion of the building is equipped with a series of natural-gas-fired overhead space heaters and roof-mounted ventilation units. This portion of the building also has overhead doors that are routinely left open and through which petroleum-powered vehicles enter and exit to load and unload throughout the day.

During the February 2025 sampling event, Capstone Logistics (Capstone) occupied the entirety of the eastern warehouse space outside of the SVI mitigation area.

The pre-sampling inspection was limited to the portion of the building occupied by Capstone and revealed the following potential sources of interference within this portion of the building (Appendix B and Appendix C):

– Petroleum-powered vehicles driven within the Capstone occupied portion of the building. Capstone previously reported that up to 60 vehicles may be present within the building throughout a workday. Vehicles were observed to be entering and exiting and present within the Capstone portion of the building throughout the sampling event.
– Natural gas-fired overhead heaters present within the space.

[2] A chemical product inventory was completed only within the eastern portion of the building where indoor air samples are collected. The product inventory does not include any products packaged for distribution within the Capstone occupied space, only products visible in proximity of sampling locations.

– Household cleaning products reportedly periodically used, primarily within the bathrooms of the space.
– Commercially available air fresheners used occasionally by Capstone.
– Bathroom exhaust fans located within the Capstone portion of the building that vent to the exterior of the building.
– An ABC fire extinguisher containing monoammonium phosphate.

5.2 Post-Mitigation Sampling

On February 27, 2025, one outdoor air (OA-1) and three indoor air samples (IA-2, IA-6, and IA-7) were collected at the Site. The indoor air sampling locations were chosen to match the locations where the pre-mitigation samples were collected. The results of these sampling events are discussed in Section 5.5. The outdoor air sample location varies from one sampling event to the next as it is selected to be upwind of the building based on field observations at the time of sampling. The outdoor air sample during the 2025 sampling event was located at the north end of the property. The outdoor air sample was collected concurrently with the indoor air samples to evaluate the potential influence, if any, of outdoor air quality on indoor air quality. Samples taken during the February 2025 event were collected using the same sampling protocols and analyzed using the same methods used during the previous post-mitigation monitoring events. QA/QC samples collected during the sampling event included one trip blank and one blind field duplicate. The blind field duplicate sample was collected at the IA-7 sample location in the south-central portion of the building.

During sampling, GHD observed cargo deliveries from semi-trailers backed up to the loading docks on the north end of the building and distribution activities within the monitored portion of the building, similar to the activities noted during previous sampling events. The trailer contents were offloaded using propane-fueled forklifts and hand-operated pallet jacks. Deliveries were sorted and loaded into petroleum-powered cargo vans inside the building for transport to their destinations. During the chemical inventory and sampling, PID readings recorded by GHD were 0 parts per million by volume (ppmv).

5.3 Sampling Procedures

Indoor and outdoor air samples were collected from approximately three to five feet above the floor/ground surface to be representative of the typical breathing zone. Samples were collected using evacuated and laboratory individually-certified clean 6-liter Summa canisters fitted with dedicated flow controllers pre-set by the laboratory to collect the samples over an 8-hour duration. Initial gauge vacuum readings were recorded for each canister upon commencement of sampling. After 8 hours, the regulators were disconnected from the canisters, and the sample names, locations, times and dates of collection, regulator and canister numbers, and the analytical method were recorded on the canisters, chain-of-custody forms, and on the field logs.

To evaluate the potential for sample cross-contamination during shipment or collection, a laboratory-prepared trip blank also accompanied the canisters from the laboratory to the field and from the field to the laboratory. The trip blank was analyzed for the same analytes as the samples.

5.4 Sample Analysis

Samples from the February 2025 event were shipped under ambient conditions and chain-of-custody procedures to Pace Analytical of Mansfield, Massachusetts, a NYSDOH Environmental Laboratory Approval Program-approved laboratory. The samples were analyzed for VOCs, including dichlorobenzenes (DCBs), within applicable holding times using United States Environmental Protection Agency (EPA) Method TO-15. The minimum reporting limits requested using EPA Method TO-15 were based on the lowest concentrations utilized by the NYSDOH matrices and included:

– no greater than 0.20 micrograms per cubic meter (µg/m^3) for TCE, cis-1,2-DCE, VC, 1,1-dichloroethene, and carbon tetrachloride
– no greater than 2 µg/m^3 for benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, and o-xylene

– no greater than 3 µg/m^3 for tetrachloroethene, 1,1,1-trichloroethane, and methylene chloride
– no greater than 6 µg/m^3 for m,p-xylene
– no greater than 19 µg/m^3 for heptane, hexane, and toluene
– no greater than 1 µg/m^3 for all other VOCs, where applicable.

The data were reviewed by a GHD chemist not directly involved in the collection or laboratory analysis of the samples. A copy of the laboratory analytical report is provided in Appendix D and a copy of the Data Validation Report is provided in Appendix E.

Data validation of the February 2025 samples determined that the analytical results provided by the laboratory were generally acceptable as reported, except for:

– benzyl chloride results (in all samples) that were qualified as estimated non-detects due to outlying initial calibration results
– naphthalene results (in samples IA-7 and OA-1) that were qualified as estimated non-detects due to outlying continuing calibration results
– PCE results (in all samples) that were qualified as non-detect due to analyte concentrations in the method blanks
– 4-ethyl toluene results (in samples IA-2, IA-6, and IA-7) that were qualified as having estimated concentrations potentially biased high due to outlying laboratory control sample results

It is noted that naphthalene and PCE results, prior to being qualified, did not exceed available guidance values and there are no available guidance values for benzyl chloride or 4-ethyl toluene. Validation results were used to update the tables included in this report.

5.5 Analytical Results and Discussion

Table 1 presents the February 2025 and historical laboratory analytical results of the samples and compares the concentrations to the available NYSDOH Guidance Levels for volatile chemicals in air[3], which includes values for TCE, PCE, and methylene chloride, and the NYSDOH Immediate Action Levels for volatile chemicals in air, which includes values for PCE and TCE. In addition, the NYSDOH matrices concentrations for indoor air which could lead to a recommendation for further action depending on sub-slab soil vapor concentrations are included on Table 1 for comparison. Although not directly applicable as the matrices are intended to be used as a comparison between VOC concentrations detected in sub-slab soil vapor samples and those detected in indoor air samples, they do provide some context for whether mitigation in the building should be further assessed.

Figure 2 summarizes the results for PCE and TCE for both the pre-mitigation (January and December 2014) and the 2017 through 2025 post-mitigation sampling events.

PCE, cis-1,2-dichloroethene (cis-1,2-DCE), vinyl chloride (VC), and 1,2-DCB were not detected above laboratory method detection limits in the February 2025 samples. TCE was detected in the sample from location IA-6 at an estimated concentration of 0.065 µg/m^3.

The following compounds included on the NYSDOH matrices were detected above laboratory method detection limits in each of the February 2025 indoor air samples:

– 1,2,4-Trimethylbenzene
– 1,3,5-Trimethylbenzene
– 2,2,4-Trimethylpentane
– Benzene
– Carbon tetrachloride

[3] Available ambient air guidance values were most recently updated in the February 2024 Updates to Soil Vapor / Indoor Air Decision Matrices. Immediate response guidelines were updated for TCE in August 2015 and for PCE in September 2013. The guidance values can be found here: https://www.health.ny.gov/environmental/indoors/vapor_intrusion/update.htm

– Cyclohexane
– Ethylbenzene
– Hexane
– m&p-Xylenes
– Methylene chloride
– N-Heptane
– o-Xylene
– Toluene

None of these compounds require further action based on the detected indoor air concentrations as compared to their respective matrices or guidance values. Concentrations were generally below 10 µg/m^3 with the exception of toluene, which had concentrations that ranged from 10.9 to 17.1 µg/m^3 (well below the 50 µg/m^3 concentration at which action could potentially be recommended) and hexane in the blind field duplicate sample from IA-7 at a concentration of 12.5 µg/m^3 (below the 20 µg/m^3 concentration at which action could potentially be recommended).

Other compounds not included and the matrices or with no corresponding NYSDOH guidance values that were detected in at least one of the indoor air samples include acetone, 1,3-butadiene, 2-butanone (MEK), 4-ethyl toluene, CFC-11, CFC-12, CFC-113, chloroform (trichloromethane), chloromethane (methyl chloride), ethanol, isopropyl alcohol, and styrene. Detected concentrations for these compounds were generally below 10 µg/m^3 except for isopropyl alcohol, ethanol, and acetone, which were within the range of concentrations typically detected for these compounds during historical sampling events.

6. Conclusions

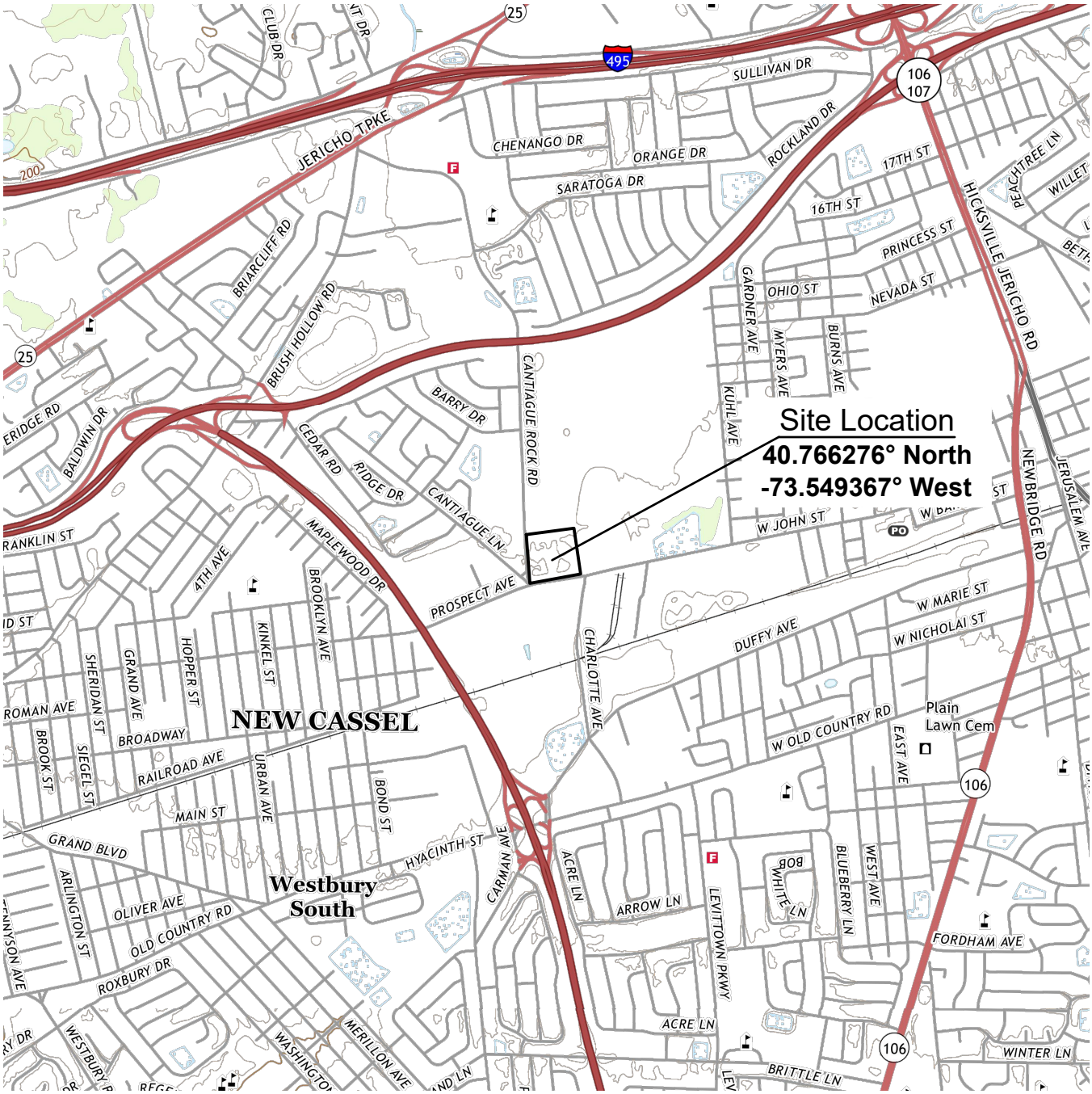
The laboratory analytical results of the February 2025 sampling event continue to demonstrate that the conditions in the unmitigated portion of the Site building do not warrant further assessment or mitigation. Given the long-term trends of no, or minimal, Site-related COC detections in indoor air samples collected in the unmitigated portion of the Site building (apart from the 2024 findings that appear to have been anomalous and outdoor air influenced), it is recommended that the indoor air sampling requirement for the Site be discontinued.

Until such time as NYSDEC and NYSDOH agree with the discontinuation of indoor air monitoring, the requirements in the current draft ISMP and SVIMP will be complied with. As a result, the next annual sampling event is currently anticipated to occur during the 2025-2026 heating season (i.e., November 2025 to March 2026).

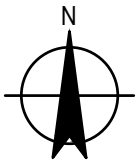
7. References

– NYSDEC (2006). Strategy for Evaluating Soil Vapor Intrusion at Remedial Sites in New York. October.
– NYSDOH (2006). Guidance for Evaluating Soil Vapor Intrusion in the State of New York. October and subsequent addenda.
– WSP (2016). Soil Vapor Intrusion Mitigation Plan, Former General Instrument Corporation Site, Hicksville, New York. February 25.
– WSP (2017). Sub-Slab Depressurization System Construction Completion Report – Revision No. 1, Former General Instrument Corporation Site, Hicksville, New York. September 29.
– WSP (2018). Interim Site Management Plan, NYSDEC Site Number: 130020, USEPA ID #NYD0001095363. March.

Figures



CONTOUR INTERVALS: 20 FEET (NORTH)
AND 5 FEET (SOUTH)
MAPS TAKEN FROM: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLES:
HICKSVILLE, NY (2019) AND FREEPORT, NY (2019)
(http://store.usgs.gov/b2c_usgs/usgs/maplocator)



0 1000 2000 3000 4000'

SCALE 1"=2000' AT ORIGINAL SIZE

ASKIN & HOOKER, LLC
FORMER GENERAL INSTRUMENT CORPORATION SITE
HICKSVILLE, NY
2025 ANNUAL POST-MITIGATION
SVI SAMPLING REPORT

SITE LOCATION MAP

Project No. **12601467**
Date **05.2025**

FIGURE 1

Filename: \\ghdnet\ghd\US\Cazenovia\Projects\564\12601467\Digital_Design\ACAD\Figures\12601467-FIG01-2025 SVI Report.dwg
Plot Date: 01 May 2025 11:05 AM

LEGEND

CHAIN LINK FENCE

BUILDING COLUMN

SUB-SLAB DEPRESSURIZATION EXTRACTION POINT

MITIGATION AREA

SS-6/IA-6 ■ INDOOR AIR MONITORING POINT

NOTES:

1. BUILDING CONSTRUCTION SURVEYS WERE CONDUCTED BY WSP ON AUGUST 21, 2015 AND SEPTEMBER 11, 2015.
2. SAMPLE LOCATIONS ARE APPROXIMATE AND HAVE NOT BEEN SURVEYED.
3. INTERIOR WALLS ADJACENT TO SSD-D2 ARE APPROXIMATE AND HAVE NOT BEEN SURVEYED.
4. BUILDING LAYOUT, OCCUPANTS, AND LEASED SPACES BASED ON FEBRUARY 2025 OCCUPANCY.
5. A SUB-SLAB DEPRESSURIZATION SYSTEM (ASSOCIATED EXTRACTION POINTS SHOWN) WAS INSTALLED BETWEEN MAY AND JULY 2016 TO MITIGATE POTENTIAL VAPOR INTRUSION IN THE MITIGATION AREA SHOWN. SYSTEM STARTUP OCCURRED IN JULY 2016.
6. ALL CONCENTRATIONS ARE IN MICROGRAMS PER CUBIC METER (ug/m^3).
7. J FLAG INDICATES DETECTED CONCENTRATION IS AN ESTIMATE.
8. ND INDICATES ANALYTE WAS NON-DETECT AT THE LABORATORY REPORTING LIMIT.
9. PCE = TETRACHLOROETHENE; TCE =TRICHLOROETHENE

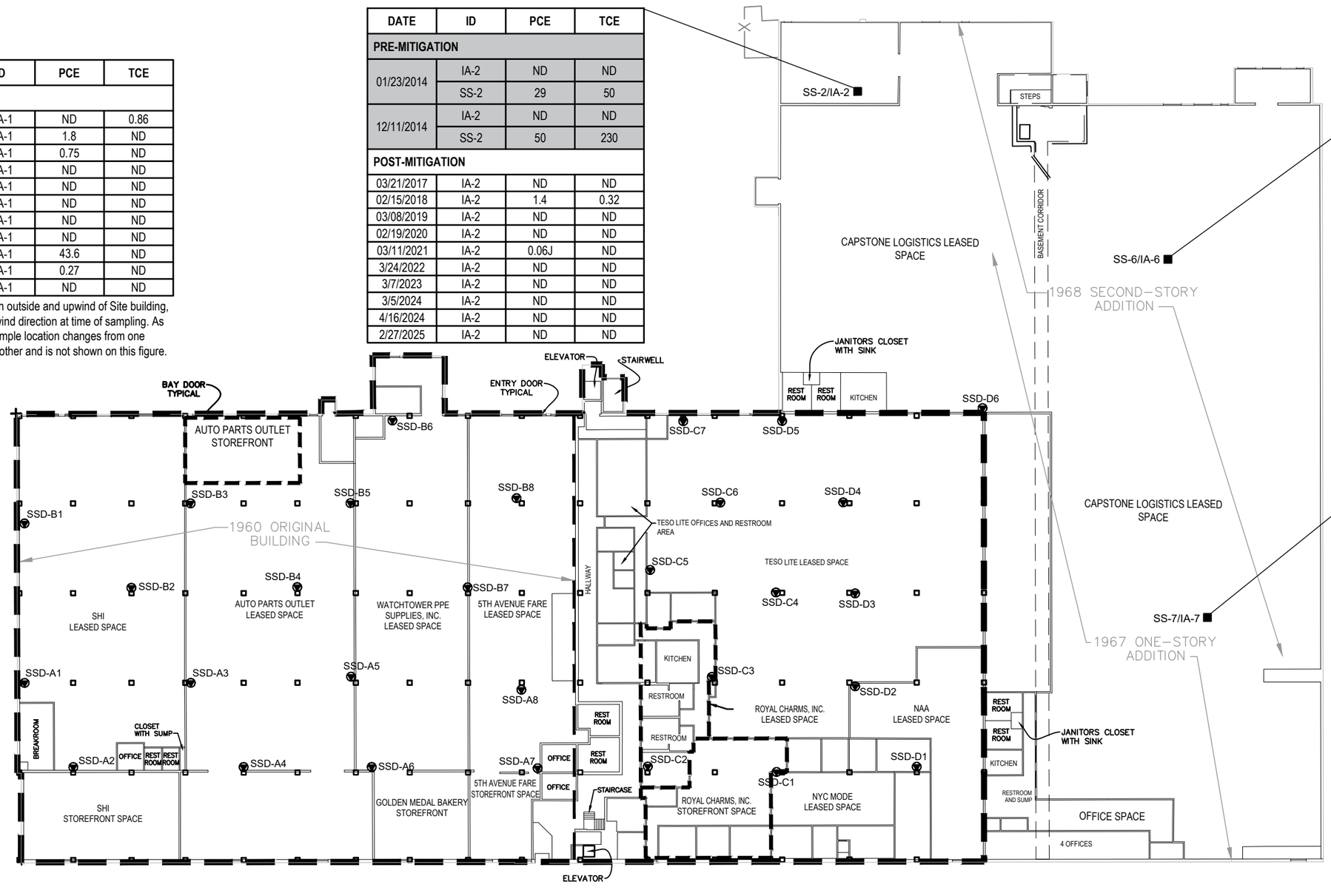
DATE	ID	PCE	TCE
POST-MITIGATION			
03/21/2017	OA-1	ND	0.86
02/15/2018	OA-1	1.8	ND
03/08/2019	OA-1	0.75	ND
03/26/2019	OA-1	ND	ND
02/19/2020	OA-1	ND	ND
3/11/2021	OA-1	ND	ND
3/24/2022	OA-1	ND	ND
3/7/2023	OA-1	ND	ND
3/5/2024	OA-1	43.6	ND
4/16/2024	OA-1	0.27	ND
2/27/2025	OA-1	ND	ND

OA-1 Sample location outside and upwind of Site building, based on observed wind direction at time of sampling. As a result, the exact sample location changes from one sampling event to another and is not shown on this figure.

DATE	ID	PCE	TCE
PRE-MITIGATION			
01/23/2014	IA-2	ND	ND
	SS-2	29	50
12/11/2014	IA-2	ND	ND
	SS-2	50	230
POST-MITIGATION			
03/21/2017	IA-2	ND	ND
02/15/2018	IA-2	1.4	0.32
03/08/2019	IA-2	ND	ND
02/19/2020	IA-2	ND	ND
03/11/2021	IA-2	0.06J	ND
3/24/2022	IA-2	ND	ND
3/7/2023	IA-2	ND	ND
3/5/2024	IA-2	ND	ND
4/16/2024	IA-2	ND	ND
2/27/2025	IA-2	ND	ND

DATE	ID	PCE	TCE
PRE-MITIGATION			
12/12/2014	IA-6	ND	0.27
	SS-6	54	140
POST-MITIGATION			
03/21/2017	IA-6	ND	ND
03/06/2018	IA-6	ND	ND
03/08/2019	IA-6	ND	ND
02/19/2020	IA-6	ND	ND
3/11/2021	IA-6	ND	ND
3/24/2022	IA-6	ND	ND
3/7/2023	IA-6	ND	ND
3/5/2024	IA-6	35.7	0.838
4/16/2024	IA-6	ND	ND
2/27/2025	IA-6	ND	0.065J

DATE	ID	PCE	TCE
PRE-MITIGATION			
12/12/2014	IA-7	ND	0.27
	SS-7	15	20
POST-MITIGATION			
03/21/2017	IA-7	ND	ND
03/06/2018	IA-7	ND	ND
03/08/2019	IA-7	0.88J	13J
03/26/2019	IA-7	ND	ND
02/19/2020	IA-7	ND	ND
03/11/2021	IA-7	ND	ND
3/24/2022	IA-7	ND	ND
3/7/2023	IA-7	ND	ND
3/5/2024	IA-7	5.70	ND
3/5/2024	IA-7 (Dup)	3.99	ND
4/16/2024	IA-7	ND	ND
4/16/2024	IA-7 (Dup)	ND	ND
2/27/2025	IA-7	ND	ND
2/27/2025	IA-7 (Dup)	ND	ND



N

0 25 50 75 100'

SCALE 1"=50' AT ORIGINAL SIZE

GHD

ASKIN & HOOKER, LLC
FORMER GENERAL INSTRUMENT CORPORATION SITE
HICKSVILLE, NY
2025 ANNUAL POST-MITIGATION SVI SAMPLING REPORT

BUILDING LAYOUT AND INTERIOR SVI RESULTS FOR PCE AND TCE

Project No. **12601467**
Date **05.2025**

FIGURE 2

Filename: \\ghdnet\ghd\US\Cazenovia\Projects\564\12601467\Digital_Design\ACAD\Figures\12601467-FIG02-2025 SVI Report.dwg
Plot Date: 29 May 2025 11:16 AM

Tables

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-2	IA-2	IA-2	IA-2
			Sample ID:	IA-2	IA-2	IA-2	IA-2
			Sample Date:	12/12/2014	03/21/2017	02/15/2018	03/08/2019
			Sample Type:				
			Matrix Code:	AI	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**				
Volatile Organic Compounds (ug/m^3)							
1,1,1-Trichloroethane			10 (E)	0.82 U	0.82 U	--	--
1,1,2,2-Tetrachloroethane				1 U	--	--	--
1,1,2-Trichloroethane				0.82 U	--	--	--
1,1-Dichloroethane			1 (D)	0.61 U	--	--	--
1,1-Dichloroethene				0.59 U	--	--	--
1,2,4-Trichlorobenzene				1.1 U	1.1 U	--	--
1,2,4-Trimethylbenzene			10 (G)	0.54 J	2.6	2	0.74 U
1,2-Dibromoethane (Ethylene dibromide)				1.2 U	--	--	--
1,2-Dichlorobenzene				0.9 U	0.9 U	--	--
1,2-Dichloroethane				0.61 U	--	--	--
1,2-Dichloroethene (total)				--	--	--	--
1,2-Dichloropropane				0.69 U	--	--	--
1,2-Dichlorotetrafluoroethane (CFC 114)				1 U	--	--	--
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.93	0.74	0.74 U
1,3-Butadiene				0.33 U	--	--	--
1,3-Dichlorobenzene				0.9 U	--	--	--
1,4-Dichlorobenzene				0.9 U	--	--	--
1,4-Dioxane				1.1 U	--	--	--
2,2,4-Trimethylpentane			10 (G)	0.7 U	5.7 J	2.8	0.7 U
2-Butanone (MEK)				0.94	1.4 J	2	0.88 U
2-Chlorotoluene				--	--	--	--
2-Hexanone				1.2 U	1.2 U	--	1.2 U
2-Phenylbutane (sec-Butylbenzene)				--	--	--	--
4-Ethyl toluene				0.74 U	1	0.64 J	0.74 U
4-Methyl-2-pentanon (MIBK)				1.2 U	1.2 J	0.45 J	1.2 UJ
Acetone				7	24	17	7.1 J
Allyl chloride				0.47 U	--	--	--
Benzene			10 (G)	0.51	7.7 J	4.9	0.61
Benzyl chloride				0.86 U	--	--	--
Bromodichloromethane				1 U	--	--	--
Bromoform				1.6 U	--	--	--
Bromomethane (Methyl bromide)				0.58 U	--	0.58 U	--
Butane				--	--	--	--
Carbon disulfide				0.47 U	0.47 U	--	--
Carbon tetrachloride			1 (D)	0.5	0.38	0.44	0.19 U
Chlorobenzene				0.69 U	--	--	--
Chlorodifluoromethane				--	--	--	--
Chloroethane				0.4 U	--	--	--
Chloroform (Trichloromethane)				0.73 U	0.73 U	--	--
Chloromethane (Methyl chloride)				0.97	0.89 J	0.97	0.85
cis-1,2-Dichloroethene			1 (D)	0.59 U	0.59 U	--	0.16 U
cis-1,3-Dichloropropene				0.68 U	--	--	--
Cyclohexane			10 (G)	0.52 U	2.4 J	1.1	0.52 U
Cymene (p-Isopropyltoluene)				--	--	--	--
Dibromochloromethane				1.3 U	--	--	--
Dichlorodifluoromethane (CFC-12)				2.8	1.8 J	2.4	2.4
Ethanol				--	--	--	--
Ethyl acetate				0.9 U	0.54 U	1.3	0.54 U
Ethylbenzene			10 (G)	0.65 U	3.2 J	1.7	0.65 U
Hexachlorobutadiene				1.6 U	--	--	--
Hexane			20 (H)	0.53 U	7.1 J	3.9	0.53 U
Isopropyl alcohol				2.2	9.8 J	4.9	0.37 U
Isopropyl benzene				--	--	--	--
m&p-Xylenes			20 (H)	0.69 UJ	--	--	--
Methyl methacrylate				0.69 J	10 J	5.7	1.3 U
Methyl tert butyl ether (MTBE)				0.54 U	0.54 U	--	--
Methylene chloride	60		10 (E)	0.52 U	1.1 J	1.6	0.52
Naphthalene			10 (G)	--	--	--	--
N-Butylbenzene				--	--	--	--
N-Heptane			20 (H)	0.4 J	3.6 J	2.1	0.61 U
N-Propylbenzene				--	--	--	--
o-Xylene			10 (G)	0.65 U	3.9 J	2.1	0.65 U
Propylene (propene)				0.26 U	--	--	--
Styrene				0.64 U	0.51 J	0.64 U	0.64 U
tert-Butyl alcohol				--	--	--	--
tert-Butylbenzene				--	--	--	--
Tetrachloroethene	30	300	10 (E)	1 U	1 U	1.4	1 U
Tetrahydrofuran				0.44 U	0.44 U	0.44 U	--
Toluene			50 (I)	2	15	11 J	0.57 U
trans-1,2-Dichloroethene				0.59 U	0.59 U	0.59 U	--
trans-1,3-Dichloropropene				0.68 U	--	--	--
Trichloroethene	2	20	1 (D)	0.21 U	0.21 U	0.32	0.16 U
Trichlorofluoromethane (CFC-11)				1.5	1.5	1.6	1.1
Trifluorotrichloroethane (CFC-113)				1.1 U	1.1 U	--	--
Vinyl acetate				0.53 U	--	--	--
Vinyl bromide (Bromoethene)				0.66 U	--	--	--
Vinyl chloride			0.2 (F)	0.1 U	--	--	--
Xylenes (total)				--	--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-2	IA-2	IA-2
			Sample ID:	IA-2	IA2-11219404-031121-BP-003	IA2-11219404-031121-BP-004
			Sample Date:	02/19/2020	03/11/2021	03/11/2021
			Sample Type:			Duplicate
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	--	0.2 U	0.2 U
1,1,2,2-Tetrachloroethane				--	0.29 U	0.29 U
1,1,2-Trichloroethane				--	0.2 U	0.2 U
1,1-Dichloroethane			1 (D)	--	0.17 U	0.17 U
1,1-Dichloroethene				--	0.15 U	0.15 U
1,2,4-Trichlorobenzene				--	1.6 U	1.6 U
1,2,4-Trimethylbenzene			10 (G)	--	2.2 J	0.22 UJ
1,2-Dibromoethane (Ethylene dibromide)				--	0.38 U	0.38 U
1,2-Dichlorobenzene				--	0.58 U	0.58 U
1,2-Dichloroethane				--	0.13 U	0.13 U
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				--	0.15 U	0.15 U
1,2-Dichlorotetrafluoroethane (CFC 114)				--	0.24 U	0.24 U
1,3,5-Trimethylbenzene			10 (G)	--	0.69 J	0.19 UJ
1,3-Butadiene				--	1.2	1.3
1,3-Dichlorobenzene				--	0.66 U	0.66 U
1,4-Dichlorobenzene				--	0.72 U	0.72 U
1,4-Dioxane				--	0.3 U	0.3 U
2,2,4-Trimethylpentane			10 (G)	--	4.1	4.2
2-Butanone (MEK)				0.44 J	1.4 J	2.1
2-Chlorotoluene				--	0.22 U	0.22 U
2-Hexanone				--	0.2 U	0.38 J
2-Phenylbutane (sec-Butylbenzene)				--	0.19 U	0.19 U
4-Ethyl toluene				--	0.64 J	0.2 U
4-Methyl-2-pentanon (MIBK)				--	0.15 U	0.15 U
Acetone				6.9 J	18	22
Allyl chloride				--	0.2 U	0.2 U
Benzene			10 (G)	0.73	5.1	5.5
Benzyl chloride				--	0.44 U	0.44 U
Bromodichloromethane				--	0.23 U	0.23 U
Bromoform				--	0.5 U	0.5 U
Bromomethane (Methyl bromide)				--	0.2 U	0.2 U
Butane				--	38	40
Carbon disulfide				--	0.23 J	0.32 J
Carbon tetrachloride			1 (D)	0.5	0.46	0.51
Chlorobenzene				--	0.26 U	0.26 U
Chlorodifluoromethane				--	1.3 J	1.4 J
Chloroethane				--	0.14 U	0.14 U
Chloroform (Trichloromethane)				--	0.24 J	0.26 J
Chloromethane (Methyl chloride)				0.97	1.4	1.6
cis-1,2-Dichloroethene			1 (D)	--	0.18 UJ	0.18 UJ
cis-1,3-Dichloropropene				--	0.15 U	0.15 U
Cyclohexane			10 (G)	--	1.8	2
Cymene (p-Isopropyltoluene)				--	0.45 J	0.21 U
Dibromochloromethane				--	0.31 U	0.31 U
Dichlorodifluoromethane (CFC-12)				2.6	2.3 J	2.6
Ethanol				--	79	78
Ethyl acetate				--	--	--
Ethylbenzene			10 (G)	--	2	1.3
Hexachlorobutadiene				--	0.81 U	0.81 U
Hexane			20 (H)	0.53 U	5.3 U	5.9 U
Isopropyl alcohol				1.1	4.8 J	5 J
Isopropyl benzene				--	0.17 U	0.17 U
m&p-Xylenes			20 (H)	--	6.4 J	2.9 J
Methyl methacrylate				1 J	0.14 U	0.14 U
Methyl tert butyl ether (MTBE)				--	0.12 U	0.12 U
Methylene chloride	60		10 (E)	0.49 J	0.94 U	0.94 U
Naphthalene			10 (G)	--	0.89 U	0.89 U
N-Butylbenzene				--	0.21 U	0.21 U
N-Heptane			20 (H)	0.61 U	2.8	2.8
N-Propylbenzene				--	0.19 U	0.19 U
o-Xylene			10 (G)	--	2.4 J	0.84 J
Propylene (propene)				--	--	--
Styrene				--	0.4 J	0.17 UJ
tert-Butyl alcohol				--	0.12 U	0.17 J
tert-Butylbenzene				--	0.19 U	0.19 U
Tetrachloroethene	30	300	10 (E)	--	0.41 J	0.37 J
Tetrahydrofuran				--	0.19 U	0.19 U
Toluene			50 (I)	1.1	11	9.7
trans-1,2-Dichloroethene				--	0.17 U	0.17 U
trans-1,3-Dichloropropene				--	0.18 U	0.18 U
Trichloroethene	2	20	1 (D)	--	0.19 U	0.19 U
Trichlorofluoromethane (CFC-11)				1.2	1.5	1.7
Trifluorotrichloroethane (CFC-113)				--	0.57 J	0.62 J
Vinyl acetate				--	--	--
Vinyl bromide (Bromoethene)				--	0.23 U	0.23 U
Vinyl chloride			0.2 (F)	--	0.11 U	0.11 U
Xylenes (total)				--	8.8	3.74

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-2	IA-2	IA-2
			Sample ID:	AS-11219404-032422-KH-001	IA2-12601467-030723-BP-003	IA2-12601467-030723-BP-004
			Sample Date:	03/24/2022	03/07/2023	03/07/2023
			Sample Type:			Duplicate
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	0.82 U	1.1 U	1.1 U
1,1,2,2-Tetrachloroethane				1 U	1.4 U	1.4 U
1,1,2-Trichloroethane				0.82 U	1.1 U	1.1 U
1,1-Dichloroethane			1 (D)	0.61 U	0.81 U	0.81 U
1,1-Dichloroethene				0.16 U	0.79 U	0.79 U
1,2,4-Trichlorobenzene				1.1 U	3.7 U	3.7 U
1,2,4-Trimethylbenzene			10 (G)	0.59 J	1.5	0.65 J
1,2-Dibromoethane (Ethylene dibromide)				1.2 U	1.5 U	1.5 U
1,2-Dichlorobenzene				0.9 U	1.2 U	1.2 U
1,2-Dichloroethane				0.61 U	0.81 U	0.81 U
1,2-Dichloroethene (total)				--	1.6 U	1.6 U
1,2-Dichloropropane				0.69 U	0.92 U	0.92 U
1,2-Dichlorotetrafluoroethane (CFC 114)				1 U	1.4 U	1.4 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.46 J	0.27 J
1,3-Butadiene				0.33 U	0.48	0.46
1,3-Dichlorobenzene				0.9 U	1.2 U	1.2 U
1,4-Dichlorobenzene				0.9 U	1.2 U	1.2 U
1,4-Dioxane				1.1 U	18 U	18 U
2,2,4-Trimethylpentane			10 (G)	0.84	1.7	1.8
2-Butanone (MEK)				0.53 J	1.5 U	1.5 U
2-Chlorotoluene				--	1.0 U	1.0 U
2-Hexanone				1.2 U	2.0 U	2.0 U
2-Phenylbutane (sec-Butylbenzene)				--	1.1 U	1.1 U
4-Ethyl toluene				0.74 U	0.45 J	0.28 J
4-Methyl-2-pentanon (MIBK)				1.2 U	2.0 U	2.0 U
Acetone				12	12 U	12 U
Allyl chloride				0.47 U	1.6 U	1.6 U
Benzene			10 (G)	0.93	3.0	3.1
Benzyl chloride				0.86 U	1.0 U	1.0 U
Bromodichloromethane				1 U	1.3 U	1.3 U
Bromoform				1.6 U	2.1 U	2.1 U
Bromomethane (Methyl bromide)				0.58 U	0.78 U	0.78 U
Butane				--	12	11
Carbon disulfide				0.47 U	1.6 U	1.6 U
Carbon tetrachloride			1 (D)	0.57	1.3 U	1.3 U
Chlorobenzene				0.69 U	0.92 U	0.92 U
Chlorodifluoromethane				--	8.9 U	8.9 U
Chloroethane				0.4 U	1.3 U	1.3 U
Chloroform (Trichloromethane)				0.73 U	0.98 U	0.98 U
Chloromethane (Methyl chloride)				1.1	1.0 U	1.4 U
cis-1,2-Dichloroethene			1 (D)	0.16 U	0.79 U	0.79 U
cis-1,3-Dichloropropene				0.68 U	0.91 U	0.91 U
Cyclohexane			10 (G)	1	0.85	0.88
Cymene (p-Isopropyltoluene)				--	1.1 U	1.1 U
Dibromochloromethane				1.3 U	1.7 U	1.7 U
Dichlorodifluoromethane (CFC-12)				2.8	2.5 U	2.5 U
Ethanol				--	--	--
Ethyl acetate				0.72	--	--
Ethylbenzene			10 (G)	0.65 U	1.4	1.3
Hexachlorobutadiene				1.6 U	2.1 U	2.1 U
Hexane			20 (H)	0.88	1.8 U	1.8 U
Isopropyl alcohol				2.9	12 U	12 U
Isopropyl benzene				--	0.98 U	0.98 U
m&p-Xylenes			20 (H)	1.3	4.4	3.7
Methyl methacrylate				--	2.0 U	2.0 U
Methyl tert butyl ether (MTBE)				0.54 U	0.72 U	0.72 U
Methylene chloride	60		10 (E)	0.76	1.7 U	1.7 U
Naphthalene			10 (G)	--	2.6 U	2.6 U
N-Butylbenzene				--	1.1 U	1.1 U
N-Heptane			20 (H)	0.7	1.6	1.7
N-Propylbenzene				--	0.27 J	0.98 U
o-Xylene			10 (G)	0.52 J	1.7	1.4
Propylene (propene)				0.26 U	--	--
Styrene				0.64 U	0.25 J	0.85 U
tert-Butyl alcohol				--	15 U	15 U
tert-Butylbenzene				--	1.1 U	1.1 U
Tetrachloroethene	30	300	10 (E)	1 U	1.4 U	1.4 U
Tetrahydrofuran				0.44 U	15 U	15 U
Toluene			50 (I)	2.6	7.9	7.6
trans-1,2-Dichloroethene				0.59 U	0.79 U	0.79 U
trans-1,3-Dichloropropene				0.68 U	0.91 U	0.91 U
Trichloroethene	2	20	1 (D)	0.16 U	1.1 U	1.1 U
Trichlorofluoromethane (CFC-11)				1.6	1.1 U	1.1 U
Trifluorotrichloroethane (CFC-113)				1.1 U	1.5 U	1.5 U
Vinyl acetate				0.53 U	--	--
Vinyl bromide (Bromoethene)				0.66 U	0.87 U	0.87 U
Vinyl chloride			0.2 (F)	0.1 U	0.51 U	0.51 U
Xylenes (total)				--	6.1	5.1

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-2	IA-2	IA-2
			Sample ID:	IA2-12601467-030524-BP-004	IA2-1201467-041624-BP-004	IA2-12601467-022725-BP-001
			Sample Date:	3/5/2024	4/16/2024	2/27/2025
			Sample Type:			
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	0.109 U	0.19 U	0.109 U
1,1,2,2-Tetrachloroethane				1.37 U	0.24 UJ	1.37 U
1,1,2-Trichloroethane				1.09 U	0.19 U	1.09 U
1,1-Dichloroethane			1 (D)	0.809 U	0.14 U	0.809 U
1,1-Dichloroethene				0.079 U	0.14 U	0.079 U
1,2,4-Trichlorobenzene				1.48 U	0.26 U	1.48 U
1,2,4-Trimethylbenzene			10 (G)	0.983 U	0.85	2.12
1,2-Dibromoethane (Ethylene dibromide)				1.54 U	0.27 U	1.54 U
1,2-Dichlorobenzene				1.20 U	0.21 U	1.20 U
1,2-Dichloroethane				0.809 U	0.14 U	0.809 U
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				0.924 U	0.16 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)				1.40 U	0.24 U	1.40 U
1,3,5-Trimethylbenzene			10 (G)	0.983 U	0.26	0.492 J
1,3-Butadiene				0.442 U	0.077 U	1.60
1,3-Dichlorobenzene				1.20 U	0.21 U	1.20 U
1,4-Dichlorobenzene				1.20 U	0.54	1.20 U
1,4-Dioxane				0.721 U	1.3 U	0.721 U
2,2,4-Trimethylpentane			10 (G)	0.934 U	--	4.90
2-Butanone (MEK)				1.47 U	4.1 U	3.24
2-Chlorotoluene				--	--	--
2-Hexanone				0.820 U	0.14 U	0.820 U
2-Phenylbutane (sec-Butylbenzene)				--	--	--
4-Ethyl toluene				0.983 U	0.17 U	0.703 J+
4-Methyl-2-pentanon (MIBK)				2.05 U	0.14 U	2.05 U
Acetone				4.80	12	21.6
Allyl chloride				0.626 U	--	0.626 U
Benzene			10 (G)	1.07	3.1	9.94
Benzyl chloride				1.04 U	0.18 U	1.04 UJ
Bromodichloromethane				1.34 U	0.23 U	1.34 U
Bromoform				2.07 U	0.50	2.07 U
Bromomethane (Methyl bromide)				0.777 U	2.1	0.777 U
Butane				--	--	--
Carbon disulfide				0.623 U	1.1 U	0.623 U
Carbon tetrachloride			1 (D)	0.415	0.52	0.478
Chlorobenzene				0.921 U	0.16 U	0.921 U
Chlorodifluoromethane				--	--	--
Chloroethane				0.528 U	0.092 U	0.528 U
Chloroform (Trichloromethane)				0.977 U	0.17 U	0.977 U
Chloromethane (Methyl chloride)				1.02	1.1	1.40
cis-1,2-Dichloroethene			1 (D)	0.079 U	0.14 U	0.079 U
cis-1,3-Dichloropropene				0.908 U	0.16 U	0.908 U
Cyclohexane			10 (G)	0.688 U	0.66	1.91
Cymene (p-Isopropyltoluene)				--	--	--
Dibromochloromethane				1.70 U	0.30 U	1.70 U
Dichlorodifluoromethane (CFC-12)				2.04	2.3	2.48
Ethanol				35.6	37	68.4
Ethyl acetate				1.80 U	1.3 U	1.80 U
Ethylbenzene			10 (G)	0.869 U	0.74	3.16
Hexachlorobutadiene				2.13 U	0.37 U	2.13 U
Hexane			20 (H)	0.952	4.9 U	6.77
Isopropyl alcohol				1.23 U	3.4 U	16.1
Isopropyl benzene				--	--	--
m&p-Xylenes			20 (H)	1.74 U	2.3	8.43
Methyl methacrylate				--	--	--
Methyl tert butyl ether (MTBE)				0.721 U	0.13 U	0.721 U
Methylene chloride	60		10 (E)	6.91	1.2 U	0.691 J
Naphthalene			10 (G)	1.05 U	0.18 U	0.456 J
N-Butylbenzene				--	--	--
N-Heptane			20 (H)	0.820 U	1.0	3.80
N-Propylbenzene				--	--	--
o-Xylene			10 (G)	0.869 U	0.91	3.48
Propylene (propene)				--	4.2	--
Styrene				0.852 U	0.15	0.336 J
tert-Butyl alcohol				1.52 U	--	1.52 U
tert-Butylbenzene				--	--	--
Tetrachloroethene	30	300	10 (E)	0.136 U	0.24 U	1.08 U
Tetrahydrofuran				1.47 U	1.0 UJ	1.47 U
Toluene			50 (I)	1.95	4.4	17.1
trans-1,2-Dichloroethene				0.793 U	0.14 U	0.793 U
trans-1,3-Dichloropropene				0.908 U	0.16 U	0.908 U
Trichloroethene	2	20	1 (D)	0.107 U	0.19 U	0.107 U
Trichlorofluoromethane (CFC-11)				1.12 U	1.2	1.28
Trifluorotrichloroethane (CFC-113)				1.53 U	1.1 U	0.560 J
Vinyl acetate				--	3.3	--
Vinyl bromide (Bromoethene)				0.874 U	--	0.874 U
Vinyl chloride			0.2 (F)	0.051 U	0.089 U	0.051 U
Xylenes (total)				--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-6	IA-6	IA-6
			Sample ID:	IA-6	IA-6	IA-6
			Sample Date:	12/12/2014	03/21/2017	03/06/2018
			Sample Type:			
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	0.82 U	0.82 U	--
1,1,2,2-Tetrachloroethane				1 U	--	--
1,1,2-Trichloroethane				0.82 U	--	--
1,1-Dichloroethane			1 (D)	0.61 U	--	--
1,1-Dichloroethene				0.59 U	--	--
1,2,4-Trichlorobenzene				1.1 U	1.1 U	--
1,2,4-Trimethylbenzene			10 (G)	0.74 U	3.4	3.4
1,2-Dibromoethane (Ethylene dibromide)				1.2 U	--	--
1,2-Dichlorobenzene				0.9 U	0.9 U	--
1,2-Dichloroethane				0.61 U	--	--
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				0.69 U	--	--
1,2-Dichlorotetrafluoroethane (CFC 114)				1 U	--	--
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.98	0.98
1,3-Butadiene				0.33 U	--	--
1,3-Dichlorobenzene				0.9 U	--	--
1,4-Dichlorobenzene				0.9 U	--	--
1,4-Dioxane				1.1 U	--	--
2,2,4-Trimethylpentane			10 (G)	0.7 U	4.3	4.3
2-Butanone (MEK)				0.88 U	1.4	2.4
2-Chlorotoluene				--	--	--
2-Hexanone				1.2 U	1.2 U	--
2-Phenylbutane (sec-Butylbenzene)				--	--	--
4-Ethyl toluene				0.74 U	0.98	0.93
4-Methyl-2-pentanon (MIBK)				1.2 U	0.78 J	1.2 U
Acetone				6.9	23	12
Allyl chloride				0.47 U	--	--
Benzene			10 (G)	0.51	6	6.6
Benzyl chloride				0.86 U	--	--
Bromodichloromethane				1 U	--	--
Bromoform				1.6 U	--	--
Bromomethane (Methyl bromide)				0.58 U	--	0.58 U
Butane				--	--	--
Carbon disulfide				0.47 U	0.47 U	--
Carbon tetrachloride			1 (D)	0.5	0.38	0.57
Chlorobenzene				0.69 U	--	--
Chlorodifluoromethane				--	--	--
Chloroethane				0.4 U	--	--
Chloroform (Trichloromethane)				0.73 U	0.73 U	--
Chloromethane (Methyl chloride)				1	1.4	0.97
cis-1,2-Dichloroethene			1 (D)	0.59 U	0.59 U	--
cis-1,3-Dichloropropene				0.68 U	--	--
Cyclohexane			10 (G)	0.52 U	1.8	1.5
Cymene (p-Isopropyltoluene)				--	--	--
Dibromochloromethane				1.3 U	--	--
Dichlorodifluoromethane (CFC-12)				2.7	2.1	2.6
Ethanol				--	--	--
Ethyl acetate				0.9 U	0.54 U	1.5
Ethylbenzene			10 (G)	0.65 U	2.6	2.7
Hexachlorobutadiene				1.6 U	--	--
Hexane			20 (H)	0.53 U	5.2	4.9
Isopropyl alcohol				1.8	4.9	5.3
Isopropyl benzene				--	--	--
m&p-Xylenes			20 (H)	0.56 UJ	--	--
Methyl methacrylate				0.56 J	7.9	8.8
Methyl tert butyl ether (MTBE)				0.54 U	0.54 U	--
Methylene chloride	60		10 (E)	0.52	0.87	1.2
Naphthalene			10 (G)	--	--	--
N-Butylbenzene				--	--	--
N-Heptane			20 (H)	0.61 U	2.4	2.8
N-Propylbenzene				--	--	--
o-Xylene			10 (G)	0.65 U	3.2	3
Propylene (propene)				0.26 U	--	--
Styrene				0.64 U	0.51 J	0.77
tert-Butyl alcohol				--	--	--
tert-Butylbenzene				--	--	--
Tetrachloroethene	30	300	10 (E)	1 U	1 U	1 U
Tetrahydrofuran				0.44 U	0.44 U	0.44 U
Toluene			50 (I)	1.8	14	19
trans-1,2-Dichloroethene				0.59 U	0.59 U	0.59 U
trans-1,3-Dichloropropene				0.68 U	--	--
Trichloroethene	2	20	1 (D)	0.27	0.21 U	0.16 U
Trichlorofluoromethane (CFC-11)				1.4	1.6	1.5
Trifluorotrichloroethane (CFC-113)				1.1 U	1.1 U	--
Vinyl acetate				0.53 U	--	--
Vinyl bromide (Bromoethene)				0.66 U	--	--
Vinyl chloride			0.2 (F)	0.1 U	--	--
Xylenes (total)				--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-6	IA-6	IA-6
			Sample ID:	IA-6	IA-6	IA6-11219404-031121-BP-005
			Sample Date:	03/08/2019	02/19/2020	03/11/2021
			Sample Type:			
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	--	--	0.2 U
1,1,2,2-Tetrachloroethane				--	--	0.29 U
1,1,2-Trichloroethane				--	--	0.2 U
1,1-Dichloroethane			1 (D)	--	--	0.17 U
1,1-Dichloroethene				--	--	0.15 U
1,2,4-Trichlorobenzene				--	--	1.6 U
1,2,4-Trimethylbenzene			10 (G)	0.93	--	1.5
1,2-Dibromoethane (Ethylene dibromide)				--	--	0.38 U
1,2-Dichlorobenzene				--	--	0.58 U
1,2-Dichloroethane				--	--	0.13 U
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				--	--	0.15 U
1,2-Dichlorotetrafluoroethane (CFC 114)				--	--	0.24 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	--	0.46 J
1,3-Butadiene				--	--	0.79
1,3-Dichlorobenzene				--	--	0.66 U
1,4-Dichlorobenzene				--	--	0.72 U
1,4-Dioxane				--	--	0.3 U
2,2,4-Trimethylpentane			10 (G)	1.2	--	3
2-Butanone (MEK)				1	0.47 J	2.6
2-Chlorotoluene				--	--	0.22 U
2-Hexanone				1.2 U	--	0.38 J
2-Phenylbutane (sec-Butylbenzene)				--	--	0.19 U
4-Ethyl toluene				0.74 U	--	0.46 J
4-Methyl-2-pentanon (MIBK)				1.2 UJ	--	0.15 U
Acetone				6.6 J	7.6	23
Allyl chloride				--	--	0.2 U
Benzene			10 (G)	3.1	0.77	3.7
Benzyl chloride				--	--	0.44 U
Bromodichloromethane				--	--	0.23 U
Bromoform				--	--	0.5 U
Bromomethane (Methyl bromide)				--	--	0.2 U
Butane				--	--	28
Carbon disulfide				--	--	0.23 U
Carbon tetrachloride			1 (D)	0.38	0.5	0.38
Chlorobenzene				--	--	0.26 U
Chlorodifluoromethane				--	--	1.5 J
Chloroethane				--	--	0.14 U
Chloroform (Trichloromethane)				--	--	0.28 J
Chloromethane (Methyl chloride)				1.1	0.91	1.6
cis-1,2-Dichloroethene			1 (D)	0.16 U	--	0.18 UJ
cis-1,3-Dichloropropene				--	--	0.15 U
Cyclohexane			10 (G)	0.52 U	--	1.4
Cymene (p-Isopropyltoluene)				--	--	0.21 J
Dibromochloromethane				--	--	0.31 U
Dichlorodifluoromethane (CFC-12)				0.74 U	2.6	2.6
Ethanol				--	--	28
Ethyl acetate				0.54 U	--	--
Ethylbenzene			10 (G)	0.74	--	1.5
Hexachlorobutadiene				--	--	0.81 U
Hexane			20 (H)	1.9	0.53 U	8.6 U
Isopropyl alcohol				1.2	1.3	3.9 J
Isopropyl benzene				--	--	0.17 U
m&p-Xylenes			20 (H)	--	--	4.7
Methyl methacrylate				2.1	0.48 J	0.14 U
Methyl tert butyl ether (MTBE)				--	--	0.12 U
Methylene chloride	60		10 (E)	0.49 J	0.52	3.1 U
Naphthalene			10 (G)	--	--	0.89 U
N-Butylbenzene				--	--	0.21 U
N-Heptane			20 (H)	1.3	0.61 U	2.1
N-Propylbenzene				--	--	0.32 J
o-Xylene			10 (G)	0.61 J	--	1.8
Propylene (propene)				--	--	--
Styrene				0.64 U	--	0.17 J
tert-Butyl alcohol				--	--	0.36 J
tert-Butylbenzene				--	--	0.19 U
Tetrachloroethene	30	300	10 (E)	1 U	--	0.22 U
Tetrahydrofuran				--	--	0.19 U
Toluene			50 (I)	5.4	1.6	7.7
trans-1,2-Dichloroethene				--	--	0.17 U
trans-1,3-Dichloropropene				--	--	0.18 U
Trichloroethene	2	20	1 (D)	0.16 U	--	0.19 U
Trichlorofluoromethane (CFC-11)				1.2	1.3	1.6
Trifluorotrichloroethane (CFC-113)				--	--	0.61 J
Vinyl acetate				--	--	--
Vinyl bromide (Bromoethene)				--	--	0.23 U
Vinyl chloride			0.2 (F)	--	--	0.11 U
Xylenes (total)				--	--	6.5

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-6	IA-6	IA-6	IA-6	IA-6
			Sample ID:	AS-11219404-032422-KH-003	IA6-12601467-030723-BP-001	IA6-12601467-030524-BP-001	IA6-1201467-041624-BP-001	IA6-12601467-022725-BP-002
			Sample Date:	03/24/2022	03/07/2023	3/5/2024	4/16/2024	2/27/2025
			Sample Type:					
			Matrix Code:	AI	AI	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**					
Volatile Organic Compounds (ug/m^3)								
1,1,1-Trichloroethane			10 (E)	0.82 U	1.1 U	0.309 U	0.19 U	0.109 U
1,1,2,2-Tetrachloroethane				1 U	1.4 U	3.89 U	0.24 UJ	1.37 U
1,1,2-Trichloroethane				0.82 U	1.1 U	3.09 U	0.19 U	1.09 U
1,1-Dichloroethane			1 (D)	0.61 U	0.81 U	2.29 U	0.14 U	0.809 U
1,1-Dichloroethene				0.16 U	0.79 U	0.224 U	0.14 U	0.079 U
1,2,4-Trichlorobenzene				1.1 U	3.7 U	4.20 U	0.26 U	1.48 U
1,2,4-Trimethylbenzene			10 (G)	0.74 U	0.66 J	2.78 U	1.1	2.44
1,2-Dibromoethane (Ethylene dibromide)				1.2 U	1.5 U	4.35 U	0.27 U	1.54 U
1,2-Dichlorobenzene				0.9 U	1.2 U	3.40 U	0.21 U	1.20 U
1,2-Dichloroethane				0.61 U	0.81 U	2.29 U	0.14 U	0.809 U
1,2-Dichloroethene (total)				--	1.6 U	--	--	--
1,2-Dichloropropane				0.69 U	0.92 U	2.62 U	0.16 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)				1 U	1.4 U	3.96 U	0.24 U	1.40 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.35 J	2.78 U	0.33	0.792 J
1,3-Butadiene				0.33 U	0.70	1.25 U	0.077 U	2.01
1,3-Dichlorobenzene				0.9 U	1.2 U	3.40 U	0.21 U	1.20 U
1,4-Dichlorobenzene				0.9 U	1.2 U	3.40 U	0.47	1.20 U
1,4-Dioxane				1.1 U	18 U	2.04 U	1.3 U	0.721 U
2,2,4-Trimethylpentane			10 (G)	0.51 J	2.4	2.64 U	--	4.38
2-Butanone (MEK)				0.53 J	1.5 U	4.16 U	4.1 U	1.40 J
2-Chlorotoluene				--	1.0 U	--	--	--
2-Hexanone				1.2 U	2.0 U	2.32 U	0.14 U	0.820 U
2-Phenylbutane (sec-Butylbenzene)				--	1.1 U	--	--	--
4-Ethyl toluene				0.74 U	0.36 J	2.78 U	0.18	0.742 J+
4-Methyl-2-pentanon (MIBK)				1.2 U	2.0 U	5.78 U	0.14 U	2.05 U
Acetone				17	12 U	6.87	16	7.27
Allyl chloride				0.47 U	1.6 U	1.77 U	--	0.626 U
Benzene			10 (G)	0.83	4.0	3.45	4.2	7.67
Benzyl chloride				0.86 U	1.0 U	2.93 U	0.18 U	1.04 UJ
Bromodichloromethane				1 U	1.3 U	3.79 U	0.23 U	1.34 U
Bromoform				1.6 U	2.1 U	5.85 U	0.36 U	2.07 U
Bromomethane (Methyl bromide)				0.58 U	0.78 U	2.20 U	0.14 U	0.777 U
Butane				--	16	--	--	--
Carbon disulfide				0.47 U	1.6 U	1.76 U	1.1 U	0.623 U
Carbon tetrachloride			1 (D)	0.44	1.3 U	0.410	0.49	0.491
Chlorobenzene				0.69 U	0.92 U	2.61 U	0.16 U	0.921 U
Chlorodifluoromethane				--	1.8 U	--	--	--
Chloroethane				0.4 U	1.3 U	1.49 U	0.092 U	0.528 U
Chloroform (Trichloromethane)				0.73 U	0.98 U	2.76 U	0.17 U	0.293 J
Chloromethane (Methyl chloride)				1	1.4 U	1.17 U	0.99	1.18
cis-1,2-Dichloroethene			1 (D)	0.16 U	0.79 U	0.932	0.14 U	0.079 U
cis-1,3-Dichloropropene				0.68 U	0.91 U	2.57 U	0.16 U	0.908 U
Cyclohexane			10 (G)	0.69	1.3	1.95 U	1.2	1.52
Cymene (p-Isopropyltoluene)				--	1.1 U	--	--	--
Dibromochloromethane				1.3 U	1.7 U	4.82 U	0.30 U	1.70 U
Dichlorodifluoromethane (CFC-12)				2.7	2.5 U	2.80 U	2.4	2.35
Ethanol				--	--	30.7	32	53.9
Ethyl acetate				0.79	--	5.08 U	1.3 U	1.80 U
Ethylbenzene			10 (G)	0.65 U	1.7	2.46 U	0.94	2.65
Hexachlorobutadiene				1.6 U	2.1 U	6.04 U	0.37 U	2.13 U
Hexane			20 (H)	0.6	4.0	2.95	4.9 U	6.03
Isopropyl alcohol				2.6	12 U	3.47 U	3.4 U	18.1
Isopropyl benzene				--	0.98 U	--	--	--
m&p-Xylenes			20 (H)	0.69 J	4.7	4.91 U	3.1	8.17
Methyl methacrylate				--	2.0 U	--	--	--
Methyl tert butyl ether (MTBE)				0.54 U	0.72 U	2.04 U	0.13 U	0.721 U
Methylene chloride	60		10 (E)	4.7	1.7 U	4.90 U	1.2 U	0.688 J
Naphthalene			10 (G)	--	2.6 U	2.97 U	0.18 U	0.425 J
N-Butylbenzene				--	1.1 U	--	--	--
N-Heptane			20 (H)	0.53 J	2.3	2.32 U	1.3	3.19
N-Propylbenzene				--	0.23 J	--	--	--
o-Xylene			10 (G)	0.65 U	1.7	2.46 U	1.3	3.31
Propylene (propene)				0.26 U	--	--	5.5	--
Styrene				0.64 U	0.85 U	2.41 U	0.20	0.400 J
tert-Butyl alcohol				--	15 U	4.27 U	--	1.52 U
tert-Butylbenzene				--	1.1 U	--	--	--
Tetrachloroethene	30	300	10 (E)	1 U	1.4 U	**35.7 J[a]**	0.24 U	1.22 U
Tetrahydrofuran				0.44 U	15 U	4.16 U	1.0 UJ	1.47 U
Toluene			50 (I)	2.6	10	6.18	5.7	14.4
trans-1,2-Dichloroethene				0.59 U	0.79 U	2.24 U	0.14 U	0.793 U
trans-1,3-Dichloropropene				0.68 U	0.91 U	2.57 U	0.16 U	0.908 U
Trichloroethene	2	20	1 (D)	0.16 U	1.1 U	0.838	0.19 U	0.065 J
Trichlorofluoromethane (CFC-11)				1.5	1.1 U	3.18 U	1.1	1.21
Trifluorotrichloroethane (CFC-113)				1.1 U	1.5 U	4.34 U	1.1 U	0.590 J
Vinyl acetate				0.53 U	--	--	3.0	--
Vinyl bromide (Bromoethene)				0.66 U	0.87 U	2.47 U	--	0.874 U
Vinyl chloride			0.2 (F)	0.1 U	0.51 U	0.145 U	0.089 U	0.051 U
Xylenes (total)				--	6.4	--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

Parameters	NYSDOH Guidance Value (a)	NYSDOH Immediate Action Level (b)	NYSDOH Matrix Concentrations (c)	Sample Location:	IA-7	IA-7	IA-7
				Sample ID:	IA-7	IA-7	IA-7	IA-7
				Sample Date:	12/12/2014	03/21/2017	03/06/2018	03/08/2019
				Sample Type:				
				Matrix Code:	AI	AI	AI	AI
Volatile Organic Compounds (ug/m^3)								
1,1,1-Trichloroethane			10 (E)		0.82 U	0.82 U	--	--
1,1,2,2-Tetrachloroethane					1 U	--	--	--
1,1,2-Trichloroethane					0.82 U	--	--	--
1,1-Dichloroethane			1 (D)		0.61 U	--	--	--
1,1-Dichloroethene					0.59 U	--	--	--
1,2,4-Trichlorobenzene					1.1 U	1.1 U	--	--
1,2,4-Trimethylbenzene			10 (G)		0.49 J	3.9	4.2	2.9
1,2-Dibromoethane (Ethylene dibromide)					1.2 U	--	--	--
1,2-Dichlorobenzene					0.9 U	0.9 U	--	--
1,2-Dichloroethane					0.61 U	--	--	--
1,2-Dichloroethene (total)					--	--	--	--
1,2-Dichloropropane					0.69 U	--	--	--
1,2-Dichlorotetrafluoroethane (CFC 114)					1 U	--	--	--
1,3,5-Trimethylbenzene			10 (G)		0.74 U	1.2	1.1	0.79
1,3-Butadiene					0.33 U	--	--	--
1,3-Dichlorobenzene					0.9 U	--	--	--
1,4-Dichlorobenzene					0.9 U	--	--	--
1,4-Dioxane					1.1 U	--	--	--
2,2,4-Trimethylpentane			10 (G)		0.7 U	4.2	6.4	3
2-Butanone (MEK)					0.88 U	1.3	1.5	2.7
2-Chlorotoluene					--	--	--	--
2-Hexanone					1.2 U	1.2 U	--	1.2 U
2-Phenylbutane (sec-Butylbenzene)					--	--	--	--
4-Ethyl toluene					0.74 U	1.1	1.1	0.69 J
4-Methyl-2-pentanon (MIBK)					1.2 U	0.82 J	1.2 U	1.2 UJ
Acetone					5.5	17	15	11 J
Allyl chloride					0.47 U	--	--	--
Benzene			10 (G)		0.51	6.4	9.1	6.1
Benzyl chloride					0.86 U	--	--	--
Bromodichloromethane					1 U	--	--	--
Bromoform					1.6 U	--	--	--
Bromomethane (Methyl bromide)					0.58 U	--	0.58 U	--
Butane					--	--	--	--
Carbon disulfide					0.47 U	0.47 U	--	--
Carbon tetrachloride			1 (D)		0.57	0.38	0.57	0.38
Chlorobenzene					0.69 U	--	--	--
Chlorodifluoromethane					--	--	--	--
Chloroethane					0.4 U	--	--	--
Chloroform (Trichloromethane)					0.73 U	0.73 U	--	--
Chloromethane (Methyl chloride)					0.97	1.2	0.99	1.3
cis-1,2-Dichloroethene			1 (D)		0.59 U	0.59 U	--	1.4
cis-1,3-Dichloropropene					0.68 U	--	--	--
Cyclohexane			10 (G)		0.52 U	1.8	2.2	2.2
Cymene (p-Isopropyltoluene)					--	--	--	--
Dibromochloromethane					1.3 U	--	--	--
Dichlorodifluoromethane (CFC-12)					2.7	2.1	2.9	0.74 U
Ethanol					--	--	--	--
Ethyl acetate					0.9 U	0.54 U	0.79	0.54 U
Ethylbenzene			10 (G)		0.65 U	2.5	3.1	1.7
Hexachlorobutadiene					1.6 U	--	--	--
Hexane			20 (H)		0.53 U	5.4	7	4.9
Isopropyl alcohol					3.1	7.1	0.37 U	2.5
Isopropyl benzene					--	--	--	--
m&p-Xylenes			20 (H)		0.69 UJ	--	--	--
Methyl methacrylate					0.69 J	8.2	10	5.5
Methyl tert butyl ether (MTBE)					0.54 U	0.54 U	--	--
Methylene chloride	60		10 (E)		0.49 UJ	0.87	1.3	0.63
Naphthalene			10 (G)		--	--	--	--
N-Butylbenzene					--	--	--	--
N-Heptane			20 (H)		0.61 U	2.8	4.1	3.2
N-Propylbenzene					--	--	--	--
o-Xylene			10 (G)		0.65 U	3.2	3.5	1.6
Propylene (propene)					0.26 U	--	--	--
Styrene					0.64 U	0.51 J	0.68	0.64 U
tert-Butyl alcohol					--	--	--	--
tert-Butylbenzene					--	--	--	--
Tetrachloroethene	30	300	10 (E)		1 U	1 U	1 U	0.88 J
Tetrahydrofuran					0.44 U	0.44 U	0.44 U	--
Toluene			50 (I)		2	14	18	9.8 J
trans-1,2-Dichloroethene					0.59 U	0.59 U	0.59 U	--
trans-1,3-Dichloropropene					0.68 U	--	--	--
Trichloroethene	2	20	1 (D)		0.27	0.21 U	0.16 U	13 J[a]
Trichlorofluoromethane (CFC-11)					1.4	1.6	1.4	1.2
Trifluorotrichloroethane (CFC-113)					1.1 U	1.1 U	--	--
Vinyl acetate					0.53 U	--	--	--
Vinyl bromide (Bromoethene)					0.66 U	--	--	--
Vinyl chloride			0.2 (F)		0.1 U	--	--	--
Xylenes (total)					--	--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-7	IA-7	IA-7	IA-7
			Sample ID:	IA-7	IA-7	IA7-11219404-031121-BP-001	AS-11219404-032422-KH-002
			Sample Date:	03/26/2019	02/19/2020	03/11/2021	03/24/2022
			Sample Type:				
			Matrix Code:	AI	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**				
Volatile Organic Compounds (ug/m^3)							
1,1,1-Trichloroethane			10 (E)	--	--	0.2 U	0.82 U
1,1,2,2-Tetrachloroethane				--	--	0.29 U	1 U
1,1,2-Trichloroethane				--	--	0.2 U	0.82 U
1,1-Dichloroethane			1 (D)	--	--	0.17 U	0.61 U
1,1-Dichloroethene				--	--	0.15 U	0.16 U
1,2,4-Trichlorobenzene				--	--	1.6 U	1.1 U
1,2,4-Trimethylbenzene			10 (G)	0.59 J	--	0.22 U	0.74 U
1,2-Dibromoethane (Ethylene dibromide)				--	--	0.38 U	1.2 U
1,2-Dichlorobenzene				--	--	0.58 U	0.9 U
1,2-Dichloroethane				--	--	0.13 U	0.61 U
1,2-Dichloroethene (total)				--	--	--	--
1,2-Dichloropropane				--	--	0.15 U	0.69 U
1,2-Dichlorotetrafluoroethane (CFC 114)				--	--	0.24 U	1 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	--	0.19 U	0.74 U
1,3-Butadiene				--	--	0.49 J	0.33 U
1,3-Dichlorobenzene				--	--	0.66 U	0.9 U
1,4-Dichlorobenzene				--	--	0.72 U	0.9 U
1,4-Dioxane				--	--	0.3 U	1.1 U
2,2,4-Trimethylpentane			10 (G)	0.7	--	0.19 U	0.7 U
2-Butanone (MEK)				0.8 J	0.5 J	1.6	0.53 J
2-Chlorotoluene				--	--	0.22 U	--
2-Hexanone				1.2 U	--	0.2 U	1.2 U
2-Phenylbutane (sec-Butylbenzene)				--	--	0.19 U	--
4-Ethyl toluene				0.74 U	--	0.2 U	0.74 U
4-Methyl-2-pentanon (MIBK)				1.2 U	--	0.15 U	1.2 U
Acetone				4.3	7.4	19	11
Allyl chloride				--	--	0.2 U	0.47 U
Benzene			10 (G)	1.5	0.8	0.36 J	0.73
Benzyl chloride				--	--	0.44 U	0.86 U
Bromodichloromethane				--	--	0.23 U	1 U
Bromoform				--	--	0.5 U	1.6 U
Bromomethane (Methyl bromide)				--	--	0.2 U	0.58 U
Butane				--	--	15	--
Carbon disulfide				--	--	1.3 J	0.47 U
Carbon tetrachloride			1 (D)	0.31	0.63	0.2 J	0.5
Chlorobenzene				--	--	0.26 U	0.69 U
Chlorodifluoromethane				--	--	1.5 J	--
Chloroethane				--	--	0.14 U	0.4 U
Chloroform (Trichloromethane)				--	--	0.16 U	0.73 U
Chloromethane (Methyl chloride)				1.3	0.91	1.2	0.99
cis-1,2-Dichloroethene			1 (D)	0.16 U	--	0.18 U	0.16 U
cis-1,3-Dichloropropene				--	--	0.15 U	0.68 U
Cyclohexane			10 (G)	0.55	--	0.43 J	0.52 U
Cymene (p-Isopropyltoluene)				--	--	0.21 U	--
Dibromochloromethane				--	--	0.31 U	1.3 U
Dichlorodifluoromethane (CFC-12)				2.9	2.7	2.5	2.8
Ethanol				--	--	20	--
Ethyl acetate				0.54 U	--	--	0.54
Ethylbenzene			10 (G)	0.48 J	--	0.27 U	0.65 U
Hexachlorobutadiene				--	--	0.81 U	1.6 U
Hexane			20 (H)	1.1	0.35 J	1.1 U	0.46 J
Isopropyl alcohol				0.37 U	1.2	4.4 J	2.1
Isopropyl benzene				--	--	0.17 U	--
m&p-Xylenes			20 (H)	--	--	0.43 U	0.56 J
Methyl methacrylate				1.6	0.48 J	0.14 U	--
Methyl tert butyl ether (MTBE)				--	--	0.12 U	0.54 U
Methylene chloride	60		10 (E)	0.63	0.52	4 U	0.83
Naphthalene			10 (G)	--	--	0.89 U	--
N-Butylbenzene				--	--	0.21 UJ	--
N-Heptane			20 (H)	0.86	0.61 U	0.23 U	0.45 J
N-Propylbenzene				--	--	0.19 U	--
o-Xylene			10 (G)	0.61 J	--	0.21 U	0.65 U
Propylene (propene)				--	--	--	0.26 U
Styrene				0.64 U	--	0.17 U	0.64 U
tert-Butyl alcohol				--	--	0.12 U	--
tert-Butylbenzene				--	--	0.19 U	--
Tetrachloroethene	30	300	10 (E)	1 U	--	0.22 U	1 U
Tetrahydrofuran				--	--	0.36 J	0.44 U
Toluene			50 (I)	3.4	1.7	0.41 U	1.7
trans-1,2-Dichloroethene				--	--	0.17 U	0.59 U
trans-1,3-Dichloropropene				--	--	0.18 U	0.68 U
Trichloroethene	2	20	1 (D)	0.16 U	--	0.19 U	0.16 U
Trichlorofluoromethane (CFC-11)				1.9	1.2	1.2	1.6
Trifluorotrichloroethane (CFC-113)				--	--	0.36 J	1.1 U
Vinyl acetate				--	--	--	0.53 U
Vinyl bromide (Bromoethene)				--	--	0.23 U	0.66 U
Vinyl chloride			0.2 (F)	--	--	0.11 U	0.1 U
Xylenes (total)				--	--	0.43 U	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-7	IA-7	IA-7	IA-7
			Sample ID:	IA7-12601467-030723-BP-002	IA7-12601467-030524-BP-002	IA7-12601467-030524-BP-003	IA7-1201467-041624-BP-002
			Sample Date:	03/07/2023	3/5/2024	3/5/2024	4/16/2024
			Sample Type:			Duplicate	
			Matrix Code:	AI	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**				
Volatile Organic Compounds (ug/m^3)							
1,1,1-Trichloroethane			10 (E)	1.1 U	0.295 U	0.284 U	0.19 U
1,1,2,2-Tetrachloroethane				1.4 U	3.72 U	3.58 U	0.24 UJ
1,1,2-Trichloroethane				1.1 U	2.95 U	2.84 U	0.19 U
1,1-Dichloroethane			1 (D)	0.81 U	2.19 U	2.11 U	0.14 U
1,1-Dichloroethene				0.79 U	0.214 U	0.207 U	0.14 U
1,2,4-Trichlorobenzene				3.7 U	4.02 U	3.87 U	0.26 U
1,2,4-Trimethylbenzene			10 (G)	0.66 J	2.66 U	2.56 U	1.3
1,2-Dibromoethane (Ethylene dibromide)				1.5 U	4.16 U	4.00 U	0.27 U
1,2-Dichlorobenzene				1.2 U	3.25 U	3.13 U	0.21 U
1,2-Dichloroethane				0.81 U	2.19 U	2.11 U	0.14 U
1,2-Dichloroethene (total)				1.6 U	--	--	--
1,2-Dichloropropane				0.92 U	2.50 U	2.41 U	0.16 U
1,2-Dichlorotetrafluoroethane (CFC 114)				1.4 U	3.78 U	3.64 U	0.24 U
1,3,5-Trimethylbenzene			10 (G)	0.25 J	2.66 U	2.56 U	0.34
1,3-Butadiene				0.59	1.20 U	1.15 U	0.077 U
1,3-Dichlorobenzene				1.2 U	3.25 U	3.13 U	0.21 U
1,4-Dichlorobenzene				1.2 U	3.25 U	3.13 U	1.1
1,4-Dioxane				18 U	1.95 U	1.88 U	1.3 U
2,2,4-Trimethylpentane			10 (G)	1.8	2.53 U	2.43 U	--
2-Butanone (MEK)				1.7	3.98 U	3.83 U	4.1 U
2-Chlorotoluene				1.0 U	--	--	--
2-Hexanone				2.0 U	2.22 U	2.14 U	0.14 U
2-Phenylbutane (sec-Butylbenzene)				1.1 U	--	--	--
4-Ethyl toluene				0.26 J	2.66 U	2.56 U	0.20
4-Methyl-2-pentanon (MIBK)				2.0 U	5.53 U	5.33 U	0.14 U
Acetone				110	6.41 U	12.8	16
Allyl chloride				1.6 U	1.69 U	1.63 U	--
Benzene			10 (G)	3.3	3.80	3.67	4.5
Benzyl chloride				1.0 U	2.80 U	2.70 U	0.18 U
Bromodichloromethane				1.3 U	3.62 U	3.49 U	0.23 U
Bromoform				2.1 U	5.59 U	5.39 U	0.36 U
Bromomethane (Methyl bromide)				0.78 U	2.10 U	2.02 U	0.14 U
Butane				13	--	--	--
Carbon disulfide				1.6 U	1.68 U	1.62 U	1.1 U
Carbon tetrachloride			1 (D)	1.3 U	0.476	0.525	0.46
Chlorobenzene				0.92 U	2.49 U	2.40 U	0.16 U
Chlorodifluoromethane				1.8 U	--	--	--
Chloroethane				1.3 U	1.43 U	1.37 U	0.092 U
Chloroform (Trichloromethane)				0.98 U	2.64 U	2.54 U	0.17 U
Chloromethane (Methyl chloride)				1.4 U	1.29	1.15	1.1
cis-1,2-Dichloroethene			1 (D)	0.79 U	0.257	0.207 U	0.14 U
cis-1,3-Dichloropropene				0.91 U	2.46 U	2.37 U	0.16 U
Cyclohexane			10 (G)	1.1	1.86 U	1.79 U	1.0
Cymene (p-Isopropyltoluene)				1.1 U	--	--	--
Dibromochloromethane				1.7 U	4.61 U	4.44 U	0.30 U
Dichlorodifluoromethane (CFC-12)				2.5 U	2.68 U	2.58 U	2.2
Ethanol				--	46.0	45.2	42
Ethyl acetate				--	4.86 U	4.68 U	1.3 U
Ethylbenzene			10 (G)	2.0	2.35 U	2.26 U	1.2
Hexachlorobutadiene				2.1 U	5.77 U	5.56 U	0.37 U
Hexane			20 (H)	1.8 U	3.32	3.22	4.9 U
Isopropyl alcohol				23	3.32 U	3.20 U	3.4 U
Isopropyl benzene				0.98 U	--	--	--
m&p-Xylenes			20 (H)	7.3	4.69 U	4.52 U	3.6
Methyl methacrylate				2.0 U	--	--	--
Methyl tert butyl ether (MTBE)				0.72 U	1.95 U	1.88 U	0.13 U
Methylene chloride	60		10 (E)	1.7 U	4.69 U	4.52 U	1.2 U
Naphthalene			10 (G)	2.6 U	2.84 U	2.73 U	0.18 U
N-Butylbenzene				1.1 U	--	--	--
N-Heptane			20 (H)	1.9	2.22 U	2.14 U	1.7
N-Propylbenzene				0.98 U	--	--	--
o-Xylene			10 (G)	2.6	2.35 U	2.26 U	1.6
Propylene (propene)				--	--	--	6.6
Styrene				0.85 U	2.30 U	2.22 U	0.25
tert-Butyl alcohol				15 U	4.09 U	3.94 U	--
tert-Butylbenzene				1.1 U	--	--	--
Tetrachloroethene	30	300	10 (E)	1.4 U	5.70	3.99	0.24 U
Tetrahydrofuran				3.8 J	3.98 U	3.83 U	1.0 UJ
Toluene			50 (I)	9.9	7.16	6.78	6.7
trans-1,2-Dichloroethene				0.79 U	2.14 U	2.07 U	0.14 U
trans-1,3-Dichloropropene				0.91 U	2.46 U	2.37 U	0.16 U
Trichloroethene	2	20	1 (D)	1.1 U	0.291 U	0.280 U	0.19 U
Trichlorofluoromethane (CFC-11)				1.1 U	3.04 U	2.93 U	1.1
Trifluorotrichloroethane (CFC-113)				1.5 U	4.15 U	3.99 U	1.1 U
Vinyl acetate				--	--	--	2.8
Vinyl bromide (Bromoethene)				0.87 U	2.37 U	2.28 U	--
Vinyl chloride			0.2 (F)	0.51 U	0.138 U	0.133 U	0.089 U
Xylenes (total)				9.9	--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	IA-7	IA-7	IA-7
			Sample ID:	IA7-1201467-041624-BP-003	IA7-12601467-022725-BP-003	IA7-12601467-022725-BP-004
			Sample Date:	4/16/2024	2/27/2025	2/27/2025
			Sample Type:	Duplicate		Duplicate
			Matrix Code:	AI	AI	AI
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	0.19 U	0.109 U	0.109 U
1,1,2,2-Tetrachloroethane				0.24 UJ	1.37 U	1.37 U
1,1,2-Trichloroethane				0.19 U	1.09 U	1.09 U
1,1-Dichloroethane			1 (D)	0.14 U	0.809 U	0.809 U
1,1-Dichloroethene				0.14 U	0.079 U	0.079 U
1,2,4-Trichlorobenzene				0.26 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene			10 (G)	1.2	2.38	2.14
1,2-Dibromoethane (Ethylene dibromide)				0.27 U	1.54 U	1.54 U
1,2-Dichlorobenzene				0.21 U	1.20 U	1.20 U
1,2-Dichloroethane				0.14 U	0.809 U	0.809 U
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				0.16 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)				0.24 U	1.40 U	1.40 U
1,3,5-Trimethylbenzene			10 (G)	0.33	0.742 J	0.629 J
1,3-Butadiene				0.077 U	1.73	1.66
1,3-Dichlorobenzene				0.21 U	1.20 U	1.20 U
1,4-Dichlorobenzene				1.0	1.20 U	1.20 U
1,4-Dioxane				1.3 U	0.721 U	0.721 U
2,2,4-Trimethylpentane			10 (G)	--	3.53	3.27
2-Butanone (MEK)				4.1 U	1.13 J	1.20 J
2-Chlorotoluene				--	--	--
2-Hexanone				0.14 U	0.820 U	0.820 U
2-Phenylbutane (sec-Butylbenzene)				--	--	--
4-Ethyl toluene				0.18	0.551 J+	0.551 J+
4-Methyl-2-pentanon (MIBK)				0.14 U	2.05 U	2.05 U
Acetone				18	6.89	5.75
Allyl chloride				--	0.626 U	0.626 U
Benzene			10 (G)	4.6	6.74	6.13
Benzyl chloride				0.18 U	1.04 UJ	1.04 UJ
Bromodichloromethane				0.23 U	1.34 U	1.34 U
Bromoform				0.36 U	2.07 U	2.07 U
Bromomethane (Methyl bromide)				0.14 U	0.777 U	0.777 U
Butane				--	--	--
Carbon disulfide				1.1 U	0.623 U	0.623 U
Carbon tetrachloride			1 (D)	0.48	0.465	0.453
Chlorobenzene				0.16 U	0.921 U	0.921 U
Chlorodifluoromethane				--	--	--
Chloroethane				0.092 U	0.528 U	0.528 U
Chloroform (Trichloromethane)				0.17 U	0.293 J	0.977 U
Chloromethane (Methyl chloride)				1.1	1.32	0.772
cis-1,2-Dichloroethene			1 (D)	0.14 U	0.079 U	0.079 U
cis-1,3-Dichloropropene				0.16 U	0.908 U	0.908 U
Cyclohexane			10 (G)	1.2	1.70	1.22
Cymene (p-Isopropyltoluene)				--	--	--
Dibromochloromethane				0.30 U	1.70 U	1.70 U
Dichlorodifluoromethane (CFC-12)				2.4	2.32	2.27
Ethanol				46	42.4	44.8
Ethyl acetate				1.3 U	1.80 U	1.80 U
Ethylbenzene			10 (G)	1.1	2.26	2.11
Hexachlorobutadiene				0.37 U	2.13 U	2.13 U
Hexane			20 (H)	4.9 U	4.90	12.5
Isopropyl alcohol				3.4 U	13.9	36.9
Isopropyl benzene				--	--	--
m&p-Xylenes			20 (H)	3.4	7.12	6.43
Methyl methacrylate				--	--	--
Methyl tert butyl ether (MTBE)				0.13 U	0.721 U	0.721 U
Methylene chloride	60		10 (E)	1.2 U	0.660 J	0.736 J
Naphthalene			10 (G)	0.18 U	0.398 J	0.996 UJ
N-Butylbenzene				--	--	--
N-Heptane			20 (H)	2.1	2.88	2.45
N-Propylbenzene				--	--	--
o-Xylene			10 (G)	1.3	2.79	2.62
Propylene (propene)				5.8	--	--
Styrene				0.21	0.490 J	0.387 J
tert-Butyl alcohol				--	1.52 U	1.52 U
tert-Butylbenzene				--	--	--
Tetrachloroethene	30	300	10 (E)	0.24 U	0.983 U	0.651 U
Tetrahydrofuran				1.0 UJ	1.47 U	1.47 U
Toluene			50 (I)	6.3	11.8	10.9
trans-1,2-Dichloroethene				0.14 U	0.793 U	0.793 U
trans-1,3-Dichloropropene				0.16 U	0.908 U	0.908 U
Trichloroethene	2	20	1 (D)	0.19 U	0.107 U	0.107 U
Trichlorofluoromethane (CFC-11)				1.1	1.18	1.30
Trifluorotrichloroethane (CFC-113)				1.1 U	0.544 J	0.583 J
Vinyl acetate				5.5	--	--
Vinyl bromide (Bromoethene)				--	0.874 U	0.874 U
Vinyl chloride			0.2 (F)	0.089 U	0.051 U	0.051 U
Xylenes (total)				--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	OA-1	OA-1	OA-1	OA-1
			Sample ID:	OA-1	OA-1	OA-1	OA-1
			Sample Date:	03/27/2017	02/15/2018	03/06/2018	03/08/2019
			Sample Type:				
			Matrix Code:	AA	AA	AA	AA
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**				
Volatile Organic Compounds (ug/m^3)							
1,1,1-Trichloroethane			10 (E)	0.82 U	--	--	--
1,1,2,2-Tetrachloroethane				--	--	--	--
1,1,2-Trichloroethane				--	--	--	--
1,1-Dichloroethane			1 (D)	--	--	--	--
1,1-Dichloroethene				--	--	--	--
1,2,4-Trichlorobenzene				1.1 U	--	--	--
1,2,4-Trimethylbenzene			10 (G)	0.74 U	0.74 U	0.74 U	0.74 U
1,2-Dibromoethane (Ethylene dibromide)				--	--	--	--
1,2-Dichlorobenzene				0.9 U	--	--	--
1,2-Dichloroethane				--	--	--	--
1,2-Dichloroethene (total)				--	--	--	--
1,2-Dichloropropane				--	--	--	--
1,2-Dichlorotetrafluoroethane (CFC 114)				--	--	--	--
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.74 U	0.74 U	0.74 U
1,3-Butadiene				--	--	--	--
1,3-Dichlorobenzene				--	--	--	--
1,4-Dichlorobenzene				--	--	--	--
1,4-Dioxane				--	--	--	--
2,2,4-Trimethylpentane			10 (G)	0.7 U	0.56 J	0.7 U	0.7 U
2-Butanone (MEK)				1	1	0.83 J	3.5
2-Chlorotoluene				--	--	--	--
2-Hexanone				1.2 U	--	--	1.2 U
2-Phenylbutane (sec-Butylbenzene)				--	--	--	--
4-Ethyl toluene				0.74 U	0.74 U	0.74 U	0.74 U
4-Methyl-2-pentanon (MIBK)				1.2 U	1.2 U	1.2 U	1.2 UJ
Acetone				18	14	28	11 J
Allyl chloride				--	--	--	--
Benzene			10 (G)	0.61	0.96	0.48	0.64
Benzyl chloride				--	--	--	--
Bromodichloromethane				--	--	--	--
Bromoform				--	--	--	--
Bromomethane (Methyl bromide)				--	0.58 U	0.58 U	--
Butane				--	--	--	--
Carbon disulfide				0.47 U	--	--	--
Carbon tetrachloride			1 (D)	0.38	0.19 U	0.57	0.44
Chlorobenzene				--	--	--	--
Chlorodifluoromethane				--	--	--	--
Chloroethane				--	--	--	--
Chloroform (Trichloromethane)				0.73 U	--	--	--
Chloromethane (Methyl chloride)				1.1	0.95	1.1	0.97
cis-1,2-Dichloroethene			1 (D)	0.59 U	--	--	0.16 U
cis-1,3-Dichloropropene				--	--	--	--
Cyclohexane			10 (G)	0.52 U	0.52 U	0.52 U	0.52 U
Cymene (p-Isopropyltoluene)				--	--	--	--
Dibromochloromethane				--	--	--	--
Dichlorodifluoromethane (CFC-12)				2.1	2.4	2.8	2.3
Ethanol				--	--	--	--
Ethyl acetate				0.43 J	0.94	0.54 U	0.54 U
Ethylbenzene			10 (G)	0.65 U	0.65 U	0.65 U	0.65 U
Hexachlorobutadiene				--	--	--	--
Hexane			20 (H)	0.53 U	0.74	0.42 J	0.53 U
Isopropyl alcohol				3.1	3	4.3	0.76
Isopropyl benzene				--	--	--	--
m&p-Xylenes			20 (H)	--	--	--	--
Methyl methacrylate				0.56 J	1.1 J	1.3 U	1.2 J
Methyl tert butyl ether (MTBE)				0.54 U	--	--	--
Methylene chloride	60		10 (E)	1.2	1.5	1.1	0.49 J
Naphthalene			10 (G)	--	--	--	--
N-Butylbenzene				--	--	--	--
N-Heptane			20 (H)	0.61 U	0.53 J	0.61 U	0.9
N-Propylbenzene				--	--	--	--
o-Xylene			10 (G)	0.65 U	0.65 U	0.65 U	0.65 U
Propylene (propene)				--	--	--	--
Styrene				0.64 U	0.64 U	0.64 U	0.64 U
tert-Butyl alcohol				--	--	--	--
tert-Butylbenzene				--	--	--	--
Tetrachloroethene	30	300	10 (E)	1 U	1.8	1 U	0.75 J
Tetrahydrofuran				0.44 U	0.44 U	0.44 U	--
Toluene			50 (I)	1.9	4.6	0.98	5.4
trans-1,2-Dichloroethene				0.59 U	0.59 U	0.59 U	--
trans-1,3-Dichloropropene				--	--	--	--
Trichloroethene	2	20	1 (D)	0.86	0.16 U	0.16 U	0.16 U
Trichlorofluoromethane (CFC-11)				1.6	1.6	1.6	1.1
Trifluorotrichloroethane (CFC-113)				1.1 U	--	--	--
Vinyl acetate				--	--	--	--
Vinyl bromide (Bromoethene)				--	--	--	--
Vinyl chloride			0.2 (F)	--	--	--	--
Xylenes (total)				--	--	--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	OA-1	OA-1	OA-1
			Sample ID:	OA-1	OA-1	OA1-11219404-031121-BP-002
			Sample Date:	03/26/2019	02/19/2020	03/11/2021
			Sample Type:			
			Matrix Code:	AA	AA	AA
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	--	--	0.2 U
1,1,2,2-Tetrachloroethane				--	--	0.29 U
1,1,2-Trichloroethane				--	--	0.2 U
1,1-Dichloroethane			1 (D)	--	--	0.17 U
1,1-Dichloroethene				--	--	0.15 U
1,2,4-Trichlorobenzene				--	--	1.6 U
1,2,4-Trimethylbenzene			10 (G)	0.74 U	--	0.23 J
1,2-Dibromoethane (Ethylene dibromide)				--	--	0.38 U
1,2-Dichlorobenzene				--	--	0.58 U
1,2-Dichloroethane				--	--	0.13 U
1,2-Dichloroethene (total)				--	--	--
1,2-Dichloropropane				--	--	0.15 U
1,2-Dichlorotetrafluoroethane (CFC 114)				--	--	0.24 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	--	0.19 U
1,3-Butadiene				--	--	0.13 UJ
1,3-Dichlorobenzene				--	--	0.66 U
1,4-Dichlorobenzene				--	--	0.72 U
1,4-Dioxane				--	--	0.3 U
2,2,4-Trimethylpentane			10 (G)	0.7 U	--	0.2 J
2-Butanone (MEK)				0.68 J	0.62 J	1.1 J
2-Chlorotoluene				--	--	0.22 U
2-Hexanone				1.2 U	--	0.2 U
2-Phenylbutane (sec-Butylbenzene)				--	--	0.19 U
4-Ethyl toluene				0.74 U	--	0.2 U
4-Methyl-2-pentanon (MIBK)				1.2 U	--	0.15 U
Acetone				5.8	17	13
Allyl chloride				--	--	0.2 U
Benzene			10 (G)	0.45 J	0.42 J	0.6 J
Benzyl chloride				--	--	0.44 U
Bromodichloromethane				--	--	0.23 U
Bromoform				--	--	0.5 U
Bromomethane (Methyl bromide)				--	--	0.2 U
Butane				--	--	3.2
Carbon disulfide				--	--	0.23 U
Carbon tetrachloride			1 (D)	0.31	0.5	0.51
Chlorobenzene				--	--	0.26 U
Chlorodifluoromethane				--	--	1.5 J
Chloroethane				--	--	0.14 U
Chloroform (Trichloromethane)				--	--	0.16 U
Chloromethane (Methyl chloride)				1.3	0.95	1.1
cis-1,2-Dichloroethene			1 (D)	0.16 U	--	0.18 U
cis-1,3-Dichloropropene				--	--	0.15 U
Cyclohexane			10 (G)	0.52 U	--	0.16 U
Cymene (p-Isopropyltoluene)				--	--	0.21 U
Dibromochloromethane				--	--	0.31 U
Dichlorodifluoromethane (CFC-12)				2.9	2.6	2.7
Ethanol				--	--	30
Ethyl acetate				0.54 U	--	--
Ethylbenzene			10 (G)	0.65 U	--	0.27 U
Hexachlorobutadiene				--	--	0.81 U
Hexane			20 (H)	0.53 U	0.53 U	14 J
Isopropyl alcohol				3.7	1	3.1 J
Isopropyl benzene				--	--	0.17 U
m&p-Xylenes			20 (H)	--	--	0.61 J
Methyl methacrylate				1.3 U	1.3 U	0.14 U
Methyl tert butyl ether (MTBE)				--	--	0.12 U
Methylene chloride	60		10 (E)	0.59	0.49 J	6.6 U
Naphthalene			10 (G)	--	--	0.89 U
N-Butylbenzene				--	--	0.21 UJ
N-Heptane			20 (H)	0.45 J	0.45 J	0.23 U
N-Propylbenzene				--	--	0.19 U
o-Xylene			10 (G)	0.65 U	--	0.27 J
Propylene (propene)				--	--	--
Styrene				0.64 U	--	0.17 U
tert-Butyl alcohol				--	--	0.24 J
tert-Butylbenzene				--	--	0.19 U
Tetrachloroethene	30	300	10 (E)	1 U	--	0.22 U
Tetrahydrofuran				--	--	0.19 U
Toluene			50 (I)	0.57	0.94	0.93
trans-1,2-Dichloroethene				--	--	0.17 U
trans-1,3-Dichloropropene				--	--	0.18 U
Trichloroethene	2	20	1 (D)	0.16 U	--	0.19 U
Trichlorofluoromethane (CFC-11)				2	1.3	1.3
Trifluorotrichloroethane (CFC-113)				--	--	0.46 J
Vinyl acetate				--	--	--
Vinyl bromide (Bromoethene)				--	--	0.23 U
Vinyl chloride			0.2 (F)	--	--	0.11 U
Xylenes (total)				--	--	0.88 J

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	OA-1	OA-1	OA-1
			Sample ID:	AS-11219404-032422-KH-004	OA1-12601467-030723-BP-005	OA1-12601467-030524-BP-005
			Sample Date:	03/24/2022	03/07/2023	3/5/2024
			Sample Type:			
			Matrix Code:	AA	AA	AA
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**			
Volatile Organic Compounds (ug/m^3)						
1,1,1-Trichloroethane			10 (E)	0.82 U	1.1 U	0.543 U
1,1,2,2-Tetrachloroethane				1 U	1.4 U	6.83 U
1,1,2-Trichloroethane				0.82 U	1.1 U	5.43 U
1,1-Dichloroethane			1 (D)	0.61 U	0.81 U	4.03 U
1,1-Dichloroethene				0.16 U	0.79 U	0.395 U
1,2,4-Trichlorobenzene				1.1 U	3.7 U	7.39 U
1,2,4-Trimethylbenzene			10 (G)	0.74 U	0.98 U	4.89 U
1,2-Dibromoethane (Ethylene dibromide)				1.2 U	1.5 U	7.65 U
1,2-Dichlorobenzene				0.9 U	1.2 U	5.98 U
1,2-Dichloroethane				0.61 U	0.81 U	4.03 U
1,2-Dichloroethene (total)				--	1.6 U	--
1,2-Dichloropropane				0.69 U	0.92 U	4.60 U
1,2-Dichlorotetrafluoroethane (CFC 114)				1 U	1.4 U	6.95 U
1,3,5-Trimethylbenzene			10 (G)	0.74 U	0.98 U	4.89 U
1,3-Butadiene				0.33 U	0.44 U	2.20 U
1,3-Dichlorobenzene				0.9 U	1.2 U	5.98 U
1,4-Dichlorobenzene				0.9 U	1.2 U	5.98 U
1,4-Dioxane				1.1 U	18 U	3.59 U
2,2,4-Trimethylpentane			10 (G)	0.7 U	0.93 U	4.65 U
2-Butanone (MEK)				1.8	1.5 U	7.34 U
2-Chlorotoluene				--	1.0 U	--
2-Hexanone				1.2 U	2.0 U	4.08 U
2-Phenylbutane (sec-Butylbenzene)				--	1.1 U	--
4-Ethyl toluene				0.74 U	0.98 U	4.89 U
4-Methyl-2-pentanon (MIBK)				1.2 U	2.0 U	10.2 U
Acetone				17	12 U	127
Allyl chloride				0.47 U	1.6 U	3.11 U
Benzene			10 (G)	0.48	0.64 U	3.18 U
Benzyl chloride				0.86 U	1.0 U	5.15 U
Bromodichloromethane				1 U	1.3 U	6.67 U
Bromoform				1.6 U	2.1 U	10.3 U
Bromomethane (Methyl bromide)				0.58 U	0.78 U	3.86 U
Butane				--	2.4 U	--
Carbon disulfide				0.47 U	1.6 U	3.10 U
Carbon tetrachloride			1 (D)	0.44	1.3 U	0.626 U
Chlorobenzene				0.69 U	0.92 U	4.58 U
Chlorodifluoromethane				--	8.9 U	--
Chloroethane				0.4 U	1.3 U	2.63 U
Chloroform (Trichloromethane)				0.73 U	0.98 U	4.86 U
Chloromethane (Methyl chloride)				1	1.4 U	2.05 U
cis-1,2-Dichloroethene			1 (D)	0.16 U	0.79 U	0.395 U
cis-1,3-Dichloropropene				0.68 U	0.91 U	4.52 U
Cyclohexane			10 (G)	0.52 U	0.69 U	3.42 U
Cymene (p-Isopropyltoluene)				--	1.1 U	--
Dibromochloromethane				1.3 U	1.7 U	8.48 U
Dichlorodifluoromethane (CFC-12)				2.7	2.5 U	4.92 U
Ethanol				--	--	46.9 U
Ethyl acetate				0.54 U	--	8.97 U
Ethylbenzene			10 (G)	0.65 U	0.87 U	4.32 U
Hexachlorobutadiene				1.6 U	2.1 U	10.6 U
Hexane			20 (H)	0.53	1.8 U	3.51 U
Isopropyl alcohol				6.4	12 U	6.12 U
Isopropyl benzene				--	0.98 U	--
m&p-Xylenes			20 (H)	1.3 U	2.2 U	8.64 U
Methyl methacrylate				--	2.0 U	--
Methyl tert butyl ether (MTBE)				0.54 U	0.72 U	3.59 U
Methylene chloride	60		10 (E)	1	1.7 U	8.65 U
Naphthalene			10 (G)	--	2.6 U	5.22 U
N-Butylbenzene				--	1.1 U	--
N-Heptane			20 (H)	0.94	0.82 U	4.08 U
N-Propylbenzene				--	0.98 U	--
o-Xylene			10 (G)	0.65 U	0.87 U	4.32 U
Propylene (propene)				0.26 U	--	--
Styrene				0.64 U	0.85 U	4.24 U
tert-Butyl alcohol				--	15 U	7.55 U
tert-Butylbenzene				--	1.1 U	--
Tetrachloroethene	30	300	10 (E)	1 U	1.4 U	**43.6 J[a]**
Tetrahydrofuran				0.44 U	15 U	7.34 U
Toluene			50 (I)	1.8	0.75 U	3.75 U
trans-1,2-Dichloroethene				0.59 U	0.79 U	3.95 U
trans-1,3-Dichloropropene				0.68 U	0.91 U	4.52 U
Trichloroethene	2	20	1 (D)	0.16 U	1.1 U	0.535 U
Trichlorofluoromethane (CFC-11)				1.5	1.1 U	5.59 U
Trifluorotrichloroethane (CFC-113)				1.1 U	1.5 U	7.63 U
Vinyl acetate				0.53 U	--	--
Vinyl bromide (Bromoethene)				0.66 U	0.87 U	4.35 U
Vinyl chloride			0.2 (F)	0.1 U	0.51 U	0.254 U
Xylenes (total)				--	3.0 U	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

			Sample Location:	OA-1	OA-1
			Sample ID:	OA1-1201467-041624-BP-005	OA1-12601467-022725-BP-005
			Sample Date:	4/16/2024	2/27/2025
			Sample Type:		
			Matrix Code:	AA	AA
Parameters	**NYSDOH Guidance Value (a)**	**NYSDOH Immediate Action Level (b)**	**NYSDOH Matrix Concentrations (c)**		
Volatile Organic Compounds (ug/m^3)					
1,1,1-Trichloroethane			10 (E)	0.19 U	0.109 U
1,1,2,2-Tetrachloroethane				0.24 UJ	1.37 U
1,1,2-Trichloroethane				0.19 U	1.09 U
1,1-Dichloroethane			1 (D)	0.14 U	0.809 U
1,1-Dichloroethene				0.14 U	0.079 U
1,2,4-Trichlorobenzene				0.26 U	1.48 U
1,2,4-Trimethylbenzene			10 (G)	3.3	0.983 U
1,2-Dibromoethane (Ethylene dibromide)				0.27 U	1.54 U
1,2-Dichlorobenzene				0.21 U	1.20 U
1,2-Dichloroethane				0.14 U	0.809 U
1,2-Dichloroethene (total)				--	--
1,2-Dichloropropane				0.16 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)				0.24 U	1.40 U
1,3,5-Trimethylbenzene			10 (G)	0.53	0.983 U
1,3-Butadiene				0.077 U	0.442 U
1,3-Dichlorobenzene				0.21 U	1.20 U
1,4-Dichlorobenzene				0.21 U	1.20 U
1,4-Dioxane				1.3 U	0.721 U
2,2,4-Trimethylpentane			10 (G)	--	0.416 J
2-Butanone (MEK)				4.1 U	0.885 J
2-Chlorotoluene				--	--
2-Hexanone				0.14 U	0.820 U
2-Phenylbutane (sec-Butylbenzene)				--	--
4-Ethyl toluene				0.31	0.983 U
4-Methyl-2-pentanon (MIBK)				0.14 U	2.05 U
Acetone				62	9.43
Allyl chloride				--	0.626 U
Benzene			10 (G)	0.67	0.649
Benzyl chloride				0.18 U	1.04 UJ
Bromodichloromethane				0.23 U	1.34 U
Bromoform				0.36 U	2.07 U
Bromomethane (Methyl bromide)				0.14 U	0.777 U
Butane				--	--
Carbon disulfide				1.1 U	0.623 U
Carbon tetrachloride			1 (D)	0.49	0.491
Chlorobenzene				0.16 U	0.921 U
Chlorodifluoromethane				--	--
Chloroethane				0.092 U	0.528 U
Chloroform (Trichloromethane)				0.17 U	0.977 U
Chloromethane (Methyl chloride)				1.1	1.34
cis-1,2-Dichloroethene			1 (D)	0.14 U	0.079 U
cis-1,3-Dichloropropene				0.16 U	0.908 U
Cyclohexane			10 (G)	0.37	0.688 U
Cymene (p-Isopropyltoluene)				--	--
Dibromochloromethane				0.30 U	1.70 U
Dichlorodifluoromethane (CFC-12)				2.3	2.66
Ethanol				29	6.67 J
Ethyl acetate				3.5	1.80 U
Ethylbenzene			10 (G)	0.98	0.869 U
Hexachlorobutadiene				0.37 U	2.13 U
Hexane			20 (H)	4.9 U	0.747
Isopropyl alcohol				6.6	2.38 J
Isopropyl benzene				--	--
m&p-Xylenes			20 (H)	3.9	0.582 J
Methyl methacrylate				--	--
Methyl tert butyl ether (MTBE)				0.13 U	0.721 U
Methylene chloride	60		10 (E)	1.2 U	0.667 J
Naphthalene			10 (G)	0.53	0.996 UJ
N-Butylbenzene				--	--
N-Heptane			20 (H)	0.72	0.410 J
N-Propylbenzene				--	--
o-Xylene			10 (G)	1.8	0.869 U
Propylene (propene)				2.4 U	--
Styrene				0.51	0.852 U
tert-Butyl alcohol				--	1.52 U
tert-Butylbenzene				--	--
Tetrachloroethene	30	300	10 (E)	0.27	0.644 U
Tetrahydrofuran				1.0 UJ	1.47 U
Toluene			50 (I)	4.1	0.957
trans-1,2-Dichloroethene				0.14 U	0.793 U
trans-1,3-Dichloropropene				0.16 U	0.908 U
Trichloroethene	2	20	1 (D)	0.19 U	0.107 U
Trichlorofluoromethane (CFC-11)				1.1	1.24
Trifluorotrichloroethane (CFC-113)				1.1 U	0.567 J
Vinyl acetate				2.5 U	--
Vinyl bromide (Bromoethene)				--	0.874 U
Vinyl chloride			0.2 (F)	0.089 U	0.051 U
Xylenes (total)				--	--

Table 1
Indoor Air Sampling Analytical Results Summary
NYSDEC Site: #130020
GHD Project No.: 12601467

Footnotes:

ug/m3 = micrograms per cubic meter; U = Not detected at the associated reporting limit; J = Estimated concentration; UJ = Not detected, associated reporting limit is estimated; -- Indicates data not available.

MIBK - Methyl Isobutyl Ketone; MEK - Methyl Ethyl Ketone

Samples prior to March 2021 were collected by another consultant and their report tables only included analytes detected above laboratory reporting limits.

Exceedances[abc] - Exceeded NYSDOH Criteria.

(a) NYSDOH Guidance Values taken from the NYSDOH Soil Vapor Intrusion Guidance, October 2006 and subsequent addenda. Blank cells indicate no guidance value has been established

(b) NYSDOH Immediate Action Levels taken from the NYSDOH Soil Vapor Intrusion Guidance, October 2006 and subsequent addenda. Blank cells indicate no immediate action level has been established.

(c) NYSDOH Matrix Concentrations taken from the NYSDOH Soil Vapor Intrusion Guidance, October 2006 and subsequent addenda. Blank cells indicate no matrix has been established.

(D) NYSDOH Soil Vapor/Indoor Air Matrix A
If indoor air concentration 1 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

(E) NYSDOH Soil Vapor/Indoor Air Matrix B
If indoor air concentration 10 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

(F) NYSDOH Soil Vapor/Indoor Air Matrix C
If indoor air concentration 0.2 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

(G) NYSDOH Soil Vapor/Indoor Air Matrix D
If indoor air concentration 10 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

(H) NYSDOH Soil Vapor/Indoor Air Matrix E
If indoor air concentration 20 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

(I) NYSDOH Soil Vapor/Indoor Air Matrix F
If indoor air concentration 50 ug/m3 or above, identify source and resample or mitigate (dependent on sub-slab vapor concentrations for full evaluation)

Appendices

Appendix A

Quarterly Inspection Forms

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 6-18-21
Arrival Time: 0730
Departure Time:

Inspector (Print): MATT PELLI
Inspector (Signature):
Weather Conditions: clear 68

Reason for Visit (Check all that apply):

Quarterly O&M [X]
Samples Collected [ ]
Other [ ]

Response to Alarm [ ]
List Samples:
Describe:

System Running on Arrival? YES ~~NO~~
~~OFF~~ Blower 1: ~~ON~~ ~~OFF~~
Valve Position: OPEN ~~CLOSED~~ Amount (%): 10
Blower 2: ~~ON~~ OFF
Valve Position: ~~OPEN~~ CLOSED Amount (%): 100

SSD SYSTEM LOG
Page 1 of 2

SSD Equipment Enclosure

SSD Equipment	Reading	Units	Notes
Dilution Valve Position	0	% open	
Heat Trace - Vapor Liquid Separator	OFF	On/Off	
Header AB Differential Pressure	0.31	in. H_2O	
Header CD Differential Pressure	0.42	in. H_2O	
Header AB Vacuum	11.5	in. H_2O	
Header CD Vacuum in SSD Enclosure	11.5	in. H_2O	
Blower Intake Vacuum	32	in. H_2O	
Vapor Liquid Separator Vacuum	16	in. H_2O	
Blower Exhaust Temperature	120	° F	
1,000-Gallon Holding Tank Water Height	21.5	in.	
Water Height (in.) x 18.6 =	400	gal.	

PLC/Control Panel Readings	Reading	Units
Header AB Differential Pressure (PDT-AB)	0.39	in. H_2O
Header CD Differential Pressure (PDT-CD)	0.10	in. H_2O
Header AB Vacuum (VT-AB)	.90	in. H_2O
Header CD Vacuum in SSD Enclosure (VT-CD-1)	9.5	in. H_2O
Header CD Vacuum in Empire Sports (VT-CD-2)	10.0	in. H_2O
Vapor Liquid Separator Vacuum (VT-VLS)	16	in. H_2O
Blower Intake Vacuum (VT-INLET)	17	in. H_2O
Blower 1 Electrical Current (CT-1)	0	Amps
Blower 2 Electrical Current (CT-2)	29.	Amps
Blower Exhaust Temperature (TT)	124	° F
1,000-Gallon Holding Tank Level (LT)	35	%

Equipment Hour Meter			
Blower 1	25,331.5		hours
Blower 2	27,124.4		hours
VLS Xfer Pump	5.1		hours

Site Building Header Drains

SSD Header Pipe Drains	Volume	Units	Notes
Header AB Dicom (Drain-AB1)	DRY	gal.	
Header CD Dicom (Drain-CD1)	DRY	gal.	
Header AB Empire Sports (Drain-AB2)	DRY	gal.	
Header CD Empire Sports (Drain-CD2)	DRY	gal.	
Header AB UL Lighting (Drain-AB3)	0.25	gal.	5th Avenue.
Header AB E Kitchen Buy (Drain-AB4)	DRY	gal.	APO

6-18-24 MP

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

SSD SYSTEM LOG
Page 2 of 2

SSD Extraction Points

	SSD Point	Location	Vacuum Reading	(a) Diff. Press. Reading	Valve Position	Notes
Header A	SSD-A1	Sid Harvey	4 in. H_2O	0.23 in. H_2O	100 % open	
	SSD-A2	Sid Harvey	6 in. H_2O	0.10 in. H_2O	100 % open	
	SSD-A3	~~E Kitchen Buy~~	4 in. H_2O	0.10 in. H_2O	100 % open	APO
	SSD-A4	~~E Kitchen Buy~~	7 in. H_2O	.25 in. H_2O	100 % open	APO
	SSD-A5	Watchtower PPE Supplies, Inc.	3 in. H_2O	0.3 in. H_2O	100 % open	
	SSD-A6	Watchtower PPE Supplies, Inc.	4 in. H_2O	0.1 in. H_2O	100 % open	1
	SSD-A7	~~UL Lighting~~	5 in. H_2O	0.10 in. H_2O	100 % open	5th Floor
	SSD-A8	~~UL Lighting~~	5 in. H_2O	0.10 in. H_2O	100 % open	5th Floor
Header B	SSD-B1	Sid Harvey	5 in. H_2O	0.22 in. H_2O	100 % open	
	SSD-B2	Sid Harvey	4 in. H_2O	0.11 in. H_2O	100 % open	
	SSD-B3	~~E Kitchen Buy~~	6 in. H_2O	0.11 in. H_2O	100 % open	APO
	SSD-B4	~~E Kitchen Buy~~	4 in. H_2O	1.5 in. H_2O	100 % open	APO
	SSD-B5	Watchtower PPE Supplies, Inc.	5 in. H_2O	0.12 in. H_2O	100 % open	Cold metal Bakery
	SSD-B6	Watchtower PPE Supplies, Inc.	6 in. H_2O	0.10 in. H_2O	100 % open	Cold metal Bakery
	SSD-B7	~~UL Lighting~~	7 in. H_2O	0.1 in. H_2O	100 % open	5th Floor
	SSD-B8	~~UL Lighting~~	6 in. H_2O	0.13 in. H_2O	100 % open	5th Floor
Header C	SSD-C1	Royal Charms	8 in. H_2O	0.2 in. H_2O	100 % open	
	SSD-C2	Royal Charms	8 in. H_2O	0.20 in. H_2O	100 % open	0.20 DIFF
	SSD-C3	Royal Charms	in. H_2O	in. H_2O	% open	inaccessable.
	SSD-C4	~~Empire Sports~~	7.5 in. H_2O	0.05 in. H_2O	% open	Teso Life
	SSD-C5	~~Empire Sports~~	7 in. H_2O	0.06 in. H_2O	100 % open	Teso Life
	SSD-C6	~~Empire Sports~~	7.5 in. H_2O	0.11 in. H_2O	100 % open	Teso Life
	SSD-C7	~~Empire Sports~~	8.5 in. H_2O	0.10 in. H_2O	100 % open	Teso Life.
Header D	SSD-D1	NYC Mode	8 in. H_2O	0.06 in. H_2O	100 % open	
	SSD-D2	~~Empire Sports (NAA)~~	8 in. H_2O	1.0 in. H_2O	% open	Teso Life
	SSD-D3	~~Empire Sports~~	7.5 in. H_2O	0.22 in. H_2O	100 % open	Teso Life
	SSD-D4	~~Empire Sports~~	7.5 in. H_2O	0.0 in. H_2O	100 % open	Teso Life
	SSD-D5	~~Empire Sports~~	7 in. H_2O	0.25 in. H_2O	100 % open	Teso Life
	SSD-D6	Capstone Log.	8 in. H_2O	0.6 in. H_2O	100 % open	
Temperature	Leg A	Sid Harvey	70 °F			
	Leg B	Sid Harvey	70 °F			
	Leg C	Empire Sports	66 °F			Teso Life
	Leg D	Empire Sports	66 °F			Teso Life.

a) Differential pressure readings to be collected annually.

NOTES:

8 0.06

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 6-18-24
Arrival Time: 0730
Departure Time:

Inspector (Print): Matt Prelli
Inspector (Signature):
Weather Conditions: clear- 83

Reason for Visit (Check all that apply):

Quarterly O&M ☒ Response to Alarm ☐
Samples Collected ☐ List Samples:
Other ☐ Describe:

System Running on Arrival? YES NO YES
Blower 1: ON OFF
Valve Position: OPEN CLOSED Amount (%): 100
Blower 2: ON OFF
Valve Position: OPEN CLOSED Amount (%): 100

SSD SYSTEM QUARTERLY O&M CHECKLIST
Page 1 of 1

Quarterly O&M Checklist

Checklist	Notes
☑ Inspect water holding tank. Note water level.	See attached
☑ Inspect heat tracing and insulation. Note any damage.	PASS
☑ Inspect and clean blower and dilution air intake particulate filters. Replace as needed.	PASS
☑ Test vapor liquid separator transfer pump.	Bumped
☑ Inspect wiring, instrumentation, and equipment in Enclosure. Note any damage.	PASS
☑ Inspect piping in Enclosure. Note any damage.	PASS
☑ Take readings from SSD Enclosure.	See Attached
☑ Inspect all overhead piping and pipe hangers.	PASS
☑ Drain condensate from header drain ports.	See attached
☑ Inspect each SSD extraction point. Note any damage.	PASS
☑ Collect readings from each extraction point.	See Attached
☑ Evaluate building for significant changes.*	PASS
☑ Attach copies of any receipts/invoices to this checklist.	N/A

*For example: new floor penetrations, equipment, changes in building occupancy, etc.

Description of Activities Performed During Site Visit:

Sketches/Other/Miscellaneous/Parts Needed

Note: Please add additional pages as necessary for notes/sketches.

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 9/5/2024
Arrival Time: 0630
Departure Time: 1230

Inspector (Print): Lee
Inspector (Signature):
Weather Conditions: Clear 68°

Reason for Visit (Check all that apply):

Quarterly O&M ☒
Samples Collected ☐
Other ☐

Response to Alarm ☐
List Samples:
Describe: N/A

System Running on Arrival? YES NO
Blower 1: ~~ON~~ OFF
Valve Position: OPEN CLOSED Amount (%): 100%
Blower 2: ON ~~OFF~~
Valve Position: OPEN ~~CLOSED~~ Amount (%): 100%

SSD SYSTEM LOG
Page 1 of 2

SSD Equipment Enclosure

SSD Equipment	Reading	Units	Notes
Dilution Valve Position	0	% open	
Heat Trace - Vapor Liquid Separator	ON	On/Off	
Header AB Differential Pressure	0.31	in. H_2O	
Header CD Differential Pressure	6.42	in. H_2O	
Header AB Vacuum	11	in. H_2O	
Header CD Vacuum in SSD Enclosure	11.8	in. H_2O	
Blower Intake Vacuum	32	in. H_2O	
Vapor Liquid Separator Vacuum	20.1	in. H_2O	
Blower Exhaust Temperature	120	° F	
1,000-Gallon Holding Tank Water Height	36.5	in.	
Water Height (in.) x 18.6 =	669.6	gal.	

PLC/Control Panel Readings	Reading	Units
Header AB Differential Pressure (PDT-AB)	0.374	in. H_2O
Header CD Differential Pressure (PDT-CD)	0.133	in. H_2O
Header AB Vacuum (VT-AB)	9.1	in. H_2O
Header CD Vacuum in SSD Enclosure (VT-CD-1)	9.5	in. H_2O
Header CD Vacuum in Empire Sports (VT-CD-2)	10.5	in. H_2O
Vapor Liquid Separator Vacuum (VT-VLS)	16.4	in. H_2O
Blower Intake Vacuum (VT-INLET)	20.7	in. H_2O
Blower 1 Electrical Current (CT-1)	0	Amps
Blower 2 Electrical Current (CT-2)	29.1	Amps
Blower Exhaust Temperature (TT)	120.4	° F
1,000-Gallon Holding Tank Level (LT)	36.4	%

Equipment Hour Meter		
Blower 1	25,331	hours
Blower 2	29,044	hours
VLS Xfer Pump	5.2	hours

Site Building Header Drains

SSD Header Pipe Drains	Volume	Units	Notes
Header AB Dicom (Drain-AB1)	0	gal.	
Header CD Dicom (Drain-CD1)	0	gal.	
Header AB ~~Empire Sports~~ (Drain-AB2) TCSO LITE	0	gal.	
Header ~~CD Empire~~ Sports (Drain-CD2) TCSO LITE	0	gal.	
Header AB UL Lighting (Drain-AB3)	0	gal.	
Header AB E Kitchen Buy (Drain-AB4)	0	gal.	

SSD SYSTEM LOG
Page 2 of 2

SSD Extraction Points

	SSD Point	Location	Vacuum Reading	(a) Diff. Press. Reading	Valve Position	Notes
Header A	SSD-A1	Sid Harvey	4 in. H_2O	.18 in. H_2O	100 % open	
	SSD-A2	Sid Harvey	6 in. H_2O	.1 in. H_2O	100 % open	
	SSD-A3	~~E Kitchen Buy~~	4 in. H_2O	.15 in. H_2O	% open	APO
	SSD-A4	~~E Kitchen Buy~~	3 in. H_2O	.26 in. H_2O	% open	APO
	SSD-A5	Watchtower PPE Supplies, Inc.	in. H_2O	in. H_2O	% open	GOLD MEDAL BAKERY *
	SSD-A6	Watchtower PPE Supplies, Inc.	in. H_2O	in. H_2O	% open	
	SSD-A7	~~UL Lighting~~	5 in. H_2O	.10 in. H_2O	100 % open	5th AVE
	SSD-A8	~~UL Lighting~~	5 in. H_2O	.14 in. H_2O	100 % open	5th AVE
Header B	SSD-B1	Sid Harvey	7.5 in. H_2O	.15 in. H_2O	100 % open	
	SSD-B2	Sid Harvey	4.5 in. H_2O	.11 in. H_2O	100 % open	
	SSD-B3	~~E Kitchen Buy~~	6 in. H_2O	.07 in. H_2O	100 % open	APO
	SSD-B4	~~E Kitchen Buy~~	N/A in. H_2O	in. H_2O	% open	APO ACCESS BLOCKED *
	SSD-B5	Watchtower PPE Supplies, Inc.	in. H_2O	in. H_2O	% open	GOLD MEDAL BAKERY
	SSD-B6	Watchtower PPE Supplies, Inc.	in. H_2O	in. H_2O	% open	GOLD MEDAL BAKERY
	SSD-B7	~~UL Lighting~~	6 in. H_2O	.10 in. H_2O	100 % open	5th AVE
	SSD-B8	~~UL Lighting~~	6 in. H_2O	.14 in. H_2O	100 % open	5th AVE
Header C	SSD-C1	Royal Charms	in. H_2O	in. H_2O	% open	NOT ACCESSABLE *
	SSD-C2	Royal Charms	in. H_2O	in. H_2O	% open	
	SSD-C3	Royal Charms	in. H_2O	in. H_2O	% open	
	SSD-C4	~~Empire Sports~~	7.75 in. H_2O	.05 in. H_2O	100 % open	TESO LITE (IN ROW 5)
	SSD-C5	~~Empire Sports~~	8.25 in. H_2O	.07 in. H_2O	100 % open	TESO LITE
	SSD-C6	~~Empire Sports~~	8.25 in. H_2O	0.09 in. H_2O	100 % open	TESO LITE
	SSD-C7	~~Empire Sports~~	8.5 in. H_2O	0.06 in. H_2O	100 % open	TESO LITE
Header D	SSD-D1	NYC Mode	in. H_2O	in. H_2O	% open	NOT AVAILABLE *
	SSD-D2	~~Empire Sports~~ (NAA)	8.5 in. H_2O	.16 in. H_2O	100 % open	TESO LITE
	SSD-D3	~~Empire Sports~~	7.50 in. H_2O	.14 in. H_2O	100 % open	TESO LITE
	SSD-D4	~~Empire Sports~~	7.75 in. H_2O	.14 in. H_2O	100 % open	TESO LITE
	SSD-D5	~~Empire Sports~~	7.5 in. H_2O	.22 in. H_2O	100 % open	TESO LITE
	SSD-D6	Capstone Log.	8 in. H_2O	.10 in. H_2O	100 % open	
Temperature	Leg A	Sid Harvey	70 °F			
	Leg B	Sid Harvey	70 °F			
	Leg C	~~Empire Sports~~	70 °F			TESO LITE
	Leg D	~~Empire Sports~~	70 °F			TESO LITE

a) Differential pressure readings to be collected annually.

NOTES:

TESO LITE NOT AVAILABLE UNTIL AT LEAST 10:30 AM

WATCHTOWER (GOLD MEDAL BAKERY) NOT ACCESSABLE

SPOKE TO ADMIN / UNABLE TO GET ACCESS DUE TO ALARMS
NYC MODE / ROYAL CHARMS / GOLD MEDAL BAKERY (UNABLE TO ACCESS DUE TO ALARMS)

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 9.25-2024
Arrival Time: 0630
Departure Time: 1230

Inspector (Print): LLL
Inspector (Signature):
Weather Conditions: Cloudy 68

Reason for Visit (Check all that apply):

Quarterly O&M ☑
Samples Collected ☐
Other ☐

Response to Alarm ☐
List Samples:
Describe: n/a

System Running on Arrival? (YES) NO
Blower 1: ON (OFF)
Valve Position: OPEN (CLOSED) Amount (%): 100%
Blower 2: (ON) OFF
Valve Position: (OPEN) CLOSED Amount (%): 100%

SSD SYSTEM QUARTERLY O&M CHECKLIST
Page 1 of 1

Quarterly O&M Checklist

Checklist	Notes
☑ Inspect water holding tank. Note water level.	See ATTACHED
☑ Inspect heat tracing and insulation. Note any damage.	PASS
☑ Inspect and clean blower and dilution air intake particulate filters. Replace as needed.	Done
☑ Test vapor liquid separator transfer pump.	Bumped
☑ Inspect wiring, instrumentation, and equipment in Enclosure. Note any damage.	PASS
☑ Inspect piping in Enclosure. Note any damage.	PASS
☑ Take readings from SSD Enclosure.	See ATTACHED
☑ Inspect all overhead piping and pipe hangers.	PASS
☑ Drain condensate from header drain ports.	0 Condensation
☑ Inspect each SSD extraction point. Note any damage.	See ATTACHED PASS
☑ Collect readings from each extraction point.	See ATTACHED
☑ Evaluate building for significant changes.*	PASS
☑ Attach copies of any receipts/invoices to this checklist.	N/A

*For example: new floor penetrations, equipment, changes in building occupancy, etc.

Description of Activities Performed During Site Visit:

Mum BACK TREE IN System ENCLOSURE

Sketches/Other/Miscellaneous/Parts Needed

Note: Please add additional pages as necessary for notes/sketches.

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 12-17-2024
Arrival Time: 0630
Departure Time: 1200

Inspector (Print): Lee R
Inspector (Signature):
Weather Conditions: Cloudy breezy 50°

Reason for Visit (Check all that apply):

Quarterly O&M ☒
Samples Collected ☐
Other ☐

Response to Alarm ☐
List Samples: N/A
Describe:

System Running on Arrival? (YES) ~~NO~~
Blower 1: ON ~~OFF~~
Valve Position: OPEN ~~CLOSED~~ Amount (%):
Blower 2: ~~ON~~ OFF
Valve Position: (OPEN) CLOSED Amount (%): 100

SSD SYSTEM LOG
Page 1 of 2

SSD Equipment Enclosure

SSD Equipment	Reading	Units	Notes
Dilution Valve Position	0	% open	Closed
Heat Trace - Vapor Liquid Separator	ON	On/Off	
Header AB Differential Pressure	.17	in. H_2O	
Header CD Differential Pressure	.09	in. H_2O	
Header AB Vacuum	14	in. H_2O	
Header CD Vacuum in SSD Enclosure	13.5	in. H_2O	
Blower Intake Vacuum	34	in. H_2O	
Vapor Liquid Separator Vacuum	.10	in. H_2O	
Blower Exhaust Temperature	101	°F	
1,000-Gallon Holding Tank Water Height		in.	
Water Height (in.) x 18.6 =	669.6	(gal.)	

PLC/Control Panel Readings	Reading	Units
Header AB Differential Pressure (PDT-AB)	.458	in. H_2O
Header CD Differential Pressure (PDT-CD)	.274	in. H_2O
Header AB Vacuum (VT-AB)	9.1	in. H_2O
Header CD Vacuum in SSD Enclosure (VT-CD-1)	9	in. H_2O
Header CD Vacuum in Empire Sports (VT-CD-2)	10.1	in. H_2O
Vapor Liquid Separator Vacuum (VT-VLS)	15.7	in. H_2O
Blower Intake Vacuum (VT-INLET)	16.0	in. H_2O
Blower 1 Electrical Current (CT-1)	0	Amps
Blower 2 Electrical Current (CT-2)	30.0	Amps
Blower Exhaust Temperature (TT)	107.3	°F
1,000-Gallon Holding Tank Level (LT)	34.8	%

Equipment Hour Meter		
Blower 1	N/A	hours
Blower 2		hours
VLS Xfer Pump		hours

Site Building Header Drains

SSD Header Pipe Drains	Volume	Units	
Header AB Dicom (Drain-AB1)	1 QT	~~gal.~~	
Header CD Dicom (Drain-CD1)	1 PINT	~~gal.~~	
Header AB Empire Sports (Drain-AB2)	0	gal.	
Header CD Empire Sports (Drain-CD2)	0	gal.	
Header AB UL Lighting (Drain-AB3)	0	gal.	
Header AB E Kitchen Buy (Drain-AB4)	0	gal.	

DRAIN - CT1 BROKEN & EXTRUDED
SUSPECT TRUCK TRAFFIC TOO HIGH
REMOVED PIPING & REPLACED
SECURED IN PLACE W/ ZIP TIES

12-17-24
CC

SSD SYSTEM LOG
Page 2 of 2

SSD Extraction Points

	SSD Point	Location	Vacuum Reading	(a) Diff. Press. Reading	Valve Position	Notes
Header A	SSD-A1	Sid Harvey	4 in. H_2O	.22 in. H_2O	Y 100% open	
	SSD-A2	Sid Harvey	6 in. H_2O	.12 in. H_2O	Y 100% open	
	SSD-A3	E Kitchen Buy	5 in. H_2O	.11 in. H_2O	Y 100% open	APO
	SSD-A4	E Kitchen Buy	1 in. H_2O	.20 in. H_2O	Y 100% open	APO
	SSD-A5	Watchtower PPE Supplies, Inc.	4 in. H_2O	.55 in. H_2O	Y 100% open	
	SSD-A6	Watchtower PPE Supplies, Inc.	24 in. H_2O	.22 in. H_2O	Y % open	
	SSD-A7	UL Lighting	6 in. H_2O	.12 in. H_2O	Y 100% open	
	SSD-A8	UL Lighting	5 in. H_2O	.11 in. H_2O	Y 100% open	
Header B	SSD-B1	Sid Harvey	5 in. H_2O	.20 in. H_2O	% open	
	SSD-B2	Sid Harvey	4 in. H_2O	.14 in. H_2O	% open	
	SSD-B3	E Kitchen Buy	6 in. H_2O	.10 in. H_2O	Y 100% open	APO
	SSD-B4	E Kitchen Buy	— in. H_2O	— in. H_2O	% open	NO ACCESS APO
	SSD-B5 X	Watchtower PPE Supplies, Inc.	in. H_2O	in. H_2O	% open	NO ACCESS
	SSD-B6	Watchtower PPE Supplies, Inc.	7 in. H_2O	.10 in. H_2O	Y 100 % open	DAVID 516 410 1001
	SSD-B7	UL Lighting	6 in. H_2O	.09 in. H_2O	% open	
	SSD-B8	UL Lighting	6 in. H_2O	.14 in. H_2O	Y 100% open	
Header C	SSD-C1	Royal Charms	8 in. H_2O	.22 in. H_2O	% open	
	SSD-C2	Royal Charms	0 in. H_2O	— in. H_2O	% open	NO ACCESS
	SSD-C3	Royal Charms	0 in. H_2O	— in. H_2O	% open	
	SSD-C4	Empire Sports	7.5 in. H_2O	.04 in. H_2O	Y 100 % open	
	SSD-C5	Empire Sports	8 in. H_2O	.05 in. H_2O	Y 100 % open	DOOR DOWN 5 STEPS
	SSD-C6	Empire Sports	8 in. H_2O	.11 in. H_2O	Y 100 % open	
	SSD-C7	Empire Sports	8.5 in. H_2O	.04 in. H_2O	Y 100 % open	
Header D	SSD-D1	NYC Mode	in. H_2O	in. H_2O	% open	
	SSD-D2	Empire Sports (NAA)	8 in. H_2O	.14 in. H_2O	Y 100 % open	
	SSD-D3	Empire Sports	7 in. H_2O	.22 in. H_2O	Y 100 % open	
	SSD-D4	Empire Sports	8 in. H_2O	.20 in. H_2O	Y 100% open	
	SSD-D5	Empire Sports	7 in. H_2O	.16 in. H_2O	Y 100% open	
	SSD-D6	Capstone Log.	8 in. H_2O	.12 in. H_2O	Y 100% open	
Temperature	Leg A	Sid Harvey	71 °F			
	Leg B	Sid Harvey	71 °F			
	Leg C	Empire Sports	54 °F			
	Leg D	Empire Sports	57 °F			

a) Differential pressure readings to be collected annually.

NOTES:

WATCH TOWER SAMPLE 1ST 20700
WATCH TOWER DIFFERENT BUSINESS IN FRONT

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 12-17-2024
Arrival Time: 0630
Departure Time: 1200

Inspector (Print): Liz
Inspector (Signature): [signature]
Weather Conditions: Cloudy 58°

Reason for Visit (Check all that apply):

Quarterly O&M ☑
Samples Collected ☐
Other ☐

Response to Alarm ☐
List Samples: N/A
Describe:

System Running on Arrival? YES NO
Blower 1: ON OFF
Valve Position: OPEN CLOSED Amount (%):
Blower 2: ON OFF
Valve Position: OPEN CLOSED Amount (%): 100%

SSD SYSTEM QUARTERLY O&M CHECKLIST
Page 1 of 1

Quarterly O&M Checklist

Checklist	Notes
☑ Inspect water holding tank. Note water level.	SEE ATTACHED
☑ Inspect heat tracing and insulation. Note any damage.	PASS
☑ Inspect and clean blower and dilution air intake particulate filters. Replace as needed.	PASS
☑ Test vapor liquid separator transfer pump.	Bumped
☑ Inspect wiring, instrumentation, and equipment in Enclosure. Note any damage.	PASS
☑ Inspect piping in Enclosure. Note any damage.	PASS
☑ Take readings from SSD Enclosure.	SEE ATTACHED
☑ Inspect all overhead piping and pipe hangers.	PASS
☑ Drain condensate from header drain ports.	SEE ATTACHED
☑ Inspect each SSD extraction point. Note any damage.	PASS
☑ Collect readings from each extraction point.	SEE ATTACHED
☑ Evaluate building for significant changes.*	PASS
☑ Attach copies of any receipts/invoices to this checklist.	N/A

*For example: new floor penetrations, equipment, changes in building occupancy, etc.

Description of Activities Performed During Site Visit:

Sketches/Other/Miscellaneous/Parts Needed

Note: Please add additional pages as necessary for notes/sketches.

SSD System Logs and Checklists
Former General Instrument Corporation Site
Hicksville, New York

Date: 2-27-2025
Arrival Time: _____
Departure Time: _____

Inspector (Print): _____
Inspector (Signature): _____
Weather Conditions: cloudy, light drizzle 40's°F

Reason for Visit (Check all that apply):

Quarterly O&M	X	Response to Alarm	☐
Samples Collected	☐	List Samples:	
Other	☐	Describe:	

System Running on Arrival?	YES	NO		
Blower 1:	ON	OFF		
Valve Position:	OPEN	CLOSED	Amount (%):	
Blower 2:	ON	OFF		
Valve Position:	OPEN	CLOSED	Amount (%):	

SSD SYSTEM LOG
Page 1 of 2

SSD Equipment Enclosure

SSD Equipment	Reading	Units	Notes
Dilution Valve Position	0	% open	closed
Heat Trace - Vapor Liquid Separator	ON	On/Off	
Header AB Differential Pressure (PDT-AB)	0.36	in. H_2O	
Header CD Differential Pressure (PDT-CD)	0.17	in. H_2O	
Header AB Vacuum (VT-AB)	11.0	in. H_2O	
Header CD Vacuum in SSD Enclosure	11.5	in. H_2O	
Blower Intake Vacuum (VT-INLET)	32	in. H_2O	
Vapor Liquid Separator Vacuum (VT-VLS)	9	in. H_2O	
Blower Exhaust Temperature	100	° F	
1,000-Gallon Holding Tank Water Height	26	in.	
Water Height (in.) x 18.6 =	483	gal.	

PLC/Control Panel Readings	Reading	Units
Header AB Differential Pressure (PDT-AB)	0.377	in. H_2O
Header CD Differential Pressure (PDT-CD)	0.256	in. H_2O
Header AB Vacuum (VT-AB)	9.0	in. H_2O
Header CD Vacuum in SSD Enclosure (VT-CD-1)	9.0	in. H_2O
Header CD Vacuum in Empire Sports (VT-CD-2)	10.0	in. H_2O
Vapor Liquid Separator Vacuum (VT-VLS)	12.5	in. H_2O
Blower Intake Vacuum (VT-INLET)	15.4	in. H_2O
Blower 1 Electrical Current (CT-1)	0	Amps
Blower 2 Electrical Current (CT-2)	30.0	Amps
Blower Exhaust Temperature (TT)	100.9	° F
1,000-Gallon Holding Tank Level (LT)	34.5	%

Equipment Hour Meter		
Blower 1	25331.5	hours
Blower 2	32501.9	hours
VLS Xfer Pump	5.2	hours

Call if you need help finding these

MP

Site Building Header Drains

SSD Header Pipe Drains	Volume	Units	
Header AB Dicom (Drain-AB1)	1/2	~~gal.~~ cup	
Header CD Dicom (Drain-CD1)	1/2	~~gal.~~ pints	
Header AB Empire Sports (Drain-AB2)	Ø	gal.	
Header CD Empire Sports (Drain-CD2)	Ø	gal.	
Header AB UL Lighting (Drain-AB3)	Drippings	gal.	
Header AB E Kitchen Buy (Drain-AB4)	Ø	gal.	

SSD SYSTEM LOG

SSD Extraction Points

	SSD Point	Location	Vacuum Reading	(a) Diff. Press. Reading	Valve Position	Notes
Header A	SSD-A1	Sid Harvey	4.0 in. H_2O	0.10 in. H_2O	100 % open	
	SSD-A2	Sid Harvey	4.5 in. H_2O	0.04 in. H_2O	100 % open	
	SSD-A3	E Kitchen Buy	4.0 in. H_2O	0.04 in. H_2O	100 % open	
	SSD-A4	E Kitchen Buy	2.0 in. H_2O	0.20 in. H_2O	100 % open	
	SSD-A5	Watchtower PPE Supplies, Inc.	2.0 in. H_2O	0.17 in. H_2O	100 % open	
	SSD-A6	Watchtower PPE Supplies, Inc.	4.0 in. H_2O	0.04 in. H_2O	100 % open	
	SSD-A7	UL Lighting	5.0 in. H_2O	0.025 in. H_2O	100 % open	
	SSD-A8	UL Lighting	5.0 in. H_2O	0.09 in. H_2O	100 % open	
Header B	SSD-B1	Sid Harvey	5.0 in. H_2O	0.10 in. H_2O	100 % open	
	SSD-B2	Sid Harvey	5.0 in. H_2O	0.04 in. H_2O	100 % open	
	SSD-B3	E Kitchen Buy	5.0 in. H_2O	0.07 in. H_2O	100 % open	
	SSD-B4	E Kitchen Buy	4.0 in. H_2O	0.05 in. H_2O	100 % open	
	SSD-B5	Watchtower PPE Supplies, Inc.	5.0 in. H_2O	0.05 in. H_2O	100 % open	come before 9AM
	SSD-B6	Watchtower PPE Supplies, Inc.	5.0 in. H_2O	0.09 in. H_2O	100 % open	" " "
	SSD-B7	UL Lighting	5.0 in. H_2O	0.02 in. H_2O	100 % open	
	SSD-B8	UL Lighting	6.0 in. H_2O	0.09 in. H_2O	100 % open	
Header C	SSD-C1	Royal Charms	in. H_2O	in. H_2O	% open	
	SSD-C2	Royal Charms	in. H_2O	in. H_2O	% open	
	SSD-C3	Royal Charms	in. H_2O	in. H_2O	% open	
	SSD-C4	Empire Sports	7.5 in. H_2O	0.10 in. H_2O	100 % open	
	SSD-C5	Empire Sports	8.0 in. H_2O	0.02 in. H_2O	100 % open	
	SSD-C6	Empire Sports	7.0 in. H_2O	0.08 in. H_2O	100 % open	
	SSD-C7	Empire Sports	0.5 in. H_2O	0.01 in. H_2O	100 % open	
Header D	SSD-D1	NYC Mode	in. H_2O	in. H_2O	% open	
	SSD-D2	Empire Sports (NAA)	8.0 in. H_2O	N/A in. H_2O	100 % open	pitot tube inaccessible
	SSD-D3	Empire Sports	8.0 in. H_2O	0.16 in. H_2O	100 % open	
	SSD-D4	Empire Sports	7.5 in. H_2O	0.08 in. H_2O	100 % open	
	SSD-D5	Empire Sports	7.0 in. H_2O	~~0.20~~ 0.10 in. H_2O	100 % open	
	SSD-D6	Capstone Log.	9.0 in. H_2O	0.20 in. H_2O	100 % open	
Temperature	Leg A	Sid Harvey	70 °F			
	Leg B	Sid Harvey	68 °F			
	Leg C	Empire Sports	58 °F			
	Leg D	Empire Sports	58 °F			

a) Differential pressure readings to be collected annually.

NOTES:

Watchtower / Gold Medal - come before 9 AM

Appendix B

Indoor Air Quality Questionnaire

INDOOR AIR QUALITY QUESTIONNAIRE

INSPECTION DATE	02/27/25	**WEATHER**	cloudy, somewhat High 55 / Low 42
ARRIVAL TIME	0600 AM	**DEPARTURE TIME**	0530 PM
SITE ADDRESS	600 West Johns St. Hicksville, NY		
INSPECTOR NAME	B. PICKERT	**SIGNATURE**	
INSPECTOR AFFILIATION AND ADDRESS	GHD		
PURPOSE OF INVESTIGATION	Indoor Air Sampling - 2025 (annual)		

SECTION 1 – OCCUPANCY

Owner contact information (revise if changed)	Owner Notes:
Adam Goldblatt-Milunda	0633AM – ↓29.83" Hg 44°F winds 8mph SE

Occupancy: Provide a brief description of tenant occupancy at the time of inspection, including typical working hours. Include locations of tenants on the floor plan sketch.

Tenant Name / Contact Information	Tenant Description	Working Hours
Capstone Logistics	Packaging/Delivery	24 HRS.

INDOOR AIR QUALITY QUESTIONNAIRE

SECTION 2 – OWNER/OCCUPANT INTERVIEW

Complete one interview form for each individual interviewed. If possible, a representative of each active tenant should be interviewed regarding the use of their space. The owner should be interviewed regarding vacant spaces in the building.

Interviewee Name: Adam Goldblatt

Interviewee Affiliation: Milvado

a.	Are petroleum-powered machines or vehicles stored anywhere in the building? If yes, where, type, and frequency/purpose of use?	☐Yes	☒No
b.	Has the building ever had a fire? If yes, when and where?	☐Yes	☒No
c.	Is a kerosene or unvented gas space heater present? If yes, where?	☐Yes	☒No
d.	Is smoking allowed in the building? If yes, how frequently? Where?	☐Yes	☒No
e.	Have cleaning products been used recently? If yes, when and type?	☐Yes	☒No
f.	Has painting/staining been done in the last 6 months? If yes, when and where?	☐Yes	☒No
g.	Is there new carpet or other textiles? If yes, when and where?	☐Yes	☒No
h.	Have air fresheners been used recently? If yes, when, where, and what type?	☐Yes	☒No
i.	Are there kitchen or bathroom exhaust fans? If yes, where are they vented? one exhaust fan in men's bathroom, located in main bldg.	☒Yes	☐No
j.	Has there been a pesticide application? If yes, when, where, and type?	☐Yes	☒No
k.	Are there odors present in the building? If yes, describe below.	☐Yes	☒No
l.	Do any building occupants use solvents? If yes, what types of solvents are used?	☐Yes	☒No

Notes: If any of the answers above are "Yes", please elaborate below. Use back of page if necessary.

SECTION 3 – BUILDING CONSTRUCTION

Confirm building construction details based on interviews with building owner/occupants or direct observation.

Construction Characteristics				
Concrete Floor	☒ Unsealed	☐ Sealed	Sealed with:	
Foundation Walls	☒ Unsealed	☐ Sealed	Sealed with:	
Sump present?	☐ Yes ☒ No	Water in Sump?	☐ Yes ☐ No	

Identify potential soil vapor entry points and approximate size (e.g., cracks, utility ports, drains). Note locations on building floor plan as appropriate.

– No visable cracks present
– No visable drains present

Heating, Ventilation and Air Conditioning (check all that apply)				
Type of heating system(s) used in building	☒ Hot air circulation	☐ Heat pump	☐ Hot water baseboard	☐ Space heaters
	☐ Steam radiation	☐ Radiant floor	☐ Electric baseboard	☐ Wood stove
	☐ Outdoor wood boiler	☒ Other: RTV's for offices / Gas in main bldg.		
Primary type of fuel	☒ Natural gas	☐ Fuel oil	☐ Kerosene	☐ Electric
	☐ Propane	☐ Solar	☐ Wood	☐ Coal
Boiler/furnace location				
Hot water tank fueled by	Natural Gas & Electric / Above bathrooms in ceiling			
Air conditioning	☒ Central air offices only	☐ Window units	☐ Open windows	☐ None
Water and Sewage				
Water supply	☒ Public water	☐ Well	☐ Other:	
Sewage disposal	☒ Public sewer	☐ Septic tank	☐ Leach Field	☐ Dry well

NOTES:

1 This indoor air quality questionnaire is adapted from the New York State Department of Health (NYSDOH) Indoor Air Quality Questionnaire and Building Inventory, Center for Environmental Health (Appendix B of NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York, October 2006).

Appendix C

Product Inventory Form

GHD

Product Inventory Form

Building Address: 660 West Johns St.
Bldg City/State/Zip: Hicksville, NY
Make & Model of PID: NF 0882

Date: 02/27/25
Field Personnel: B. Pickert
Date of Calibration: 02/27/25 0.0 ppm (100ppm isobutylene)

Location	Product Description	Size	Condition	Chemical Ingredients	Field Instrument Reading (ppmv)
OA1	None	—	upwind - near system enclosure	—	ϕ
IA6	Empty garbage can	50gal	empty	—	ϕ
IA7	ABC-Fire Extinguisher	1L	Fair	monoammonium phosphate	ϕ
IA7	Plastic Pallet	—	Fair	—	ϕ
IA7	Wood Pallet	—	Fair	—	ϕ
IA2	Wood Pallets	varies	Fair	—	ϕ
IA2	copy paper - varies	100CT	New	—	ϕ

Appendix D

Laboratory Analytical Report

ANALYTICAL REPORT

Lab Number:	L2511450
Client:	GHD, Inc. 5788 Widewaters Pkwy Syracuse, NY 13214
ATTN:	Ian McNamara
Phone:	(315) 802-0312
Project Name:	HICKSVILLE-FORMER GIC
Project Number:	12601467
Report Date:	03/24/25

Certifications & Approvals: NH ELAP (2249).

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

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Lab Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2511450-01	IA2-12601467-022725-BP-001	AIR	HICKSVILLE, NY	02/27/25 14:25	02/28/25
L2511450-02	IA6-12601467-022725-BP-002	AIR	HICKSVILLE, NY	02/27/25 14:20	02/28/25
L2511450-03	IA7-12601467-022725-BP-003	AIR	HICKSVILLE, NY	02/27/25 14:10	02/28/25
L2511450-04	IA7-12601467-022725-BP-004	AIR	HICKSVILLE, NY	02/27/25 14:11	02/28/25
L2511450-05	OA1-12601467-022725-BP-005	AIR	HICKSVILLE, NY	02/27/25 14:04	02/28/25
L2511450-06	TB-12601467-022725-BP-006	AIR	HICKSVILLE, NY	02/27/25 00:00	02/28/25

Project Name:	HICKSVILLE-FORMER GIC	**Lab Number:**	L2511450
Project Number:	12601467	**Report Date:**	03/24/25

Case Narrative

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

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

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

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

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

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

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on February 25, 2025. The canister certification data is provided as an addendum.

Report Submission

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

The WG2043611-3 LCS recovery associated with L2511450-01 through -06 is above the upper 130% acceptance limit for 4-ethyltoluene (137%). All samples associated with this LCS that have reportable amounts of this analyte will be reported with high bias.

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

Authorized Signature: Christopher J. Anderson

Title: Technical Director/Representative Date: 03/24/25

AIR

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-01
Client ID: IA2-12601467-022725-BP-001
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:25
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/21/25 20:30
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.502	0.200	0.076	2.48	0.989	0.374		1
Chloromethane	0.678	0.200	0.058	1.40	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	0.723	0.200	0.062	1.60	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	36.3	5.00	1.74	68.4	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	9.09	1.00	0.515	21.6	2.38	1.22		1
Trichlorofluoromethane	0.227	0.200	0.079	1.28	1.12	0.442		1
Isopropanol	6.55	1.00	0.272	16.1	2.46	0.669		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	0.199	0.500	0.125	0.691	1.74	0.434	J	1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	0.073	0.200	0.051	0.560	1.53	0.388	J	1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	1.10	0.500	0.099	3.24	1.47	0.292		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-01
Client ID: IA2-12601467-022725-BP-001
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:25
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	1.92	0.200	0.074	6.77	0.705	0.262		1
Benzene	3.11	0.200	0.064	9.94	0.639	0.205		1
Cyclohexane	0.556	0.200	0.073	1.91	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	1.05	0.200	0.069	4.90	0.934	0.323		1
Heptane	0.927	0.200	0.083	3.80	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	4.55	0.200	0.087	17.1	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	0.728	0.200	0.058	3.16	0.869	0.250		1
p/m-Xylene	1.94	0.400	0.125	8.43	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	0.079	0.200	0.060	0.336	0.852	0.254	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	0.801	0.200	0.062	3.48	0.869	0.270		1
4-Ethyltoluene	0.143	0.200	0.055	0.703	0.983	0.272	J	1
1,3,5-Trimethylbenzene	0.100	0.200	0.060	0.492	0.983	0.295	J	1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-01
Client ID: IA2-12601467-022725-BP-001
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:25
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.432	0.200	0.058	2.12	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	0.087	0.190	0.059	0.456	0.996	0.309	J	1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

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

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-01
Client ID: IA2-12601467-022725-BP-001
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:25
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 20:30
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	0.076	0.020	0.011	0.478	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.159	0.020	0.007	1.08	0.136	0.050		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	91		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-02
Client ID: IA6-12601467-022725-BP-002
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/21/25 21:03
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.475	0.200	0.076	2.35	0.989	0.374		1
Chloromethane	0.572	0.200	0.058	1.18	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	0.907	0.200	0.062	2.01	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	28.6	5.00	1.74	53.9	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	3.06	1.00	0.515	7.27	2.38	1.22		1
Trichlorofluoromethane	0.216	0.200	0.079	1.21	1.12	0.442		1
Isopropanol	7.35	1.00	0.272	18.1	2.46	0.669		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	0.198	0.500	0.125	0.688	1.74	0.434	J	1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	0.077	0.200	0.051	0.590	1.53	0.388	J	1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	0.476	0.500	0.099	1.40	1.47	0.292	J	1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	0.060	0.200	0.055	0.293	0.977	0.270	J	1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-02
Client ID: IA6-12601467-022725-BP-002
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	1.71	0.200	0.074	6.03	0.705	0.262		1
Benzene	2.40	0.200	0.064	7.67	0.639	0.205		1
Cyclohexane	0.442	0.200	0.073	1.52	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	0.938	0.200	0.069	4.38	0.934	0.323		1
Heptane	0.779	0.200	0.083	3.19	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	3.81	0.200	0.087	14.4	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	0.609	0.200	0.058	2.65	0.869	0.250		1
p/m-Xylene	1.88	0.400	0.125	8.17	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	0.094	0.200	0.060	0.400	0.852	0.254	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	0.762	0.200	0.062	3.31	0.869	0.270		1
4-Ethyltoluene	0.151	0.200	0.055	0.742	0.983	0.272	J	1
1,3,5-Trimethylbenzene	0.161	0.200	0.060	0.792	0.983	0.295	J	1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-02
Client ID: IA6-12601467-022725-BP-002
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.496	0.200	0.058	2.44	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	0.081	0.190	0.059	0.425	0.996	0.309	J	1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	98		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-02
Client ID: IA6-12601467-022725-BP-002
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:20
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 21:03
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	0.078	0.020	0.011	0.491	0.126	0.069		1
Trichloroethene	0.012	0.020	0.006	0.065	0.107	0.032	J	1
Tetrachloroethene	0.180	0.020	0.007	1.22	0.136	0.050		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	93		60-140
chlorobenzene-d5	92		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-03
Client ID: IA7-12601467-022725-BP-003
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:10
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/21/25 21:36
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.470	0.200	0.076	2.32	0.989	0.374		1
Chloromethane	0.639	0.200	0.058	1.32	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	0.784	0.200	0.062	1.73	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	22.5	5.00	1.74	42.4	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	2.90	1.00	0.515	6.89	2.38	1.22		1
Trichlorofluoromethane	0.210	0.200	0.079	1.18	1.12	0.442		1
Isopropanol	5.64	1.00	0.272	13.9	2.46	0.669		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	0.190	0.500	0.125	0.660	1.74	0.434	J	1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	0.071	0.200	0.051	0.544	1.53	0.388	J	1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	0.383	0.500	0.099	1.13	1.47	0.292	J	1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	0.060	0.200	0.055	0.293	0.977	0.270	J	1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-03
Client ID: IA7-12601467-022725-BP-003
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:10
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	1.39	0.200	0.074	4.90	0.705	0.262		1
Benzene	2.11	0.200	0.064	6.74	0.639	0.205		1
Cyclohexane	0.494	0.200	0.073	1.70	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	0.755	0.200	0.069	3.53	0.934	0.323		1
Heptane	0.702	0.200	0.083	2.88	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	3.14	0.200	0.087	11.8	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	0.520	0.200	0.058	2.26	0.869	0.250		1
p/m-Xylene	1.64	0.400	0.125	7.12	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	0.115	0.200	0.060	0.490	0.852	0.254	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	0.643	0.200	0.062	2.79	0.869	0.270		1
4-Ethyltoluene	0.112	0.200	0.055	0.551	0.983	0.272	J	1
1,3,5-Trimethylbenzene	0.151	0.200	0.060	0.742	0.983	0.295	J	1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-03
Client ID: IA7-12601467-022725-BP-003
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:10
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.484	0.200	0.058	2.38	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	0.076	0.190	0.059	0.398	0.996	0.309	J	1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	96		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	100		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-03
Client ID: IA7-12601467-022725-BP-003
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:10
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 21:36
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	0.074	0.020	0.011	0.465	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.145	0.020	0.007	0.983	0.136	0.050		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	92		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-04
Client ID: IA7-12601467-022725-BP-004
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:11
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/21/25 22:08
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.459	0.200	0.076	2.27	0.989	0.374		1
Chloromethane	0.374	0.200	0.058	0.772	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	0.749	0.200	0.062	1.66	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	23.8	5.00	1.74	44.8	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	2.42	1.00	0.515	5.75	2.38	1.22		1
Trichlorofluoromethane	0.231	0.200	0.079	1.30	1.12	0.442		1
Isopropanol	15.0	1.00	0.272	36.9	2.46	0.669		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	0.212	0.500	0.125	0.736	1.74	0.434	J	1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	0.076	0.200	0.051	0.583	1.53	0.388	J	1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	0.407	0.500	0.099	1.20	1.47	0.292	J	1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-04
Client ID: IA7-12601467-022725-BP-004
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:11
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	3.56	0.200	0.074	12.5	0.705	0.262		1
Benzene	1.92	0.200	0.064	6.13	0.639	0.205		1
Cyclohexane	0.355	0.200	0.073	1.22	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	0.700	0.200	0.069	3.27	0.934	0.323		1
Heptane	0.599	0.200	0.083	2.45	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	2.90	0.200	0.087	10.9	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	0.485	0.200	0.058	2.11	0.869	0.250		1
p/m-Xylene	1.48	0.400	0.125	6.43	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	0.091	0.200	0.060	0.387	0.852	0.254	J	1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	0.603	0.200	0.062	2.62	0.869	0.270		1
4-Ethyltoluene	0.112	0.200	0.055	0.551	0.983	0.272	J	1
1,3,5-Trimethylbenzene	0.128	0.200	0.060	0.629	0.983	0.295	J	1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-04
Client ID: IA7-12601467-022725-BP-004
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:11
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	0.436	0.200	0.058	2.14	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.190	0.059	ND	0.996	0.309		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	95		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	101		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-04
Client ID: IA7-12601467-022725-BP-004
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:11
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 22:08
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	0.072	0.020	0.011	0.453	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.096	0.020	0.007	0.651	0.136	0.050		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	94		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-05
Client ID: OA1-12601467-022725-BP-005
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:04
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/21/25 19:56
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	0.537	0.200	0.076	2.66	0.989	0.374		1
Chloromethane	0.647	0.200	0.058	1.34	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	3.54	5.00	1.74	6.67	9.42	3.28	J	1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	3.97	1.00	0.515	9.43	2.38	1.22		1
Trichlorofluoromethane	0.220	0.200	0.079	1.24	1.12	0.442		1
Isopropanol	0.970	1.00	0.272	2.38	2.46	0.669	J	1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	0.192	0.500	0.125	0.667	1.74	0.434	J	1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	0.074	0.200	0.051	0.567	1.53	0.388	J	1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	0.300	0.500	0.099	0.885	1.47	0.292	J	1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-05
Client ID: OA1-12601467-022725-BP-005
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:04
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	0.212	0.200	0.074	0.747	0.705	0.262		1
Benzene	0.203	0.200	0.064	0.649	0.639	0.205		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	0.089	0.200	0.069	0.416	0.934	0.323	J	1
Heptane	0.100	0.200	0.083	0.410	0.820	0.339	J	1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	0.254	0.200	0.087	0.957	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	0.134	0.400	0.125	0.582	1.74	0.543	J	1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-05
Client ID: OA1-12601467-022725-BP-005
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:04
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.190	0.059	ND	0.996	0.309		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	95		60-140
Bromochloromethane	98		60-140
chlorobenzene-d5	98		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-05
Client ID: OA1-12601467-022725-BP-005
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 14:04
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 19:56
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	0.078	0.020	0.011	0.491	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.095	0.020	0.007	0.644	0.136	0.050		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	89		60-140
bromochloromethane	94		60-140
chlorobenzene-d5	91		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-06
Client ID: TB-12601467-022725-BP-006
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 00:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 03/22/25 11:07
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-06
Client ID: TB-12601467-022725-BP-006
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 00:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-06
Client ID: TB-12601467-022725-BP-006
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 00:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.190	0.059	ND	0.996	0.309		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	90		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

SAMPLE RESULTS

Lab ID: L2511450-06
Client ID: TB-12601467-022725-BP-006
Sample Location: HICKSVILLE, NY

Date Collected: 02/27/25 00:00
Date Received: 02/28/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 03/22/25 11:07
Analyst: TPH

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.015	0.020	0.007	0.102	0.136	0.050	J	1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	82		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	83		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/21/25 15:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2043611-4								
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/21/25 15:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2043611-4								
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 03/21/25 15:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab for sample(s): 01-06 Batch: WG2043611-4								
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.190	0.059	ND	0.996	0.309		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467
Lab Number: L2511450
Report Date: 03/24/25

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 03/21/25 15:22

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab for sample(s): 01-06 Batch: WG2043676-4								
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
Tetrachloroethene	0.018	0.020	0.007	0.122	0.136	0.050	J	1

Lab Control Sample Analysis
Batch Quality Control

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2043611-3								
Dichlorodifluoromethane	116		-		70-130	-		
Chloromethane	108		-		70-130	-		
Freon-114	118		-		70-130	-		
Vinyl chloride	111		-		70-130	-		
1,3-Butadiene	121		-		70-130	-		
Bromomethane	116		-		70-130	-		
Chloroethane	108		-		70-130	-		
Ethanol	82		-		40-160	-		
Vinyl bromide	125		-		70-130	-		
Acetone	111		-		40-160	-		
Trichlorofluoromethane	106		-		70-130	-		
Isopropanol	88		-		40-160	-		
1,1-Dichloroethene	111		-		70-130	-		
Tertiary butyl Alcohol	94		-		70-130	-		
Methylene chloride	108		-		70-130	-		
3-Chloropropene	118		-		70-130	-		
Carbon disulfide	120		-		70-130	-		
Freon-113	111		-		70-130	-		
trans-1,2-Dichloroethene	122		-		70-130	-		
1,1-Dichloroethane	110		-		70-130	-		
Methyl tert butyl ether	120		-		70-130	-		
2-Butanone	111		-		70-130	-		
cis-1,2-Dichloroethene	108		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2043611-3								
Ethyl Acetate	97		-		70-130	-		
Chloroform	108		-		70-130	-		
Tetrahydrofuran	120		-		70-130	-		
1,2-Dichloroethane	102		-		70-130	-		
n-Hexane	120		-		70-130	-		
1,1,1-Trichloroethane	106		-		70-130	-		
Benzene	107		-		70-130	-		
Carbon tetrachloride	108		-		70-130	-		
Cyclohexane	118		-		70-130	-		
1,2-Dichloropropane	107		-		70-130	-		
Bromodichloromethane	126		-		70-130	-		
1,4-Dioxane	114		-		70-130	-		
Trichloroethene	106		-		70-130	-		
2,2,4-Trimethylpentane	125		-		70-130	-		
Heptane	126		-		70-130	-		
cis-1,3-Dichloropropene	116		-		70-130	-		
4-Methyl-2-pentanone	125		-		70-130	-		
trans-1,3-Dichloropropene	127		-		70-130	-		
1,1,2-Trichloroethane	114		-		70-130	-		
Toluene	113		-		70-130	-		
2-Hexanone	123		-		70-130	-		
Dibromochloromethane	**131**	Q	-		70-130	-		
1,2-Dibromoethane	118		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Air Lab	Associated sample(s): 01-06		Batch: WG2043611-3					
Tetrachloroethene	111		-		70-130	-		
Chlorobenzene	110		-		70-130	-		
Ethylbenzene	115		-		70-130	-		
p/m-Xylene	121		-		70-130	-		
Bromoform	130		-		70-130	-		
Styrene	119		-		70-130	-		
1,1,2,2-Tetrachloroethane	117		-		70-130	-		
o-Xylene	117		-		70-130	-		
4-Ethyltoluene	**137**	Q	-		70-130	-		
1,3,5-Trimethylbenzene	123		-		70-130	-		
1,2,4-Trimethylbenzene	124		-		70-130	-		
Benzyl chloride	123		-		70-130	-		
1,3-Dichlorobenzene	120		-		70-130	-		
1,4-Dichlorobenzene	120		-		70-130	-		
1,2-Dichlorobenzene	118		-		70-130	-		
1,2,4-Trichlorobenzene	109		-		70-130	-		
Naphthalene	117		-		70-130	-		
Hexachlorobutadiene	98		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Air Lab Associated sample(s): 01-06 Batch: WG2043676-3								
Vinyl chloride	104		-		70-130	-		25
1,1-Dichloroethene	106		-		70-130	-		25
cis-1,2-Dichloroethene	103		-		70-130	-		25
1,1,1-Trichloroethane	101		-		70-130	-		25
Carbon tetrachloride	103		-		70-130	-		25
Trichloroethene	102		-		70-130	-		25
Tetrachloroethene	106		-		70-130	-		25

Project Name: HICKSVILLE-FORMER GIC

Lab Number: L2511450

Project Number: 12601467

Report Date: 03/24/25

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt	Flow Controler Leak Chk	Flow Out mL/min	Flow In	% RPD
L2511450-01	IA2-12601467-022725-BP-001	02213	Flow 5	02/25/25	508218		-	-	-	Pass	10.0	10.4	4
L2511450-01	IA2-12601467-022725-BP-001	4348	6.0L Can	02/25/25	508218	L2509230-09	Pass	-29.4	-2.7	-	-	-	-
L2511450-02	IA6-12601467-022725-BP-002	01790	Flow 4	02/25/25	508218		-	-	-	Pass	10.0	10.5	5
L2511450-02	IA6-12601467-022725-BP-002	2286	6.0L Can	02/25/25	508218	L2509230-01	Pass	-29.6	-4.6	-	-	-	-
L2511450-03	IA7-12601467-022725-BP-003	0349	Flow 1	02/25/25	508218		-	-	-	Pass	10.0	10.9	9
L2511450-03	IA7-12601467-022725-BP-003	4772	6.0L Can	02/25/25	508218	L2509520-05	Pass	-29.6	-3.0	-	-	-	-
L2511450-04	IA7-12601467-022725-BP-004	0161	Flow 4	02/25/25	508218		-	-	-	Pass	10.0	10.7	7
L2511450-04	IA7-12601467-022725-BP-004	4421	6.0L Can	02/25/25	508218	L2509230-07	Pass	-29.4	-4.4	-	-	-	-
L2511450-05	OA1-12601467-022725-BP-005	02665	Flow 4	02/25/25	508218		-	-	-	Pass	10.0	10.6	6
L2511450-05	OA1-12601467-022725-BP-005	5261	6.0L Can	02/25/25	508218	L2509230-06	Pass	-29.8	-4.8	-	-	-	-
L2511450-06	TB-12601467-022725-BP-006	01047	Flow 4	02/25/25	508218		-	-	-	Pass	10.0	10.7	7
L2511450-06	TB-12601467-022725-BP-006	3088	6.0L Can	02/25/25	508218	L2509230-08	Pass	-29.6	-28.5	-	-	-	-

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 07:55
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

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

Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2509230

Project Number: CANISTER QC BAT **Report Date:** 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	84		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 07:55
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-01
Client ID: CAN 2286 SHELF 51
Sample Location:

Date Collected: 02/19/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	79		60-140
bromochloromethane	85		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 01:25
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2509230

Project Number: CANISTER QC BAT **Report Date:** 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	88		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 01:25
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-06
Client ID: CAN 5261 SHELF 58
Sample Location:

Date Collected: 02/20/25 10:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	84		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 02:04
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

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

Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	90		60-140
Bromochloromethane	94		60-140
chlorobenzene-d5	84		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 02:04
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-07
Client ID: CAN 4421 SHELF 36
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	85		60-140
bromochloromethane	89		60-140
chlorobenzene-d5	83		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 02:43
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

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

Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	87		60-140
Bromochloromethane	93		60-140
chlorobenzene-d5	87		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 02:43
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-08
Client ID: CAN 3088 SHELF 37
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	83		60-140
bromochloromethane	88		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 03:22
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	86		60-140
Bromochloromethane	91		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 03:22
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

Project Name: BATCH CANISTER CERTIFICATION **Lab Number:** L2509230

Project Number: CANISTER QC BAT **Report Date:** 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509230
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509230-09
Client ID: CAN 4348 SHELF 38
Sample Location:

Date Collected: 02/20/25 14:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	82		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

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

Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 02/21/25 07:16
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Air Lab								
Chlorodifluoromethane	ND	0.200	0.046	ND	0.707	0.164		1
Propylene	ND	0.500	0.135	ND	0.861	0.232		1
Propane	ND	0.500	0.152	ND	0.902	0.274		1
Dichlorodifluoromethane	ND	0.200	0.076	ND	0.989	0.374		1
Chloromethane	ND	0.200	0.058	ND	0.413	0.119		1
Freon-114	ND	0.200	0.050	ND	1.40	0.352		1
Methanol	ND	5.00	3.03	ND	6.55	3.97		1
Vinyl chloride	ND	0.200	0.058	ND	0.511	0.149		1
1,3-Butadiene	ND	0.200	0.062	ND	0.442	0.137		1
Butane	ND	0.200	0.080	ND	0.475	0.190		1
Bromomethane	ND	0.200	0.055	ND	0.777	0.212		1
Chloroethane	ND	0.200	0.065	ND	0.528	0.171		1
Ethanol	ND	5.00	1.74	ND	9.42	3.28		1
Dichlorofluoromethane	ND	0.200	0.112	ND	0.842	0.471		1
Vinyl bromide	ND	0.200	0.072	ND	0.874	0.316		1
Acrolein	ND	0.500	0.149	ND	1.15	0.342		1
Acetone	ND	1.00	0.515	ND	2.38	1.22		1
Acetonitrile	ND	0.200	0.101	ND	0.336	0.170		1
Trichlorofluoromethane	ND	0.200	0.079	ND	1.12	0.442		1
Isopropanol	ND	1.00	0.272	ND	2.46	0.669		1
Acrylonitrile	ND	0.500	0.089	ND	1.09	0.194		1
Pentane	ND	0.200	0.113	ND	0.590	0.333		1
Ethyl ether	ND	0.200	0.085	ND	0.606	0.259		1
1,1-Dichloroethene	ND	0.200	0.057	ND	0.793	0.225		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Tertiary butyl Alcohol	ND	0.500	0.132	ND	1.52	0.400		1
Methylene chloride	ND	0.500	0.125	ND	1.74	0.434		1
3-Chloropropene	ND	0.200	0.086	ND	0.626	0.269		1
Carbon disulfide	ND	0.200	0.047	ND	0.623	0.145		1
Freon-113	ND	0.200	0.051	ND	1.53	0.388		1
trans-1,2-Dichloroethene	ND	0.200	0.076	ND	0.793	0.299		1
1,1-Dichloroethane	ND	0.200	0.057	ND	0.809	0.230		1
Methyl tert butyl ether	ND	0.200	0.045	ND	0.721	0.162		1
Vinyl acetate	ND	1.00	0.323	ND	3.52	1.14		1
2-Butanone	ND	0.500	0.099	ND	1.47	0.292		1
Xylenes, total	ND	0.600	0.062	ND	0.869	0.270		1
cis-1,2-Dichloroethene	ND	0.200	0.060	ND	0.793	0.236		1
Ethyl Acetate	ND	0.500	0.297	ND	1.80	1.07		1
Chloroform	ND	0.200	0.055	ND	0.977	0.270		1
Tetrahydrofuran	ND	0.500	0.117	ND	1.47	0.345		1
2,2-Dichloropropane	ND	0.200	0.043	ND	0.924	0.198		1
1,2-Dichloroethane	ND	0.200	0.079	ND	0.809	0.319		1
n-Hexane	ND	0.200	0.074	ND	0.705	0.262		1
Diisopropyl ether	ND	0.200	0.063	ND	0.836	0.264		1
tert-Butyl Ethyl Ether	ND	0.200	0.073	ND	0.836	0.306		1
1,2-Dichloroethene (total)	ND	1.00	0.060	ND	1.00	0.236		1
1,1,1-Trichloroethane	ND	0.200	0.061	ND	1.09	0.335		1
1,1-Dichloropropene	ND	0.200	0.059	ND	0.908	0.269		1
Benzene	ND	0.200	0.064	ND	0.639	0.205		1
Carbon tetrachloride	ND	0.200	0.069	ND	1.26	0.432		1
Cyclohexane	ND	0.200	0.073	ND	0.688	0.251		1
tert-Amyl Methyl Ether	ND	0.200	0.067	ND	0.836	0.281		1

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

Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
Dibromomethane	ND	0.200	0.060	ND	1.42	0.425		1
1,2-Dichloropropane	ND	0.200	0.063	ND	0.924	0.292		1
Bromodichloromethane	ND	0.200	0.069	ND	1.34	0.462		1
1,4-Dioxane	ND	0.200	0.054	ND	0.721	0.194		1
Trichloroethene	ND	0.200	0.055	ND	1.07	0.295		1
2,2,4-Trimethylpentane	ND	0.200	0.069	ND	0.934	0.323		1
Methyl Methacrylate	ND	0.500	0.226	ND	2.05	0.925		1
Heptane	ND	0.200	0.083	ND	0.820	0.339		1
cis-1,3-Dichloropropene	ND	0.200	0.067	ND	0.908	0.306		1
4-Methyl-2-pentanone	ND	0.500	0.190	ND	2.05	0.779		1
trans-1,3-Dichloropropene	ND	0.200	0.078	ND	0.908	0.355		1
1,1,2-Trichloroethane	ND	0.200	0.058	ND	1.09	0.318		1
Toluene	ND	0.200	0.087	ND	0.754	0.327		1
1,3-Dichloropropane	ND	0.200	0.054	ND	0.924	0.248		1
2-Hexanone	ND	0.200	0.091	ND	0.820	0.374		1
Dibromochloromethane	ND	0.200	0.057	ND	1.70	0.482		1
1,2-Dibromoethane	ND	0.200	0.054	ND	1.54	0.418		1
Butyl acetate	ND	0.500	0.208	ND	2.38	0.989		1
Octane	ND	0.200	0.068	ND	0.934	0.316		1
Tetrachloroethene	ND	0.200	0.063	ND	1.36	0.425		1
1,1,1,2-Tetrachloroethane	ND	0.200	0.051	ND	1.37	0.349		1
Chlorobenzene	ND	0.200	0.052	ND	0.921	0.238		1
Ethylbenzene	ND	0.200	0.058	ND	0.869	0.250		1
p/m-Xylene	ND	0.400	0.125	ND	1.74	0.543		1
Bromoform	ND	0.200	0.060	ND	2.07	0.616		1
Styrene	ND	0.200	0.060	ND	0.852	0.254		1
1,1,2,2-Tetrachloroethane	ND	0.200	0.052	ND	1.37	0.357		1

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

Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Air Lab								
o-Xylene	ND	0.200	0.062	ND	0.869	0.270		1
1,2,3-Trichloropropane	ND	0.200	0.058	ND	1.21	0.347		1
Nonane	ND	0.200	0.074	ND	1.05	0.387		1
Isopropylbenzene	ND	0.200	0.062	ND	0.983	0.305		1
Bromobenzene	ND	0.200	0.058	ND	0.793	0.230		1
2-Chlorotoluene	ND	0.200	0.076	ND	1.04	0.394		1
n-Propylbenzene	ND	0.200	0.063	ND	0.983	0.311		1
4-Chlorotoluene	ND	0.200	0.077	ND	1.04	0.396		1
4-Ethyltoluene	ND	0.200	0.055	ND	0.983	0.272		1
1,3,5-Trimethylbenzene	ND	0.200	0.060	ND	0.983	0.295		1
tert-Butylbenzene	ND	0.200	0.055	ND	1.10	0.302		1
1,2,4-Trimethylbenzene	ND	0.200	0.058	ND	0.983	0.284		1
Decane	ND	0.200	0.070	ND	1.16	0.406		1
Benzyl chloride	ND	0.200	0.094	ND	1.04	0.486		1
1,3-Dichlorobenzene	ND	0.200	0.078	ND	1.20	0.467		1
1,4-Dichlorobenzene	ND	0.200	0.083	ND	1.20	0.497		1
sec-Butylbenzene	ND	0.200	0.055	ND	1.10	0.300		1
p-Isopropyltoluene	ND	0.200	0.057	ND	1.10	0.311		1
1,2-Dichlorobenzene	ND	0.200	0.062	ND	1.20	0.372		1
n-Butylbenzene	ND	0.200	0.054	ND	1.10	0.294		1
1,2-Dibromo-3-chloropropane	ND	0.200	0.062	ND	1.93	0.603		1
Undecane	ND	0.200	0.071	ND	1.28	0.453		1
Dodecane	ND	0.200	0.089	ND	1.39	0.621		1
1,2,4-Trichlorobenzene	ND	0.200	0.100	ND	1.48	0.742		1
Naphthalene	ND	0.200	0.059	ND	0.996	0.309		1
1,2,3-Trichlorobenzene	ND	0.200	0.074	ND	1.48	0.548		1
Hexachlorobutadiene	ND	0.200	0.061	ND	2.13	0.647		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	85		60-140
Bromochloromethane	90		60-140
chlorobenzene-d5	85		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 02/21/25 07:16
Analyst: KJD

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Air Lab								
Dichlorodifluoromethane	ND	0.200	0.050	ND	0.989	0.247		1
Chloromethane	ND	0.200	0.076	ND	0.413	0.156		1
Freon-114	ND	0.050	0.006	ND	0.349	0.045		1
Vinyl chloride	ND	0.020	0.009	ND	0.051	0.023		1
1,3-Butadiene	ND	0.020	0.011	ND	0.044	0.024		1
Bromomethane	ND	0.020	0.009	ND	0.078	0.037		1
Chloroethane	ND	0.100	0.040	ND	0.264	0.104		1
Acrolein	ND	0.050	0.039	ND	0.115	0.089		1
Acetone	ND	1.00	0.539	ND	2.38	1.28		1
Trichlorofluoromethane	ND	0.050	0.009	ND	0.281	0.052		1
Acrylonitrile	ND	0.500	0.162	ND	1.09	0.352		1
1,1-Dichloroethene	ND	0.020	0.008	ND	0.079	0.031		1
Methylene chloride	ND	0.500	0.110	ND	1.74	0.382		1
Freon-113	ND	0.050	0.008	ND	0.383	0.064		1
trans-1,2-Dichloroethene	ND	0.020	0.009	ND	0.079	0.036		1
1,1-Dichloroethane	ND	0.020	0.009	ND	0.081	0.035		1
Methyl tert butyl ether	ND	0.200	0.026	ND	0.721	0.094		1
2-Butanone	ND	0.500	0.132	ND	1.47	0.389		1
cis-1,2-Dichloroethene	ND	0.020	0.010	ND	0.079	0.040		1
Chloroform	ND	0.020	0.007	ND	0.098	0.035		1
1,2-Dichloroethane	ND	0.020	0.008	ND	0.081	0.034		1
1,1,1-Trichloroethane	ND	0.020	0.006	ND	0.109	0.032		1
Benzene	ND	0.100	0.030	ND	0.319	0.095		1
Carbon tetrachloride	ND	0.020	0.011	ND	0.126	0.069		1

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

Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
1,2-Dichloropropane	ND	0.020	0.008	ND	0.092	0.038		1
Bromodichloromethane	ND	0.020	0.007	ND	0.134	0.050		1
1,4-Dioxane	ND	0.100	0.034	ND	0.360	0.124		1
Trichloroethene	ND	0.020	0.006	ND	0.107	0.032		1
cis-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.054		1
4-Methyl-2-pentanone	ND	0.500	0.191	ND	2.05	0.783		1
trans-1,3-Dichloropropene	ND	0.020	0.012	ND	0.091	0.052		1
1,1,2-Trichloroethane	ND	0.020	0.010	ND	0.109	0.053		1
Toluene	ND	0.100	0.017	ND	0.377	0.063		1
Dibromochloromethane	ND	0.020	0.008	ND	0.170	0.068		1
1,2-Dibromoethane	ND	0.020	0.009	ND	0.154	0.070		1
Tetrachloroethene	ND	0.020	0.007	ND	0.136	0.050		1
1,1,1,2-Tetrachloroethane	ND	0.020	0.010	ND	0.137	0.069		1
Chlorobenzene	ND	0.100	0.026	ND	0.461	0.119		1
Ethylbenzene	ND	0.020	0.009	ND	0.087	0.037		1
p/m-Xylene	ND	0.040	0.018	ND	0.174	0.078		1
Bromoform	ND	0.020	0.011	ND	0.207	0.115		1
Styrene	ND	0.020	0.008	ND	0.085	0.034		1
1,1,2,2-Tetrachloroethane	ND	0.020	0.007	ND	0.137	0.046		1
o-Xylene	ND	0.020	0.009	ND	0.087	0.038		1
Isopropylbenzene	ND	0.200	0.030	ND	0.983	0.147		1
4-Ethyltoluene	ND	0.020	0.010	ND	0.098	0.049		1
1,3,5-Trimethybenzene	ND	0.020	0.010	ND	0.098	0.047		1
1,2,4-Trimethylbenzene	ND	0.020	0.008	ND	0.098	0.037		1
Benzyl chloride	ND	0.100	0.033	ND	0.518	0.172		1
1,3-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.046		1
1,4-Dichlorobenzene	ND	0.020	0.008	ND	0.120	0.045		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2509520
Report Date: 03/24/25

Air Canister Certification Results

Lab ID: L2509520-05
Client ID: CAN 4772 SHELF 68
Sample Location:

Date Collected: 02/20/25 17:00
Date Received: 02/20/25
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Air Lab								
sec-Butylbenzene	ND	0.200	0.027	ND	1.10	0.146		1
p-Isopropyltoluene	ND	0.200	0.037	ND	1.10	0.201		1
1,2-Dichlorobenzene	ND	0.020	0.006	ND	0.120	0.037		1
n-Butylbenzene	ND	0.200	0.032	ND	1.10	0.175		1
1,2,4-Trichlorobenzene	ND	0.050	0.015	ND	0.371	0.108		1
Naphthalene	ND	0.050	0.021	ND	0.262	0.110		1
1,2,3-Trichlorobenzene	ND	0.050	0.022	ND	0.371	0.166		1
Hexachlorobutadiene	ND	0.050	0.011	ND	0.533	0.117		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	81		60-140
bromochloromethane	86		60-140
chlorobenzene-d5	84		60-140

Project Name: HICKSVILLE-FORMER GIC
Project Number: 12601467

Lab Number: L2511450
Report Date: 03/24/25

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
NA	Present/Intact

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2511450-01A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2511450-02A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2511450-03A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2511450-04A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2511450-05A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2511450-06A	Canister - 6L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)

*Values in parentheses indicate holding time in days

Project Name:	HICKSVILLE-FORMER GIC	**Lab Number:**	L2511450
Project Number:	12601467	**Report Date:**	03/24/25

GLOSSARY

Acronyms

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

Report Format: DU Report with 'J' Qualifiers

Project Name:	HICKSVILLE-FORMER GIC	**Lab Number:**	L2511450
Project Number:	12601467	**Report Date:**	03/24/25

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively

Report Format: DU Report with 'J' Qualifiers

Project Name:	HICKSVILLE-FORMER GIC	**Lab Number:**	L2511450
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Data Qualifiers

Identified Compounds (TICs). For calculated parameters, this represents that one or more values used in the calculation were estimated.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

V - The surrogate associated with this target analyte has a recovery outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Z - The batch matrix spike and/or duplicate associated with this target analyte has a recovery/RPD outside the QC acceptance limits. (Applicable to MassDEP DW Compliance samples only.)

Project Name: HICKSVILLE-FORMER GIC **Lab Number:** L2511450

Project Number: 12601467 **Report Date:** 03/24/25

REFERENCES

48 Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air. Second Edition. EPA/625/R-96/010b, January 1999.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
EPA 624.1: m/p-xylene, o-xylene, Naphthalene
EPA 625.1: alpha-Terpineol
EPA 8260D: NPW: 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene; SCM: Iodomethane (methyl iodide), 1,2,4,5-Tetramethylbenzene; 4-Ethyltoluene.
EPA 8270E: NPW: Dimethylnaphthalene,1,4-Diphenylhydrazine, alpha-Terpineol, Azobenzene; SCM: Dimethylnaphthalene,1,4-Diphenylhydrazine.
SM4500: NPW: Amenable Cyanide; SCM: Total Phosphorus, TKN, NO2, NO3.

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
SM 2540D: TSS.
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
MADEP-APH.
Nonpotable Water: EPA RSK-175 Dissolved Gases
Biological Tissue Matrix: EPA 3050B

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.
Nonpotable Water: EPA RSK-175 Dissolved Gases

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

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
Determination of Selected Perfluorinated Alkyl Substances by Solid Phase Extraction and Liquid Chromatography/Tandem Mass Spectrometry Isotope Dilution (via Alpha SOP 23528)

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

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581

Drinking Water
EPA 300.0: Chloride, Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B, SM4500NO2-B**
EPA 524.2: THMs and VOCs; **EPA 504.1:** EDB, DBCP.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT,SM9222D**.

Non-Potable Water
SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2320B, SM4500CL-E, SM4500F-BC, SM4500NH3-BH: Ammonia-N and Kjeldahl-N, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **EPA 351.1, SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500P-E, SM4500P-B, E, SM4500SO4-E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, EPA 420.1, SM4500-CN-CE, SM2540D, EPA 300: Chloride, Sulfate, Nitrate.**
EPA 624.1: Volatile Halocarbons & Aromatics,
EPA 608.3: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625.1: SVOC (Acid/Base/Neutral Extractables).
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, EPA 1600, EPA 1603, SM9222D.**

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048

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

Non-Potable Water
EPA 200.7: Al, Sb, As, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Sr, TL, Ti, V, Zn.
EPA 200.8: Al, Sb**,** As, Be, Cd, Cr, Cu, Fe, Pb, Mn, Ni, K, Se, Ag, Na, TL, Zn.
EPA 245.1 Hg.
SM2340B

Certification IDs:

Westborough Facility – 8 Walkup Dr. Westborough, MA 01581
CT PH-0826, IL 200077, IN C-MA-03, KY JY98045, ME MA00086, MD 348, MA M-MA086, NH 2064, NJ MA935, NY 11148, NC (DW) 25700, NC (NPW/SCM) 666, OR MA-1316, PA 68-03671, RI LAO00065, TX T104704476, VT VT-0935, VA 460195

Mansfield Facility – 320 Forbes Blvd. Mansfield, MA 02048
CT PH-0825, ANAB/DoD L2474, IL 200081, IN C-MA-04, KY KY98046, LA 3090, ME MA00030, MI 9110, MN 025-999-495, NH 2062, NJ MA015, NY 11627, NC (NPW/SCM) 685, OR MA-0262, PA 68-02089, RI LAO00299, TX T-104704419, VT VT-0015, VA 460194, WA C954

Mansfield Facility – 120 Forbes Blvd. Mansfield, MA 02048
ANAB/DoD L2474, ME MA01156, MN 025-999-498, NH 2249, NJ MA025, NY 12191, OR 4203, TX T104704583, VA 460311, WA C1104.

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

AIR ANALYSIS

PAGE 1 OF 1

ALPHA ANALYTICAL — CHAIN OF CUSTODY

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

Date Rec'd in Lab: 3/1/25

ALPHA Job #: L2511450

Client Information

Client: GHD
Address:
Phone:
Fax:
Email:
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: Hicksville - former GE
Project Location: Hicksville, NY
Project #: 12601467
Project Manager: Ian McNamara
ALPHA Quote #:

Turn-Around Time

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

Report Information - Data Deliverables

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

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments:

Project-Specific Target Compound List: ☐

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	COLLECTION End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	ANALYSIS TO-15	TO-15 SIM	APH Subtract Non-petroleum HCs ☐	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
11450-01	IA2-12601467-022725-BF-001	2/27/25	2/27/25	0625	1425	-30.01	-4.25	IA	BKP	6L	4348	02213	X	X			
02	IA6-12601467-022725-BF-002			0624	1420	-30.20	-6.01	IA	BKP	6L	2286	01790	X	X			
03	IA7-12601467-022725-BF-003			0619	1410	-28.41	-5.10	IA	BKP	6L	4772	0349	X	X			
04	IA7-12601467-022725-BF-004			0618	1411	-29.81	-5.69	IA	BKP	6L	4421	0161	X	X			
05	OA1-12601467-022725-BF-005			0604	1404	-30.19	-6.10	OA	BKP	6L	5261	02665	X	X			
06	TB-12601467-022725-BF-006			—	—	—	—	TB	BKP	6L	3088	01077	X	X			

*SAMPLE MATRIX CODES

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

Container Type

Relinquished By:	Date/Time	Received By:	Date/Time:
FACE	2/28/25 0933	FACE	2/28/25 933
Jnasan	2/28/25 935	Jnasan	2/28/25 2200
	3/1/25 0100		3/1/25 01:00
	3/1/25 06:00	Chain-FACE	3/1/25 0600

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.

3/1/25 0635

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

Appendix E

Data Validation Report

Data Validation Report

April 28, 2025

To	Ian McNamara	**Project No.**	12601467
Copy to	Sarah King [sarah.king2@ghd.com]	**DVR No.**	3
From	Christopher Arcuri/cs	**Contact No.**	717.585.6408
Project Name	A&H/Vishay - Former GIC - Hicksville	**Email**	Christopher.Arcuri@ghd.com
Subject	Analytical Results and Full Validation Annual SVI Sampling Askin & Hooker, LLC – Former GIC Site Hicksville, New York February 2025		

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

1. Introduction

This document details a validation of analytical results for air samples collected in support of the Annual SVI Sampling at the Former GIC site in Hicksville, New York during February 2025. Samples were submitted to Pace Analytical Services located in Mansfield, Massachusetts. A sample collection and analysis summary is presented in Table 1. The validated analytical results are summarized in Table 2. A summary of the analytical methodology is presented in Table 3.

Full Analytical Services Protocol (ASP) Category B equivalent raw data deliverables were provided by the laboratory. Evaluation of the data was based on information obtained from the finished data sheets, raw data, chain of custody form, calibration data, blank data, and recovery data from laboratory control samples (LCS). The assessment of analytical and in-house data included checks for: data consistency (by observing comparability of duplicate analyses), adherence to accuracy and precision criteria, and transmittal errors.

The QA/QC criteria by which these data have been assessed are outlined in the analytical methods referenced in Table 3 and applicable guidance from the document entitled "National Functional Guidelines for Organic Superfund Methods Data Review", USEPA 540-R-20-005, November 2020.

2. Sample Holding Time and Preservation

The sample holding time criteria for the analyses are summarized in Table 3. Sample chain of custody documents and analytical reports were used to determine sample holding times. All samples were analyzed within the required holding times.

All sample canisters were received at the laboratory in good condition and within acceptable canister pressure range of –1 inch of mercury (Hg) to –10 inches of Hg, indicating samples were still under vacuum upon receipt.

3. Gas Chromatography/Mass Spectrometer (GC/MS) – Tuning and Mass Calibration (Instrument Performance Check)

Prior to volatile organic compound (VOC) analysis, GC/MS instrumentation is tuned to ensure optimization over the mass range of interest. To evaluate instrument tuning, methods require the analysis of the specific tuning compound, bromofluorobenzene (BFB). The resulting spectra must meet the criteria cited in the methods before analysis is initiated. Analysis of the tuning compound must then be repeated every 24 hours throughout sample analysis to ensure the continued optimization of the instrument.

The tuning compound was analyzed at the required frequency throughout VOC analysis periods. All tuning criteria were met indicating that proper optimization of the instrumentation was achieved.

4. Initial Calibration

To quantify VOCs of interest in samples, calibration of the GC/MS over a specific concentration range must be performed. Initially, a five-point calibration curve containing all compounds of interest is analyzed to characterize instrument response for each analyte over a specific concentration range. Linearity of the calibration curve and instrument sensitivity are evaluated against the following criteria:

1. All relative response factors (RRFs) must be greater than or equal to 0.050.
2. The percent relative standard deviation (%RSD) values must not exceed 30.0 percent or a minimum coefficient of determination (R^2) of 0.99 if linear and quadratic equation calibration curves are used.

The initial calibration data for VOCs were reviewed. Most compounds met the above criteria for sensitivity and linearity. Table 4 presents the sample results that were qualified due to an outlying initial calibration %RSD.

5. Continuing Calibration

To ensure that instrument calibration for VOC analyses is acceptable throughout the sample analysis period, continuing calibration standards must be analyzed and compared to the initial calibration curve every 24 hours.

The following criteria were employed to evaluate continuing calibration data:

1. All RRF values must be greater than or equal to 0.050
2. Percent difference (%D) values must not exceed 30.0 percent

Calibration standards were analyzed at the required frequency, and most results met the above criteria for instrument sensitivity and stability. Table 5 presents the sample results that were qualified due to outlying continuing calibration %D.

6. Laboratory Blank Analyses

Method blanks are prepared from a purified matrix and analyzed with investigative samples to determine the existence and magnitude of sample contamination introduced during the analytical procedures.

For this study, laboratory method blanks were analyzed at a minimum frequency of one per analytical batch.

Most method blank results were non-detect, indicating that laboratory contamination was not a factor for this investigation. Table 6 presents the results that were qualified as non-detect due to a method blank detection.

Canister batch certification blank results were also reviewed. No target analytes were detected in the canister blanks.

7. Internal Standards (IS) Analyses

IS data were evaluated for all VOC sample analyses.

To ensure that changes in the GC/MS sensitivity and response do not affect sample analysis results, IS compounds are added to each sample prior to analysis. All results are then calculated as a ratio of the IS responses.

The sample IS results were evaluated against the following criteria:

1. The retention time of the IS must not vary more than ±20 seconds from the associated calibration standard.
2. IS area counts must not vary by more than ± 40 percent from the associated calibration standard.

All organic IS recoveries and retention times met the above criteria.

8. Laboratory Control Sample Analyses

LCS are prepared and analyzed as samples to assess the analytical efficiencies of the methods employed, independent of sample matrix effects.

For this study, LCS were analyzed at a minimum frequency of one per analytical batch.

The LCS contained all compounds of interest. Most LCS recoveries were within the laboratory control limits, demonstrating acceptable analytical accuracy. Table 7 presents the samples results that were qualified due to a high LCS recovery.

9. Field QA/QC Sample

The field QA/QC consisted of one trip blank sample.

To evaluate contamination from sample collection, transportation, storage, and analytical activities, one trip blank was submitted to the laboratory for VOC analysis. Most results were non-detect for the compounds of interest. Where one trip blank detection was observed, associated sample results were previously qualified as non-detect due to method blank contamination.

10. Analyte Reporting

The laboratory reported detected results down to the laboratory's method detection limit (MDL) for each analyte. Positive analyte detections less than the RL but greater than the MDL were qualified as estimated (J) in Table 2 unless qualified otherwise in this report. Non-detect results were presented as non-detect at the RL in Table 2.

11. Target Compound Identification

To minimize erroneous compound identification during VOC analysis, qualitative criteria including compound retention time and mass spectra were evaluated according to the identification criteria established by the methods. The samples identified in Table 1 were reviewed. The VOCs reported adhered to the specified identification criteria.

12. Conclusion

Based on the assessment detailed in the foregoing, the data summarized in Table 2 are acceptable with the specific qualifications noted herein.

Regards,

Christopher Arcuri
Chemistry Data Validator/Analytical Coordinator

Table 1

Sample Collection and Analysis Summary
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Sample Delivery Group	Sample Identification	Location	Matrix	Collection Date (mm/dd/yyyy)	Collection Time (hr:min)	Parameter: VOCs	Comments
L2511450	IA6-12601467-022725-BP-002	IA-6	Indoor Air	02/27/2025	14:20	X	
	IA7-12601467-022725-BP-003	IA-7	Indoor Air	02/27/2025	14:10	X	
	IA7-12601467-022725-BP-004	IA-7	Indoor Air	02/27/2025	14:11	X	
	IA2-12601467-022725-BP-001	IA-2	Indoor Air	02/27/2025	14:25	X	
	OA1-12601467-022725-BP-005	OA-1	Outdoor Air	02/27/2025	14:04	X	
	TB-12601467-022725-BP-006	--	Air	02/27/2025	--	X	Trip Blank

Notes:

VOCs - Volatile Organic Compounds
-- - Not applicable

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Location ID:		**IA-6**	**IA-7**	**IA-7**
Sample Name:		**IA6-12601467-022725-BP-002**	**IA7-12601467-022725-BP-003**	**IA7-12601467-022725-BP-004**
Sample Date:		**02/27/2025**	**02/27/2025**	**02/27/2025**
Parameters	**Unit**			
Volatile Organic Compounds				
1,1,1-Trichloroethane	µg/m3	0.109 U	0.109 U	0.109 U
1,1,2,2-Tetrachloroethane	µg/m3	1.37 U	1.37 U	1.37 U
1,1,2-Trichloroethane	µg/m3	1.09 U	1.09 U	1.09 U
1,1-Dichloroethane	µg/m3	0.809 U	0.809 U	0.809 U
1,1-Dichloroethene	µg/m3	0.079 U	0.079 U	0.079 U
1,2,4-Trichlorobenzene	µg/m3	1.48 U	1.48 U	1.48 U
1,2,4-Trimethylbenzene	µg/m3	2.44	2.38	2.14
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.54 U	1.54 U	1.54 U
1,2-Dichlorobenzene	µg/m3	1.20 U	1.20 U	1.20 U
1,2-Dichloroethane	µg/m3	0.809 U	0.809 U	0.809 U
1,2-Dichloropropane	µg/m3	0.924 U	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m3	1.40 U	1.40 U	1.40 U
1,3,5-Trimethylbenzene	µg/m3	0.792 J	0.742 J	0.629 J
1,3-Butadiene	µg/m3	2.01	1.73	1.66
1,3-Dichlorobenzene	µg/m3	1.20 U	1.20 U	1.20 U
1,4-Dichlorobenzene	µg/m3	1.20 U	1.20 U	1.20 U
1,4-Dioxane	µg/m3	0.721 U	0.721 U	0.721 U
2,2,4-Trimethylpentane	µg/m3	4.38	3.53	3.27
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	1.40 J	1.13 J	1.20 J
2-Hexanone	µg/m3	0.820 U	0.820 U	0.820 U
4-Ethyl toluene	µg/m3	0.742 J+	0.551 J+	0.551 J+
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.05 U	2.05 U	2.05 U
Acetone	µg/m3	7.27	6.89	5.75
Allyl chloride	µg/m3	0.626 U	0.626 U	0.626 U
Benzene	µg/m3	7.67	6.74	6.13
Benzyl chloride	µg/m3	1.04 UJ	1.04 UJ	1.04 UJ
Bromodichloromethane	µg/m3	1.34 U	1.34 U	1.34 U
Bromoform	µg/m3	2.07 U	2.07 U	2.07 U
Bromomethane (Methyl bromide)	µg/m3	0.777 U	0.777 U	0.777 U
Carbon disulfide	µg/m3	0.623 U	0.623 U	0.623 U

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

	Location ID:	IA-6	IA-7	IA-7
	Sample Name:	IA6-12601467-022725-BP-002	IA7-12601467-022725-BP-003	IA7-12601467-022725-BP-004
	Sample Date:	02/27/2025	02/27/2025	02/27/2025
Parameters	**Unit**			
Volatile Organic Compounds				
Carbon tetrachloride	µg/m3	0.491	0.465	0.453
Chlorobenzene	µg/m3	0.921 U	0.921 U	0.921 U
Chloroethane	µg/m3	0.528 U	0.528 U	0.528 U
Chloroform (Trichloromethane)	µg/m3	0.293 J	0.293 J	0.977 U
Chloromethane (Methyl chloride)	µg/m3	1.18	1.32	0.772
cis-1,2-Dichloroethene	µg/m3	0.079 U	0.079 U	0.079 U
cis-1,3-Dichloropropene	µg/m3	0.908 U	0.908 U	0.908 U
Cyclohexane	µg/m3	1.52	1.70	1.22
Dibromochloromethane	µg/m3	1.70 U	1.70 U	1.70 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.35	2.32	2.27
Ethanol	µg/m3	53.9	42.4	44.8
Ethyl acetate	µg/m3	1.80 U	1.80 U	1.80 U
Ethylbenzene	µg/m3	2.65	2.26	2.11
Hexachlorobutadiene	µg/m3	2.13 U	2.13 U	2.13 U
Hexane	µg/m3	6.03	4.90	12.5
Isopropyl alcohol	µg/m3	18.1	13.9	36.9
m&p-Xylenes	µg/m3	8.17	7.12	6.43
Methyl tert butyl ether (MTBE)	µg/m3	0.721 U	0.721 U	0.721 U
Methylene chloride	µg/m3	0.688 J	0.660 J	0.736 J
N-Heptane	µg/m3	3.19	2.88	2.45
Naphthalene	µg/m3	0.425 J	0.398 J	0.996 UJ
o-Xylene	µg/m3	3.31	2.79	2.62
Styrene	µg/m3	0.400 J	0.490 J	0.387 J
tert-Butyl alcohol	µg/m3	1.52 U	1.52 U	1.52 U
Tetrachloroethene	µg/m3	1.22 U	0.983 U	0.651 U
Tetrahydrofuran	µg/m3	1.47 U	1.47 U	1.47 U
Toluene	µg/m3	14.4	11.8	10.9
trans-1,2-Dichloroethene	µg/m3	0.793 U	0.793 U	0.793 U
trans-1,3-Dichloropropene	µg/m3	0.908 U	0.908 U	0.908 U
Trichloroethene	µg/m3	0.065 J	0.107 U	0.107 U

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Location ID:		**IA-6**	**IA-7**	**IA-7**
Sample Name:		**IA6-12601467-022725-BP-002**	**IA7-12601467-022725-BP-003**	**IA7-12601467-022725-BP-004**
Sample Date:		**02/27/2025**	**02/27/2025**	**02/27/2025**
Parameters	**Unit**			
Volatile Organic Compounds				
Trichlorofluoromethane (CFC-11)	µg/m3	1.21	1.18	1.30
Trifluorotrichloroethane (CFC-113)	µg/m3	0.590 J	0.544 J	0.583 J
Vinyl bromide (Bromoethene)	µg/m3	0.874 U	0.874 U	0.874 U
Vinyl chloride	µg/m3	0.051 U	0.051 U	0.051 U

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Location ID:		**IA-2**	**OA-1**
Sample Name:		**IA2-12601467-022725-BP-001**	**OA1-12601467-022725-BP-005**
Sample Date:		**02/27/2025**	**02/27/2025**
Parameters	**Unit**		
Volatile Organic Compounds			
1,1,1-Trichloroethane	µg/m3	0.109 U	0.109 U
1,1,2,2-Tetrachloroethane	µg/m3	1.37 U	1.37 U
1,1,2-Trichloroethane	µg/m3	1.09 U	1.09 U
1,1-Dichloroethane	µg/m3	0.809 U	0.809 U
1,1-Dichloroethene	µg/m3	0.079 U	0.079 U
1,2,4-Trichlorobenzene	µg/m3	1.48 U	1.48 U
1,2,4-Trimethylbenzene	µg/m3	2.12	0.983 U
1,2-Dibromoethane (Ethylene dibromide)	µg/m3	1.54 U	1.54 U
1,2-Dichlorobenzene	µg/m3	1.20 U	1.20 U
1,2-Dichloroethane	µg/m3	0.809 U	0.809 U
1,2-Dichloropropane	µg/m3	0.924 U	0.924 U
1,2-Dichlorotetrafluoroethane (CFC 114)	µg/m3	1.40 U	1.40 U
1,3,5-Trimethylbenzene	µg/m3	0.492 J	0.983 U
1,3-Butadiene	µg/m3	1.60	0.442 U
1,3-Dichlorobenzene	µg/m3	1.20 U	1.20 U
1,4-Dichlorobenzene	µg/m3	1.20 U	1.20 U
1,4-Dioxane	µg/m3	0.721 U	0.721 U
2,2,4-Trimethylpentane	µg/m3	4.90	0.416 J
2-Butanone (Methyl ethyl ketone) (MEK)	µg/m3	3.24	0.885 J
2-Hexanone	µg/m3	0.820 U	0.820 U
4-Ethyl toluene	µg/m3	0.703 J+	0.983 U
4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	µg/m3	2.05 U	2.05 U
Acetone	µg/m3	21.6	9.43
Allyl chloride	µg/m3	0.626 U	0.626 U
Benzene	µg/m3	9.94	0.649
Benzyl chloride	µg/m3	1.04 UJ	1.04 UJ
Bromodichloromethane	µg/m3	1.34 U	1.34 U
Bromoform	µg/m3	2.07 U	2.07 U
Bromomethane (Methyl bromide)	µg/m3	0.777 U	0.777 U
Carbon disulfide	µg/m3	0.623 U	0.623 U

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

	Location ID:	**IA-2**	**OA-1**
	Sample Name:	**IA2-12601467-022725-BP-001**	**OA1-12601467-022725-BP-005**
	Sample Date:	**02/27/2025**	**02/27/2025**
Parameters	**Unit**		
Volatile Organic Compounds			
Carbon tetrachloride	µg/m3	0.478	0.491
Chlorobenzene	µg/m3	0.921 U	0.921 U
Chloroethane	µg/m3	0.528 U	0.528 U
Chloroform (Trichloromethane)	µg/m3	0.977 U	0.977 U
Chloromethane (Methyl chloride)	µg/m3	1.40	1.34
cis-1,2-Dichloroethene	µg/m3	0.079 U	0.079 U
cis-1,3-Dichloropropene	µg/m3	0.908 U	0.908 U
Cyclohexane	µg/m3	1.91	0.688 U
Dibromochloromethane	µg/m3	1.70 U	1.70 U
Dichlorodifluoromethane (CFC-12)	µg/m3	2.48	2.66
Ethanol	µg/m3	68.4	6.67 J
Ethyl acetate	µg/m3	1.80 U	1.80 U
Ethylbenzene	µg/m3	3.16	0.869 U
Hexachlorobutadiene	µg/m3	2.13 U	2.13 U
Hexane	µg/m3	6.77	0.747
Isopropyl alcohol	µg/m3	16.1	2.38 J
m&p-Xylenes	µg/m3	8.43	0.582 J
Methyl tert butyl ether (MTBE)	µg/m3	0.721 U	0.721 U
Methylene chloride	µg/m3	0.691 J	0.667 J
N-Heptane	µg/m3	3.80	0.410 J
Naphthalene	µg/m3	0.456 J	0.996 UJ
o-Xylene	µg/m3	3.48	0.869 U
Styrene	µg/m3	0.336 J	0.852 U
tert-Butyl alcohol	µg/m3	1.52 U	1.52 U
Tetrachloroethene	µg/m3	1.08 U	0.644 U
Tetrahydrofuran	µg/m3	1.47 U	1.47 U
Toluene	µg/m3	17.1	0.957
trans-1,2-Dichloroethene	µg/m3	0.793 U	0.793 U
trans-1,3-Dichloropropene	µg/m3	0.908 U	0.908 U
Trichloroethene	µg/m3	0.107 U	0.107 U

Table 2

Analytical Results Summary
Annual SVI Sampling
Asker & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Location ID:		**IA-2**	**OA-1**
Sample Name:		**IA2-12601467-022725-BP-001**	**OA1-12601467-022725-BP-005**
Sample Date:		**02/27/2025**	**02/27/2025**
Parameters	**Unit**		
Volatile Organic Compounds			
Trichlorofluoromethane (CFC-11)	µg/m3	1.28	1.24
Trifluorotrichloroethane (CFC-113)	µg/m3	0.560 J	0.567 J
Vinyl bromide (Bromoethene)	µg/m3	0.874 U	0.874 U
Vinyl chloride	µg/m3	0.051 U	0.051 U

Notes:

U - Not detected at the associated reporting limit
J - Estimated concentration
J+ - Estimated concentration; result may be biased high
UJ - Not detected; associated reporting limit is estimated

Table 3

Analytical Methods
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Parameter	Method	Matrix	Holding Time Collection to to Analysis (Days)
Volatile Organic Compounds (VOCs)	TO-15	Air	30
	TO-15 SIM	Air	30

Note:

SIM - Selected Ion Monitoring

Method Reference:

EPA Method TO-15 - "Compendium of Methods for the Determination of Toxic Organic Compounds in Ambient Air", EPA-625/R-96/010b, January 1999.

Table 4

Qualified Sample Results Due to Outlying Initial Calibration Results
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	Average RRF	% RSD	Associated Sample ID	Qualified Result	Units
VOCs	Benzyl chloride	03/17/2025	3.92	30.98	IA2-12601467-022725-BP-001	1.04 UJ	µg/m3
					IA6-12601467-022725-BP-002	1.04 UJ	µg/m3
					IA7-12601467-022725-BP-003	1.04 UJ	µg/m3
					IA7-12601467-022725-BP-004	1.04 UJ	µg/m3
					OA1-12601467-022725-BP-005	1.04 UJ	µg/m3

Notes:

%RSD - Percent Relative Standard Deviation
RRF - Relative Response Factor
UJ - Not detected; associated reporting limit is estimated
VOCs - Volatile Organic Compounds

Table 5

Qualified Sample Results Due to Outlying Continuing Calibration Results
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Parameter	Analyte	Calibration Date (mm/dd/yyyy)	RRF	%D	Associated Sample ID	Qualified Result	Units
VOCs	Naphthalene	03/21/2025	12.716	-38.1	IA7-12601467-022725-BP-004	0.996 UJ	µg/m3
					OA1-12601467-022725-BP-005	0.996 UJ	µg/m3

Notes:

%D - Percent difference
RRF - Relative Response Factor
UJ - Not detected; associated reporting limit is estimated
VOCs - Volatile Organic Compounds

Table 6

Qualified Sample Results Due to Analyte Concentrations in the Method Blanks
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Parameter	Analyte	Analysis Date (mm/dd/yyyy)	Blank Result *	Sample ID	Original Result	Qualified Result	Units
VOCs	Tetrachloroethene	03/21/2025	0.122 J	IA2-12601467-022725-BP-001	1.08	1.08 U	µg/m3
				IA6-12601467-022725-BP-002	1.22	1.22 U	µg/m3
				IA7-12601467-022725-BP-003	0.983	0.983 U	µg/m3
				IA7-12601467-022725-BP-004	0.651	0.651 U	µg/m3
				OA1-12601467-022725-BP-005	0.644	0.644 U	µg/m3

Notes:

*	- Blank result adjusted for sample factors where applicable
U	- Not detected at the associated reporting limit
J	- Estimated concentration
VOCs	- Volatile Organic Compounds

Table 7

Qualified Sample Results Due to Outlying Laboratory Control Sample Results
Annual SVI Sampling
Askin & Hooker, LLC - Former GIC Site
Hicksville, New York
February 2025

Parameter	Analyte	LCS Date (mm/dd/yyyy)	LCS % Recovery	Control Limits % Recovery	Associated Sample ID	Qualified Results	Units
VOCs	4-Ethyl toluene	03/21/2025	137	70 - 130	IA2-12601467-022725-BP-001	0.703 J+	µg/m3
					IA6-12601467-022725-BP-002	0.742 J+	µg/m3
					IA7-12601467-022725-BP-003	0.551 J+	µg/m3
					IA7-12601467-022725-BP-004	0.551 J+	µg/m3

Notes:

LCS - Laboratory Control Sample
J+ - Estimated concentration; result may be biased high
VOCs - Volatile Organic Compounds

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