July 18, 2024

Mr. Chris Geiger
Geiger Property Management, Inc.
21 Greene Avenue
Amityville, New York 11701

RE: Additional Subsurface Investigation Report
East Fayette Street, Syracuse, NY
CHA Project Number: 086328

Dear Mr. Geiger:

CHA Consulting Inc. (CHA) performed an Additional Subsurface Investigation on May 20th through the 21st, 2024, on six tax parcels collectively referred to as the Site, listed below, in Syracuse, New York. The Site location map is included as Figure 1.

Tax ID	Owner	Street #	Street
030.-16-02.0	Swanson Fayette Association, LLC	505	E. Fayette St.
030.-16-18.0	Syracuse Parking Association, LLC	701-03	E. Fayette St.& Almond St.
030.-16-17.0	Wadanole Theodore T Johnson Howard Civio	705	E. Fayette St.
030.-16-16.0	Swanson Fayette Association, LLC	505	E. Fayette St.
030.-16-03.0	Swanson Fayette Association, LLC	712-16	E. Washington St.
030.-16-13.1	715 EFSU LLC	715	E. Fayette St. to E. Washington St.

This additional investigation was performed to identify the presence or absence of contamination across the Site and is a supplement to the investigation completed and summarized in a report data February 22, 2024. CHA collected surface soil, groundwater, indoor air, and soil vapor samples as described below. It is our understanding that Geiger Property Management, Inc. intends to apply to the NYSDEC Brownfield Cleanup Program with a goal of achieving a Track 2 cleanup determination.

SCOPE OF WORK

Surface Soil

To characterize the surface soil condition in areas where vegetation was present, CHA collected soil samples for laboratory analysis. The samples were collected approximately six inches below ground surface (bgs) in the locations shown on Attachment A. Surface soil logs summarizing the surface soil conditions encountered, soil type, and other field observations are recorded on the surface soil logs, included in Attachment B.

Subsurface Soil

Subsurface soils across the site were analyzed in the previous investigation and therefore were not analyzed as part of this supplemental investigation. However, soil boring logs summarizing the subsurface conditions encountered during the installation of the temporary monitoring wells (described below) are included as Attachment C. The logs include soil type, PID readings, and other applicable field observations.

Groundwater

Two soil borings were converted into temporary monitoring wells to facilitate the collection of groundwater samples for laboratory analysis. The locations of wells were chosen based on the presumed direction of groundwater flow and are shown on Attachment A. Each monitoring well was constructed with one-inch diameter PVC riser pipe and well screen. The well screen had a slot opening size of 0.010-inches and the screen was inserted directly into the open boring. CHA collected one groundwater sample from each of the wells via a peristaltic pump and dedicated tubing. The installation of temporary wells and the use of a peristaltic pump to collect the groundwater samples resulted in turbid samples. These samples were then lab filtered by Pace Analytical.

Once groundwater samples were collected, the PVC piping was removed, and each borehole was backfilled with excess soil generated from the boring operations.

Surface Soil and Groundwater Samples

Surface soil and groundwater samples were submitted to Pace Analytical located in Westborough, Massachusetts (Laboratory Certification Number 11148) for laboratory analysis of:

- Volatile organic compounds (VOCs) via Environmental Protection Agency (EPA) Method 8260 (groundwater only);
- Semi-volatile organic compounds (SVOCs) via EPA Method 8270;
- Total Solids via EPA Method SM 2540 (surface soil samples only); and
- RCRA 8 Metals via EPA Method 6010.

Samples were placed directly into laboratory-supplied containers, which were labeled with the project name, sample identification, date, time, sampler's initials, and applicable laboratory analyses. Samples were submitted to Pace Analytical under proper chain-of-custody protocols.

Sub-Slab Soil Vapor and Indoor Air

In addition to the surface soil, and groundwater samples, CHA installed three sub-slab soil vapor (SSV) and indoor air points to facilitate the collection of soil vapor samples under building slabs and indoor air quality in the locations shown on Attachment A. The SSV points were installed using the following methodology:

- A hammer drill with a ½-inch masonry bit was used to drill a hole through the existing concrete slab just into the subsurface below.
- A piece of high-density polyethylene (HDPE) tubing was then placed in the hole and the annulus between the tubing and the concrete slab was plugged with Permagum® and hydrated bentonite clay.

CHA then performed a helium tracer gas study at each of the test locations in accordance with the New York State Department of Health (NYSDOH) Soil Vapor Intrusion guidance document. A plastic bucket with a butyl rubber gasket was utilized to create a shroud enclosure to perform the test. CHA's conservative maximum allowable concentration of helium intrusion into the SSV point was 10,000 parts per million (ppm). Each of the locations were determined to have an adequate seal for testing purposes. Concentration of helium detected at each point is noted on the Air Sampling Logs included in Attachment D.

Laboratory supplied SUMMA cannisters with a laboratory-measured vacuum pressure of approximately -30 inches of mercury (in. Hg) were used to collect SSV samples at each of the SSV points over an eight-hour day. An additional SUMMA cannister was placed adjacent to each SSV point to facilitate the collection of an indoor air (IA) sample over the same timeframe. Actual vacuum at the beginning and end of the test and total test duration are recorded on the Air Sampling Logs. The samples were submitted to Pace Analytical for analysis of VOCs via EPA method TO-15. CHA installed three soil vapor points across the Site at depths of five feet below ground surface, included in Attachment A. However, samples were unable to be collected due to tight soils prohibiting air flow. A sampling pump was utilized to attempt to obtain flow but was unsuccessful. Stiff, silty clay soils were noted to depths approximately ten feet below ground surface.

FIELD OBSERVATIONS

Soils at the Site primarily consist of fill material, silty clay and sandy gravel. Fill material was observed to a depth of approximately one to two feet below ground surface. Fragments of crushed stone were found in the fill material. Beneath the fill material, the Site soils are generally silty clays followed by sandy gravels. Typically, wet soils were encountered approximately seven to ten feet bgs. Evidence of contamination such as free-product, sheen, or odor were not identified in the subsurface soils below the fill material. Soil boring logs are included in Attachment C.

Saturated soil was identified between 18 and 25 feet bgs in the borings SB-008 and SB-009. Depth to groundwater in the temporary wells was typically recorded around 17 feet bgs. A survey of the wells was not prepared during this subsurface investigation because only temporary groundwater wells were installed. However, based on elevation and proximity to Onondaga Lake, the direction of groundwater flow can be approximated to be toward the northwest.

The buildings on Site were in various states of disrepair, particularly the former gas station and car wash. Broken windows and inadequate weathertight seals around doors were observed.

ANAYLTICAL RESULTS

Results for surface soil, groundwater indoor air and soil vapor are presented in Tables 1-3. Full laboratory reports for all media are included in Attachment E.

Surface Soil

Surface soil results are presented in Table 1 and were compared to Title 6 of the New York Codes, Rules and Regulations (NYCRR) Part 375 – Soil Cleanup Objectives (SCO) for Restricted Residential Use, the Protection of Groundwater and the Protection of Ecological Resources. Results indicate that there were detections of SVOCs and metals in all three sample locations, with the following polycyclic aromatic hydrocarbons (PAHs) exceeding the above mentioned SCOs:

In the surface soil sample Surf-001 the following parameters exceeded on of the SCOs:

- Benzo(a)anthracene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Benzo(a)pyrene - Exceeded the Restricted Residential SCO.
- Benzo(b)fluoranthene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Benzo(k)fluoranthene,
- Chrysene - Exceeded the Protection of Groundwater SCO.
- Dibenzo(a,h)anthracene, and Indeno(1,2,3-cd)pyrene - Exceeded the Restricted Residential SCO.

In the surface soil sample Surf-003 the following parameters exceeded on of the SCOs:

- Benzo(a)anthracene Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Benzo(a)pyrene - Exceeded both the Protection of Ecological Resources and the Restricted Residential SCO.
- Benzo(b)fluoranthene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Benzo(k)fluoranthene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Chrysene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.
- Dibenzo(a,h)anthracene - Exceeded the Restricted Residential SCO.
- Indeno(1,2,3-cd)pyrene - Exceeded both the Protection of Groundwater and the Restricted Residential SCOs.

In addition to the SVOCs, metals were also detected in all three surface soil samples:

- Lead was detected above the Protection of Ecological Resources SCO at locations SURF-01 and SURF-03.

PAHs are typically associated with petroleum products such as coal, oil, or gasoline and are commonly found in urban areas. Additionally, metals are naturally occurring, and it is not uncommon to see exceedances of metals in an urban environment. However, the elevated nature of certain metals may reflect historic Site use.

Groundwater

Groundwater results are presented in Table 2 and were compared to the Technical Operations and Guidance Series 1.1.1. (TOGS 1.1.1.) Ambient Water Quality Standards (AWQS) for Class GA waters. As shown in Table 2, there were multiple VOCs, SVOCs, and metals detected in the groundwater samples collected. Only detected compounds are displayed and the full laboratory report is included in Attachment E. Attachment A visually represents the location of where each groundwater sample was collected.

- Phenol was the only SVOC detected in exceedance of TOGS 1.1.1. in groundwater samples TMW-001 and TMW-002.
- The metals barium, chromium, lead, mercury and selenium, were detected above TOGS 1.1.1 AWQS in both groundwater samples.

Indoor Air and Soil Vapor Intrusion

The NYSDOH provides guidance for evaluating soil vapor intrusion in New York State and focuses on 8 primary volatile chemicals; carbon tetrachloride, 1,1-dichloroethene, cis-1,2-dichloroethene, trichloroethene, methylene chloride, tetrachloroethene, 1,1,1-trichloroethane, and vinyl chloride and 12 petroleum hydrocarbons; benzene, ethylbenzene, naphthalene, cyclohexane, isooctane (2,2,4-trimethylpentane), 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, o-xylene, m,p-xylene, heptane, hexane and toluene. Sub-slab vapor and indoor air was evaluated within the buildings on Site and results were compared to the NYSDOH Soil Vapor/Indoor Air Decision Matrices, updated in May 2017 and February 2024, for these compounds. Attachment A displays the sample locations. Table 3 displays the results from this investigation in comparison with the decision matrices. In summary, results indicate that the location IA-02/SS-02 should be monitored and re-evaluated for the parameter 2,2,4-trimethylpentane. Additionally, the potential sources should be identified and resampling should occur at location IA-03/SS-03.

CONCLUSIONS

Given the field evidence observed and the results of the laboratory analysis conducted, contamination does exist across the site in all media. Based upon the above information, CHA has concluded the following:

- Surface soil is impacted by PAHs and metals compared to their respective SCOs.
- Groundwater is impacted by phenol and heavy metals compared to their respective guidance values.
- Sub-Slab Vapor and Indoor Air samples may have been impacted by building conditions such as broken windows and/or lack of weathertight seals around doors.
- Several compounds were detected within the SSV and IA samples collected, some requiring resampling and one other requiring monitoring per the NYSDOH guidance criteria.

RECOMMENDATIONS

Based on the results of this investigation and the investigation in February 2024, CHA recommends applying for acceptance into the NYSDEC Brownfield Cleanup Program for the parcels investigated. If you should have any questions or require additional information, please feel free to contact me at (315) 257-7154.

Sincerely,

Samantha Miller

Samantha J. Miller, PE,
Senior Engineer V

Tables: Table 1 – Surface Soil Analytical Results
Table 2 – Groundwater Analytical Results
Table 3 – NYSDOH Decision Matrix Outcomes

Attachments: Attachment A – Sample Location Map
Attachment B – Surface Soil Field Logs
Attachment C – Subsurface Soil Boring Field Logs
Attachment D – Air Sample Field Logs
Attachment E – Laboratory Analytical Results

Table 1 – Surface Soil Analytical Results

Table 1 . Surface Soil Results
Detections Only
East Fayette St., and Washington St. Parcels, City of Syracuse, Onondaga County, New York

LOCATION					SURF-001		SURF-002		SURF-003	
SAMPLING DATE					5/20/2024		5/20/2024		5/20/2024	
SAMPLE TYPE					SOIL		SOIL		SOIL	
SAMPLE DEPTH (ft.)					Surface		Surface		Surface	
	NY-RESER	NY-RESGW	NY-RESRR	Units	Results		Results		Results	
General Chemistry										
Solids, Total				%	87.4		95.4		92.3	
Semivolatile Organics by GC/MS										
2-Methylnaphthalene				mg/kg	0.024	J	0.2	U	0.32	J
Acenaphthene	20	98	100	mg/kg	0.065	J	0.14	U	2.1	
Acenaphthylene		107	100	mg/kg	0.057	J	0.14	U	1.4	U
Anthracene		1000	100	mg/kg	0.24		0.034	J	4.1	
Benzo(a)anthracene		1	1	mg/kg	1.2		0.2		16	
Benzo(a)pyrene	2.6	22	1	mg/kg	1.6		0.23		16	
Benzo(b)fluoranthene		1.7	1	mg/kg	2		0.33		20	
Benzo(ghi)perylene		1000	100	mg/kg	0.97		0.18		9.2	
Benzo(k)fluoranthene		1.7	3.9	mg/kg	0.75		0.11		6.6	
Carbazole				mg/kg	0.12	J	0.022	J	2.4	
Chrysene		1	3.9	mg/kg	1.3		0.23		15	
Dibenzo(a,h)anthracene		1000	0.33	mg/kg	0.25		0.041	J	2.4	
Dibenzofuran		210	59	mg/kg	0.035	J	0.17	U	0.8	J
Fluoranthene		1000	100	mg/kg	2.2		0.34		31	
Fluorene	30	386	100	mg/kg	0.058	J	0.17	U	1.5	J
Indeno(1,2,3-cd)pyrene		8.2	0.5	mg/kg	0.99		0.16		9.2	
Naphthalene		12	100	mg/kg	0.043	J	0.17	U	1.8	U
Phenanthrene		1000	100	mg/kg	0.86		0.13		16	
Pyrene		1000	100	mg/kg	1.9		0.3		26	
Total Metals										
Arsenic, Total	13	16	16	mg/kg	4.79		2.34	J	8.47	
Barium, Total	433	820	400	mg/kg	126		80.9		94.4	
Cadmium, Total	4	7.5	4.3	mg/kg	0.256	J	4.09	U	0.528	J
Chromium, Total				mg/kg	8.92		6.44		8.36	
Lead, Total	63	450	400	mg/kg	181		25.3		82.6	
Mercury, Total	0.18	0.73	0.81	mg/kg	0.16		0.044	J	0.049	J

Samples collected by CHA Consulting Inc. on May 20, 2024 and analyzed by Pace Analytical.
* Comparison is not performed on parameters with non-numeric criteria.
J - Samples detetcted at a low, estimated concentration.
U - Not detected at the reported detection limit for the sample.
NY-RESER: New York NYCRR Part 375 Ecological Resources Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs.
NY-RESGW: New York NYCRR Part 375 Groundwater Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs.
NY-RESRR: New York NYCRR Part 375 Restricted-Residential Criteria, New York Restricted use Criteria per 6 NYCRR Part 375 Environmental Remediation Programs.
Highlights exceed the lowest comparable standards of the three SCOs.

Table 2 – Groundwater Analytical Results

Table 2. Groundwater Sample Results
Detetctions Only
East Fayette St.,Almond St., and Washington St. Parcels, City of Syracuse, Onondaga County, New York

LOCATION			TMW-001		TMW-002		TRIP BLANKS	
SAMPLING DATE			5/20/2024		5/20/2024		5/17/2024	
SAMPLE TYPE			WATER		WATER		WATER	
	NY-AWQS	Units	Results		Results		Results	
Volatile Organics by GC/MS								
Acetone	50	ug/l	1.5	J	2.5	J	5	U
Chloroform	7	ug/l	1.6	J	2.5	U	2.5	U
Cyclohexane		ug/l	1.2	J	1.2	J	10	U
Methyl cyclohexane		ug/l	1.4	J	1.3	J	10	U
o-Xylene	5	ug/l	0.75	J	2.5	U	2.5	U
p/m-Xylene	5	ug/l	0.91	J	0.73	J	2.5	U
Tetrachloroethene	5	ug/l	2		0.5	U	0.5	U
Trichloroethene	5	ug/l	3.5		0.5	U	0.5	U
Semivolatile Organics by GC/MS								
Caprolactam		ug/l	10	U	11		-	-
Phenol	1	ug/l	2.7	J	1.9	J	-	-
Semivolatile Organics by GC/MS-SIM								
2-Methylnaphthalene		ug/l	0.05	J	0.1	U	-	-
Acenaphthene	20	ug/l	0.04	J	0.1	U	-	-
Fluoranthene	50	ug/l	0.05	J	0.1	U	-	-
Fluorene	50	ug/l	0.04	J	0.1	U	-	-
Naphthalene	10	ug/l	0.43	B	0.31	B	-	-
Pentachlorophenol	1	ug/l	0.8	U	0.8	U	-	-
Phenanthrene	50	ug/l	0.07	J	0.1	U	-	-
Pyrene	50	ug/l	0.1	U	0.1	U	-	-
Dissolved Metals								
Arsenic, Dissolved	25	ug/l	20.44		22.38		-	-
Barium, Dissolved	1000	ug/l	3656		8173		-	-
Cadmium, Dissolved	5	ug/l	1.15		2.88		-	-
Chromium, Dissolved	50	ug/l	202.6		406.2		-	-
Lead, Dissolved	25	ug/l	625.2		405.1		-	-
Mercury, Dissolved	0.7	ug/l	1.47		1.71		-	-
Selenium, Dissolved	10	ug/l	27.6		41.9		-	-
Silver, Dissolved	50	ug/l	2	U	1.07	J	-	-

Samples collected by CHA Consulting Inc. on May 20, 2024 and analyzed by Pace Analytical.
B - The analyte was detected above the reporting limit in the associated method blank.
U - Not detected at the reported detection limit for the sample.
J - Samples detected at a low, estimated concentration.
NY-AWQS: New York TOGS 111 Ambient Water Quality Standards criteria reflects all addendum to criteria through June 2004.

Table 3 – NYSDOH Decision Matrix Outcomes

Table 3. Air Sample Results
Detetctions Only
East Fayette ST., and Washington St Parcels, City of Syracuse, Onondaga County, New York

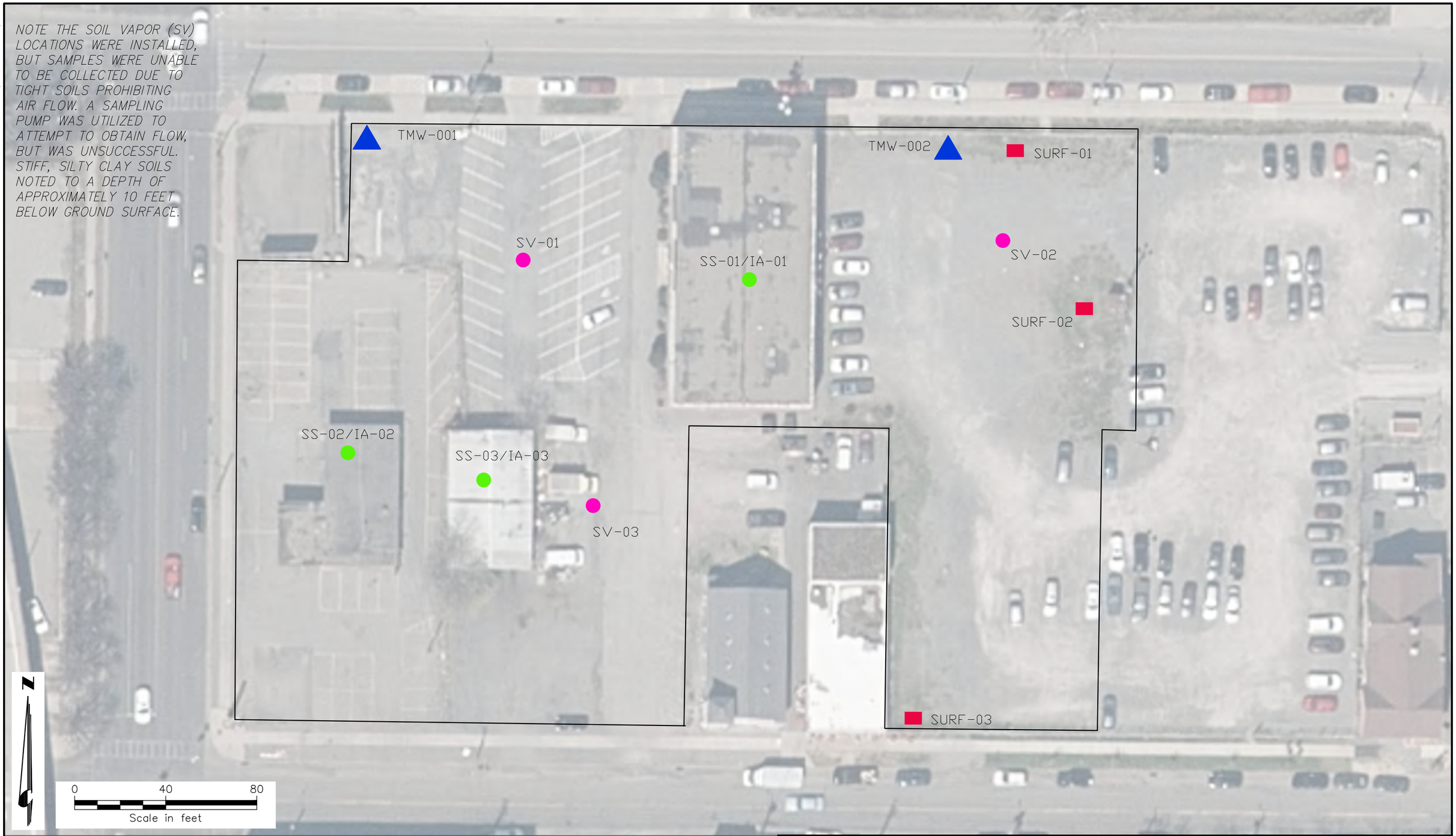
LOCATION		IA-01		SS-01		IA-02		SS-02		IA-03		SS-03	
SAMPLING DATE		5/21/2024		5/21/2024		5/21/2024		5/21/2024		5/21/2024		5/21/2024	
SAMPLE TYPE		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR		AIR		SOIL_VAPOR	
	Units	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual	Results	Qual
Volatile Organics in Air													
1,1-Dichloroethane	ug/m3	0.809	U	0.809	U	0.809	U	0.809	U	0.809	U	0.882	
1,2,4-Trimethylbenzene	ug/m3	0.983	U	3.54		5.11		10.2		61.9		5.8	
1,3,5-Trimethylbenzene	ug/m3	0.983	U	0.983	U	1.25		5.26		15.8		1.36	
1,4-Dichlorobenzene	ug/m3	1.2	U	1.2	U	1.2	U	1.2	U	130		2.57	
2,2,4-Trimethylpentane	ug/m3	0.934	U	1		8.97		78		37.1		4.44	
2-Butanone	ug/m3	3.33		6.69		2.8		4.13		9.5		10.1	
2-Hexanone	ug/m3	0.82	U	0.82	U	0.82	U	0.82	U	0.82	U	4.18	
4-Ethyltoluene	ug/m3	0.983	U	0.983	U	0.983		1.41		9.44		1.47	
4-Methyl-2-pentanone	ug/m3	2.05	U	2.05	U	4.59		2.05	U	3.45		2.05	U
Acetone	ug/m3	29.2		48.5		22.3		2.38	U	192		173	
Benzene	ug/m3	0.639	U	6.01		2.8		2.08		13.5		14.7	
Carbon disulfide	ug/m3	0.623	U	1.44		0.623	U	1.25		0.623	U	1.73	
Chloroform	ug/m3	0.977	U	0.977	U	0.977	U	0.977	U	0.977	U	2.04	
Chloromethane	ug/m3	1.27		0.413	U	1.27		0.413	U	1.25		0.413	U
Cyclohexane	ug/m3	0.688	U	3.96		1.3		5.54		16.6		7.78	
Dichlorodifluoromethane	ug/m3	2.33		2.32		2.38		2.43		2.41		2.4	
Ethanol	ug/m3	35		9.87		26.9		9.42	U	237		384	
Ethylbenzene	ug/m3	0.869	U	19.5		5.52		27.3		25.5		33.5	
Heptane	ug/m3	0.82	U	11.6		2.7		10.2		27		12.2	
Isopropanol	ug/m3	18.9		1.54		1.76		1.23	U	187		5.83	
Methylene chloride	ug/m3	1.74	U	1.74	U	1.74	U	3.82		1.74	U	2.82	
Naphthalene	ug/m3	3.23		1.05	U	1.05	U	1.05	U	6.61		1.05	U
n-Hexane	ug/m3	0.705	U	19.5		5.25		11.7		62.4		15.7	
o-Xylene	ug/m3	0.869	U	17.5		6.21		34.7		37.4		29.4	
p/m-Xylene	ug/m3	1.74	U	78.2		15.4		118		90.8		128	
Styrene	ug/m3	0.852	U	1.48		0.852	U	1.72		0.852	U	2.28	
Tertiary butyl Alcohol	ug/m3	1.52	U	1.52	U	1.52	U	1.52	U	1.52	U	2.17	
Tetrachloroethene	ug/m3	0.136	U	1.36	U	0.136	U	45.6		1.01		3.68	
Tetrahydrofuran	ug/m3	2.58		2.6		1.47	U	1.54		1.49		3.95	
Toluene	ug/m3	2.43		14.9		28.1		10.6		75.4		28.1	
Trichloroethene	ug/m3	0.167		2.29		0.107	U	2		1.9		1.07	U
Trichlorofluoromethane	ug/m3	13.7		12.7		1.14		1.24		1.74		1.33	
Volatile Organics in Air by SIM													
Carbon tetrachloride	ug/m3	0.421		-	-	0.434		-	-	0.503		-	-

Samples Collected by CHA Consulting and analyzed by Pace Anlytical
NYSDOH Decision Matrices (rev. 2024) Indicators:

No Further Action
Monitor
Mitigate
Identify Sources/Resample

Attachment A – Sample Location Map

NOTE THE SOIL VAPOR (SV) LOCATIONS WERE INSTALLED, BUT SAMPLES WERE UNABLE TO BE COLLECTED DUE TO TIGHT SOILS PROHIBITING AIR FLOW. A SAMPLING PUMP WAS UTILIZED TO ATTEMPT TO OBTAIN FLOW, BUT WAS UNSUCCESSFUL. STIFF, SILTY CLAY SOILS NOTED TO A DEPTH OF APPROXIMATELY 10 FEET BELOW GROUND SURFACE.



INDOOR AIR/SUB-SLAB VAPOR SAMPLE

SOIL VAPOR SAMPLE

TEMPORARY GROUNDWATER MONITORING WELL

SURFACE SOIL SAMPLE

CHA
One Park Place, 300 South State Street, Suite 600
Syracuse, NY 13202
315.471.3920 . www.chasolutions.com

SAMPLE LOCATION MAP

701-705 EAST FAYETTE STREET
SYRACUSE, NEW YORK 13202

PROJECT NO. 086328

DATE: 06/2024

ATTACHMENT A

Attachment B – Surface Soil Field Logs

CHA	**Surficial Soil Sampling Log**	**Sample Designation:** Surf-01
Project Name: East Fayette Street Additional Investigation		Logged By: AH
Project Location: Syracuse, NY		Date: 5-20-24
Project Number: 086328		

Sampling Information:

Sampling Method: hand Auger Sampling Depth: 6"

Sampling Time: 1600 Sampling Type: Soil

Sample Analyses: Total Solids, RCRA 8 Metals, SVOCs No. of Bottles: 3

Adjacent Land Use: % Woodland _____ %Wetland _____ % Farmland _____ % Comm/Ind. X % Res. _____

Downtown Syracuse

Soil Substrate: % Gravel X % Sand _____ % Silt/Clay _____ % Organic Material _____

Soil Color: Gray/brown Moisture Content: Dry

Comments: Silty clay with gravel

CHA	**Surficial Soil Sampling Log**	**Sample Designation:** Surf-02
Project Name: East Fayette Street Additional Investigation		Logged By: AH
Project Location: Syracuse, NY		Date: 5-20-24
Project Number: 086328		

Sampling Information:

Sampling Method: Hand Auger — Sampling Depth: 6"

Sampling Time: 16:20 — Sampling Type: Soil

Sample Analyses: Total Solids, RCRA 8 Metals, SVOCs — No. of Bottles: 3

Adjacent Land Use: % Woodland _____ %Wetland _____ % Farmland _____ % Comm/Ind. X % Res. _____

Downtown Syracuse

Soil Substrate: % Gravel X % Sand _____ % Silt/Clay _____ % Organic Material _____

Soil Color: Gray/Brown — Moisture Content: Dry

Comments: Silty clay with gravel

CHA	**Surficial Soil Sampling Log**	**Sample Designation:** Surf-03
Project Name: East Fayette Street Additional Investigation		Logged By: AH
Project Location: Syracuse, NY		Date: 5-20-24
Project Number: 086328		

Sampling Information:

Sampling Method: hand Auger — Sampling Depth: 6"

Sampling Time: 1635 — Sampling Type: Soil

Sample Analyses: Total solids, RCRA 8 metals, SVOCs — No. of Bottles: 3

Adjacent Land Use: % Woodland _____ %Wetland _____ % Farmland _____ % Comm/Ind. X % Res. _____ Downtown Syracuse

Soil Substrate: % Gravel X % Sand _____ % Silt/Clay _____ % Organic Material _____

Soil Color: gray/brown — Moisture Content: Dry

Comments: Silty clay with gravel

Attachment C – Subsurface Soil Boring Field Logs

CHA

PROBE LOG

BORING NO. SB-008

PROJECT & LOCATION:

CLIENT: Geiger

CONTRACTOR: NW contracting

PROJECT NO.:

SHEET NO.: 1 OF

GROUNDWATER MEASUREMENT						CASING	SAMPLER
DATE	TIME	DEPTH TO (FT.): WATER	BOTTOM OF CASING	BOTTOM OF BORING	TYPE:		
					SIZE I.D.:		
					SYSTEM TYPE:	☐ SINGLE ROD	☐ DOUBLE TUBE
					MONITORING WELL: ☐ YES ☐ NO	☐ TEMPORARY	☐ PERMANENT
					CHECKED BY:		
IF BORING IS DRY, CHECK HERE: ☐					DATE:		

ELEVATION:

START DATE: 5/20/24 TIME: 1035

FINISH DATE: TIME: 1048

RIG TYPE/MODEL: 6610DT

DRILLER: Vince S.

INSPECTOR: AH

DEPTH IN FEET	SAMPLE NO.	RECOVERY LENGTH	PID READING (PPM)	BORING HEADSPACE (PPM)	NOTES (Evidence of Contamination)	FIELD CLASSIFICATION
0	1	1.2/5	0		NEC	1.2' Crushed Stone
5	2	3.7/5	0		NEC	1.5' silty clay, med stiff, moist, brown 2.2' SAA but wet
10	3	3.3/5	0		NEC	1.3' SAA but saturated 2' FMC sand, some F.C. gravel brown, moist.
15	4	2.9/5	0		NEC	2.9' SAA but wet
20						TMW-001

Soil Gas Reading: _____%

Depth: _____ feet bgs

Soil Sample Collected: ☐ Yes ☒ No

Time: ____ Depth: ____ to ____

Water Sample Collected: ☒ Yes ☐ No 10' Screen

Time: 1500 Screen Interval: ____

BORING NO. SB-008

25'-15'

Sample #	Recovery	PID	Ev. of Cont.	Classification
5	1.4' 5	0	NEC	1.4' F.C gravel, some F M C sand, brown, ~~wet~~ Saturated

gw @ 24'

PROBE LOG

BORING NO. SB-009

PROJECT & LOCATION:

CLIENT: Geiger

CONTRACTOR: NW Contracting

PROJECT NO.:

SHEET NO.: 1 OF

GROUNDWATER MEASUREMENT						CASING	SAMPLER
DATE	TIME	DEPTH TO (FT.): WATER	BOTTOM OF CASING	BOTTOM OF BORING	TYPE:		
					SIZE I.D.:		
					SYSTEM TYPE:	☐SINGLE ROD	☐DOUBLE TUBE
					MONITORING WELL: ☐ YES ☐ NO	☐TEMPORARY	☐PERMANENT
					CHECKED BY:		
IF BORING IS DRY, CHECK HERE: ☐					DATE:		

ELEVATION:

START DATE: 5/20/24 TIME: 1100

FINISH DATE: TIME: 1121

RIG TYPE/MODEL: 6610 DT

DRILLER: Vince S

INSPECTOR: AH

DEPTH IN FEET	SAMPLE NO.	RECOVERY LENGTH	PID READING (PPM)	BORING HEADSPACE (PPM)	NOTES (Evidence of Contamination)	FIELD CLASSIFICATION
0	1	1.3/5	0		NEC	.6' Crushed stone .7' silty clay, med stiff, brown moist
5	2	.6/5	0		NEC	.6' SAA
10	3	2.8/5	0			1.1' silty clay, soft, brown, moist. 1.7' F, m. Sand, little silty clay med compact, brown, moist
15	4	3.4/5	0			1.8' F.M. Sand, loose, moist brown 1.6' SAA but saturated GW @ 19' bgs
20						

Soil Gas Reading: _____%

Depth: _____ feet bgs

Soil Sample Collected: ☐ Yes ☒ No

Time: ____ Depth: ____ to ____

Water Sample Collected: TMW-002 ☒ Yes ☐ No

Time: 1540 Screen Interval: 10'

BORING NO. SB-009

V:\OH_Data\Technical Groups\EnvPlanning\Technical Info\SOPs\Final SOPs\Forms\Boring Logs\Probe_Log.doc

DTW = 17.39

25'-15'

Sample #	Recovery	PID	Classification
5	3.9/5	0	3.9' F. sand, loose, brown, saturated

Attachment D – Air Sample Field Logs

SUMMA Canister Sampling Log

Sample Designation: IA-01

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: IA-01

Sample Location: Woodbine bldg

SUMMA Canister Serial No. : 538

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 01885

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -29.0

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5-21-24

Start Time: 7:38

Finish Time: 15:41

Initial Vacuum: -29.40

Ending Vacuum: -5.11

Sampling Information:

Sample Type: IA

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15 / TO-15 SIM

Comments:

12:13 check in IA- -15.77

SS- -15.85

SUMMA Canister Sampling Log

Sample Designation: Woodbine Bldg SS-01

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: SS-01

Sample Location: Woodbine Bldg

SUMMA Canister Serial No. : 557

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 6846

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -29.1

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5-21-24

Start Time: 7:40

Finish Time: 13:46

Initial Vacuum: -29.82

Ending Vacuum: -5.06

Sampling Information:

Sample Type: SS

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15 / TO-15 SIM

Comments:

Helium test = 125 ppm max reading over 15 minutes

SUMMA Canister Sampling Log

Sample Designation: IA-02

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: IA-02

Sample Location: Gas Station Garage

SUMMA Canister Serial No. : 449

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 01487

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -28.9

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5-21-24

Start Time: 7:57

Finish Time: 15:13

Initial Vacuum: -29.60

Ending Vacuum: -5.08

Sampling Information:

Sample Type: IA

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15/TO-15 SIM

Comments:

12:16 checkin IA --15.14

SS- -16.25

SUMMA Canister Sampling Log

GAS STATION SS-02

Sample Designation: GARAGE

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: SS-02

Sample Location: Gas station Garage

SUMMA Canister Serial No. : 466

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 01419

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -28.9

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5-21-24

Start Time: 7:54

Finish Time: 15:56

Initial Vacuum: -29.40

Ending Vacuum: -5.23

Sampling Information:

Sample Type: SS

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15/ TO-15 SIM

Comments:

Helium test - 125 ppm max over 15 minutes

SUMMA Canister Sampling Log

Sample Designation: IA-03

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: IA-03

Sample Location: Car wash

SUMMA Canister Serial No. : 2737

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 0246

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -28.9

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5.21-24

Start Time: 8:06

Finish Time: 16:08

Initial Vacuum: ~29.13

Ending Vacuum: -4.89

Sampling Information:

Sample Type: IA

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15/TO-15 SIM

Comments:

SUMMA Canister Sampling Log

Sample Designation: SS-03

Project Name: East Fayette Additional Investigation

Logged By: AH

Project Location: Syracuse, NY

Date: 5-21-24

Project Number: 086328

SUMMA Canister Information:

Sample ID: SS-03

Sample Location: Car wash

SUMMA Canister Serial No. : 4396

Regulator Calibration Period: 5-15-24

Regulator Serial No. : 0875

Regulator Calibrated By: PACE

Laboratory Recorded Vacuum: -28.6

Date: _____ Time: _____

Start Date: 5-21-24

Finish Date: 5-21-24

Start Time: 8:10

Finish Time: 16:12

Initial Vacuum: -28.13

Ending Vacuum: -5.02

Sampling Information:

Sample Type: SS

Sample Ship Date: 5-21-24

Sampled by: AH

No. of Containers: 1

Sample Analyses: TO-15/TO-15/SIM

Comments:

Doors are locked until lawrence comes back

Helium test = 150 ppm max reading over 10 minutes

Attachment E – Laboratory Analytical Results

ANALYTICAL REPORT

Lab Number:	L2427966
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	701-705 EAST FAYETTE ST.
Project Number:	086328
Report Date:	05/30/24

Certifications & Approvals: MA (M-MA086), NH NELAP (2064), CT (PH-0826), IL (200077), IN (C-MA-03), KY (KY98045), ME (MA00086), MD (348), NJ (MA935), NY (11148), NC (25700/666), OR (MA-1316), PA (68-03671), RI (LAO00065), TX (T104704476), VT (VT-0935), VA (460195), USDA (Permit #525-23-122-91930A1).

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2427966-01	TMW-001	WATER	SYRACUSE, NY	05/20/24 15:06	05/20/24
L2427966-02	TMW-002	WATER	SYRACUSE, NY	05/20/24 15:40	05/20/24
L2427966-03	SURF-001	SOIL	SYRACUSE, NY	05/20/24 16:00	05/20/24
L2427966-04	SURF-002	SOIL	SYRACUSE, NY	05/20/24 16:20	05/20/24
L2427966-05	SURF-003	SOIL	SYRACUSE, NY	05/20/24 16:35	05/20/24
L2427966-06	TRIP BLANKS	WATER	SYRACUSE, NY	05/17/24 00:00	05/20/24

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

Case Narrative

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

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

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

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

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

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

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

Case Narrative (continued)

Report Submission

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

Sample Receipt

L2427966-02: The sample was received above the appropriate pH for the Dissolved Metals analysis. The laboratory added additional HNO3 to a pH <2.

Volatile Organics

L2427966-01 and -02: The pH was greater than two; however, the sample was analyzed within the method required holding time.

Semivolatile Organics

L2427966-05D: The sample has elevated detection limits due to the dilution required by the sample matrix.

Semivolatile Organics by SIM

The WG1924661-1 Method Blank, associated with L2427966-01, has concentrations above the reporting limits for Naphthalene. The sample was re-extracted with the method required holding time exceeded and the method blank was non-detect for this target compound. The results of both extractions are reported. The original sample result is reported with a "B" qualifier.

Dissolved Metals

L2427966-01 and -02: The sample has elevated detection limits for all elements, with the exception of mercury, due to the prep dilution required by the sample matrix.

Total Metals

L2427966-03 through -05: The sample has elevated detection limits for all elements, with the exception of mercury, due to the dilution required by the sample matrix.

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: Ashaley Moynihan

Title: Technical Director/Representative Date: 05/30/24

ORGANICS

VOLATILES

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01
Client ID: TMW-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:06
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/23/24 13:02
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	1.6	J	ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	2.0		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	3.5		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 Date Collected: 05/20/24 15:06

Client ID: TMW-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.91	J	ug/l	2.5	0.70	1
o-Xylene	0.75	J	ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	1.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.4	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	108		70-130
Dibromofluoromethane	100		70-130

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 Date Collected: 05/20/24 15:40
Client ID: TMW-002 Date Received: 05/20/24
Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/23/24 13:26
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 Date Collected: 05/20/24 15:40

Client ID: TMW-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	0.73	J	ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	2.5	J	ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	1.2	J	ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	1.3	J	ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	109		70-130
Dibromofluoromethane	99		70-130

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-06
Client ID: TRIP BLANKS
Sample Location: SYRACUSE, NY

Date Collected: 05/17/24 00:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Water
Analytical Method: 1,8260D
Analytical Date: 05/23/24 13:50
Analyst: MAG

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.14	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.07	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.17	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-06 Date Collected: 05/17/24 00:00

Client ID: TRIP BLANKS Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.17	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl Acetate	ND		ug/l	2.0	0.23	1
Cyclohexane	ND		ug/l	10	0.27	1
1,4-Dioxane	ND		ug/l	250	61.	1
Freon-113	ND		ug/l	2.5	0.70	1
Methyl cyclohexane	ND		ug/l	10	0.40	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	104		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 09:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1925785-5					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.14
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.17
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.07
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.17
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 09:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1925785-5					
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.17
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Bromochloromethane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Cyclohexane	ND		ug/l	10	0.27
1,4-Dioxane	ND		ug/l	250	61.
Freon-113	ND		ug/l	2.5	0.70
Methyl cyclohexane	ND		ug/l	10	0.40

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260D
Analytical Date: 05/23/24 09:02
Analyst: PID

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 01-02,06 Batch: WG1925785-5					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	99		70-130
Toluene-d8	104		70-130
4-Bromofluorobenzene	110		70-130
Dibromofluoromethane	99		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1925785-3 WG1925785-4								
Methylene chloride	100		110		70-130	10		20
1,1-Dichloroethane	100		110		70-130	10		20
Chloroform	100		100		70-130	0		20
Carbon tetrachloride	100		99		63-132	1		20
1,2-Dichloropropane	110		110		70-130	0		20
Dibromochloromethane	94		100		63-130	6		20
1,1,2-Trichloroethane	97		110		70-130	13		20
Tetrachloroethene	110		110		70-130	0		20
Chlorobenzene	100		110		75-130	10		20
Trichlorofluoromethane	98		91		62-150	7		20
1,2-Dichloroethane	99		100		70-130	1		20
1,1,1-Trichloroethane	100		100		67-130	0		20
Bromodichloromethane	97		100		67-130	3		20
trans-1,3-Dichloropropene	100		110		70-130	10		20
cis-1,3-Dichloropropene	96		100		70-130	4		20
Bromoform	83		91		54-136	9		20
1,1,2,2-Tetrachloroethane	110		120		67-130	9		20
Benzene	100		110		70-130	10		20
Toluene	100		110		70-130	10		20
Ethylbenzene	100		110		70-130	10		20
Chloromethane	100		100		64-130	0		20
Bromomethane	64		68		39-139	6		20
Vinyl chloride	110		100		55-140	10		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1925785-3 WG1925785-4								
Chloroethane	110		110		55-138	0		20
1,1-Dichloroethene	100		100		61-145	0		20
trans-1,2-Dichloroethene	100		100		70-130	0		20
Trichloroethene	96		94		70-130	2		20
1,2-Dichlorobenzene	100		110		70-130	10		20
1,3-Dichlorobenzene	100		110		70-130	10		20
1,4-Dichlorobenzene	100		110		70-130	10		20
Methyl tert butyl ether	88		98		63-130	11		20
p/m-Xylene	95		100		70-130	5		20
o-Xylene	90		95		70-130	5		20
cis-1,2-Dichloroethene	98		100		70-130	2		20
Styrene	95		105		70-130	10		20
Dichlorodifluoromethane	96		90		36-147	6		20
Acetone	81		92		58-148	13		20
Carbon disulfide	100		100		51-130	0		20
2-Butanone	88		100		63-138	13		20
4-Methyl-2-pentanone	89		100		59-130	12		20
2-Hexanone	89		110		57-130	**21**	Q	20
Bromochloromethane	98		100		70-130	2		20
1,2-Dibromoethane	95		110		70-130	15		20
1,2-Dibromo-3-chloropropane	80		89		41-144	11		20
Isopropylbenzene	100		100		70-130	0		20
1,2,3-Trichlorobenzene	82		97		70-130	17		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02,06 Batch: WG1925785-3 WG1925785-4								
1,2,4-Trichlorobenzene	90		100		70-130	11		20
Methyl Acetate	91		91		70-130	0		20
Cyclohexane	100		96		70-130	4		20
1,4-Dioxane	80		94		56-162	16		20
Freon-113	100		92		70-130	8		20
Methyl cyclohexane	100		91		70-130	9		20

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	102		103		70-130
Toluene-d8	105		106		70-130
4-Bromofluorobenzene	108		108		70-130
Dibromofluoromethane	96		97		70-130

SEMIVOLATILES

Project Name: 701-705 EAST FAYETTE ST.
Lab Number: L2427966
Project Number: 086328
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01
Client ID: TMW-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:06
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/24/24 05:07
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 Date Collected: 05/20/24 15:06

Client ID: TMW-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	2.7	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	ND		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**10**	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	64		23-120
2-Fluorobiphenyl	74		15-120
2,4,6-Tribromophenol	25		10-120
4-Terphenyl-d14	91		41-149

Project Name: 701-705 EAST FAYETTE ST.
Lab Number: L2427966
Project Number: 086328
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01
Client ID: TMW-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:06
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/24/24 18:35
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	0.04	J	ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.43	B	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	0.04	J	ug/l	0.10	0.03	1
Phenanthrene	0.07	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	0.05	J	ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 Date Collected: 05/20/24 15:06

Client ID: TMW-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor

Semivolatile Organics by GC/MS-SIM - Westborough Lab

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**10**	Q	21-120
Phenol-d6	18		10-120
Nitrobenzene-d5	84		23-120
2-Fluorobiphenyl	67		15-120
2,4,6-Tribromophenol	21		10-120
4-Terphenyl-d14	77		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 RE
Client ID: TMW-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:06
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 09:22
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 16:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	0.05	J	ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.06	J	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	0.06	J	ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	0.04	J	ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 RE
Client ID: TMW-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:06
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**15**	Q	21-120
Phenol-d6	17		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	66		15-120
2,4,6-Tribromophenol	33		10-120
4-Terphenyl-d14	85		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02
Client ID: TMW-002
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:40
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E
Analytical Date: 05/25/24 11:49
Analyst: MRG

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39	1
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8	1
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54	1
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84	1
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39	1
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24	1
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40	1
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84	1
Hexachlorocyclopentadiene	ND		ug/l	20	1.2	1
Isophorone	ND		ug/l	5.0	0.86	1
Nitrobenzene	ND		ug/l	2.0	0.20	1
NDPA/DPA	ND		ug/l	2.0	0.92	1
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91	1
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4	1
Butyl benzyl phthalate	ND		ug/l	5.0	2.6	1
Di-n-butylphthalate	ND		ug/l	5.0	0.96	1
Di-n-octylphthalate	ND		ug/l	5.0	2.3	1
Diethyl phthalate	ND		ug/l	5.0	0.76	1
Dimethyl phthalate	ND		ug/l	5.0	0.92	1
Biphenyl	ND		ug/l	2.0	0.20	1
4-Chloroaniline	ND		ug/l	5.0	0.47	1
2-Nitroaniline	ND		ug/l	5.0	1.0	1
3-Nitroaniline	ND		ug/l	5.0	1.2	1
4-Nitroaniline	ND		ug/l	5.0	1.4	1
Dibenzofuran	ND		ug/l	2.0	0.40	1
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24	1
Acetophenone	ND		ug/l	5.0	0.92	1
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 Date Collected: 05/20/24 15:40

Client ID: TMW-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
p-Chloro-m-cresol	ND		ug/l	2.0	0.61	1
2-Chlorophenol	ND		ug/l	2.0	0.65	1
2,4-Dichlorophenol	ND		ug/l	5.0	1.7	1
2,4-Dimethylphenol	ND		ug/l	5.0	2.0	1
2-Nitrophenol	ND		ug/l	10	2.0	1
4-Nitrophenol	ND		ug/l	10	1.4	1
2,4-Dinitrophenol	ND		ug/l	20	5.4	1
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3	1
Phenol	1.9	J	ug/l	5.0	0.35	1
2-Methylphenol	ND		ug/l	5.0	2.3	1
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4	1
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1	1
Carbazole	ND		ug/l	2.0	0.31	1
Atrazine	ND		ug/l	10	1.0	1
Benzaldehyde	ND		ug/l	5.0	1.1	1
Caprolactam	11.		ug/l	10	1.2	1
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	31		21-120
Phenol-d6	26		10-120
Nitrobenzene-d5	58		23-120
2-Fluorobiphenyl	57		15-120
2,4,6-Tribromophenol	42		10-120
4-Terphenyl-d14	69		41-149

Project Name: 701-705 EAST FAYETTE ST.
Lab Number: L2427966
Project Number: 086328
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02
Client ID: TMW-002
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:40
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/24/24 18:52
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	0.31	B	ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	ND		ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 Date Collected: 05/20/24 15:40

Client ID: TMW-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	33		21-120
Phenol-d6	31		10-120
Nitrobenzene-d5	80		23-120
2-Fluorobiphenyl	63		15-120
2,4,6-Tribromophenol	55		10-120
4-Terphenyl-d14	73		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 RE
Client ID: TMW-002
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:40
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:
Matrix: Water
Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 09:38
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 16:10

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						
Acenaphthene	ND		ug/l	0.10	0.02	1
2-Chloronaphthalene	ND		ug/l	0.20	0.02	1
Fluoranthene	ND		ug/l	0.10	0.03	1
Hexachlorobutadiene	ND		ug/l	0.50	0.02	1
Naphthalene	ND		ug/l	0.10	0.02	1
Benzo(a)anthracene	ND		ug/l	0.10	0.03	1
Benzo(a)pyrene	ND		ug/l	0.10	0.02	1
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03	1
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03	1
Chrysene	ND		ug/l	0.10	0.03	1
Acenaphthylene	ND		ug/l	0.10	0.02	1
Anthracene	ND		ug/l	0.10	0.02	1
Benzo(ghi)perylene	ND		ug/l	0.10	0.02	1
Fluorene	ND		ug/l	0.10	0.03	1
Phenanthrene	ND		ug/l	0.10	0.04	1
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02	1
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02	1
Pyrene	ND		ug/l	0.10	0.04	1
2-Methylnaphthalene	ND		ug/l	0.10	0.03	1
Pentachlorophenol	0.08	J	ug/l	0.80	0.06	1
Hexachlorobenzene	ND		ug/l	0.80	0.01	1
Hexachloroethane	ND		ug/l	0.80	0.02	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 RE
Client ID: TMW-002
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 15:40
Date Received: 05/20/24
Field Prep: Refer to COC

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS-SIM - Westborough Lab						

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	**18**	Q	21-120
Phenol-d6	19		10-120
Nitrobenzene-d5	70		23-120
2-Fluorobiphenyl	56		15-120
2,4,6-Tribromophenol	37		10-120
4-Terphenyl-d14	73		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-03
Client ID: SURF-001
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 16:00
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 14:46
Analyst: EK
Percent Solids: 87%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	65	J	ug/kg	150	19.	1
Hexachlorobenzene	ND		ug/kg	110	21.	1
Bis(2-chloroethyl)ether	ND		ug/kg	170	25.	1
2-Chloronaphthalene	ND		ug/kg	190	19.	1
3,3'-Dichlorobenzidine	ND		ug/kg	190	50.	1
2,4-Dinitrotoluene	ND		ug/kg	190	38.	1
2,6-Dinitrotoluene	ND		ug/kg	190	32.	1
Fluoranthene	2200		ug/kg	110	22.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	190	20.	1
4-Bromophenyl phenyl ether	ND		ug/kg	190	29.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	220	32.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	200	19.	1
Hexachlorobutadiene	ND		ug/kg	190	27.	1
Hexachlorocyclopentadiene	ND		ug/kg	540	170	1
Hexachloroethane	ND		ug/kg	150	30.	1
Isophorone	ND		ug/kg	170	24.	1
Naphthalene	43	J	ug/kg	190	23.	1
Nitrobenzene	ND		ug/kg	170	28.	1
NDPA/DPA	ND		ug/kg	150	21.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	190	29.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	190	65.	1
Butyl benzyl phthalate	ND		ug/kg	190	47.	1
Di-n-butylphthalate	ND		ug/kg	190	36.	1
Di-n-octylphthalate	ND		ug/kg	190	64.	1
Diethyl phthalate	ND		ug/kg	190	17.	1
Dimethyl phthalate	ND		ug/kg	190	39.	1
Benzo(a)anthracene	1200		ug/kg	110	21.	1
Benzo(a)pyrene	1600		ug/kg	150	46.	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-03 Date Collected: 05/20/24 16:00

Client ID: SURF-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Benzo(b)fluoranthene	2000		ug/kg	110	32.	1
Benzo(k)fluoranthene	750		ug/kg	110	30.	1
Chrysene	1300		ug/kg	110	20.	1
Acenaphthylene	57	J	ug/kg	150	29.	1
Anthracene	240		ug/kg	110	36.	1
Benzo(ghi)perylene	970		ug/kg	150	22.	1
Fluorene	58	J	ug/kg	190	18.	1
Phenanthrene	860		ug/kg	110	23.	1
Dibenzo(a,h)anthracene	250		ug/kg	110	22.	1
Indeno(1,2,3-cd)pyrene	990		ug/kg	150	26.	1
Pyrene	1900		ug/kg	110	19.	1
Biphenyl	ND		ug/kg	430	24.	1
4-Chloroaniline	ND		ug/kg	190	34.	1
2-Nitroaniline	ND		ug/kg	190	36.	1
3-Nitroaniline	ND		ug/kg	190	35.	1
4-Nitroaniline	ND		ug/kg	190	78.	1
Dibenzofuran	35	J	ug/kg	190	18.	1
2-Methylnaphthalene	24	J	ug/kg	220	23.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	190	20.	1
Acetophenone	ND		ug/kg	190	23.	1
2,4,6-Trichlorophenol	ND		ug/kg	110	36.	1
p-Chloro-m-cresol	ND		ug/kg	190	28.	1
2-Chlorophenol	ND		ug/kg	190	22.	1
2,4-Dichlorophenol	ND		ug/kg	170	30.	1
2,4-Dimethylphenol	ND		ug/kg	190	62.	1
2-Nitrophenol	ND		ug/kg	400	70.	1
4-Nitrophenol	ND		ug/kg	260	76.	1
2,4-Dinitrophenol	ND		ug/kg	900	87.	1
4,6-Dinitro-o-cresol	ND		ug/kg	490	90.	1
Pentachlorophenol	ND		ug/kg	150	41.	1
Phenol	ND		ug/kg	190	28.	1
2-Methylphenol	ND		ug/kg	190	29.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	270	29.	1
2,4,5-Trichlorophenol	ND		ug/kg	190	36.	1
Carbazole	120	J	ug/kg	190	18.	1
Atrazine	ND		ug/kg	150	66.	1
Benzaldehyde	ND		ug/kg	250	51.	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-03 Date Collected: 05/20/24 16:00

Client ID: SURF-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Caprolactam	ND		ug/kg	190	57.	1
2,3,4,6-Tetrachlorophenol	ND		ug/kg	190	38.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	80		25-120
Phenol-d6	80		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	74		30-120
2,4,6-Tribromophenol	68		10-136
4-Terphenyl-d14	61		18-120

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-04
Client ID: SURF-002
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 16:20
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/25/24 15:09
Analyst: EK
Percent Solids: 95%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	ND		ug/kg	140	18.	1
1,2,4-Trichlorobenzene	ND		ug/kg	170	20.	1
Hexachlorobenzene	ND		ug/kg	100	19.	1
Bis(2-chloroethyl)ether	ND		ug/kg	150	23.	1
2-Chloronaphthalene	ND		ug/kg	170	17.	1
1,2-Dichlorobenzene	ND		ug/kg	170	31.	1
1,3-Dichlorobenzene	ND		ug/kg	170	29.	1
1,4-Dichlorobenzene	ND		ug/kg	170	30.	1
3,3'-Dichlorobenzidine	ND		ug/kg	170	46.	1
2,4-Dinitrotoluene	ND		ug/kg	170	34.	1
2,6-Dinitrotoluene	ND		ug/kg	170	29.	1
Fluoranthene	340		ug/kg	100	20.	1
4-Chlorophenyl phenyl ether	ND		ug/kg	170	18.	1
4-Bromophenyl phenyl ether	ND		ug/kg	170	26.	1
Bis(2-chloroisopropyl)ether	ND		ug/kg	200	29.	1
Bis(2-chloroethoxy)methane	ND		ug/kg	180	17.	1
Hexachlorobutadiene	ND		ug/kg	170	25.	1
Hexachlorocyclopentadiene	ND		ug/kg	490	150	1
Hexachloroethane	ND		ug/kg	140	28.	1
Isophorone	ND		ug/kg	150	22.	1
Naphthalene	ND		ug/kg	170	21.	1
Nitrobenzene	ND		ug/kg	150	25.	1
NDPA/DPA	ND		ug/kg	140	19.	1
n-Nitrosodi-n-propylamine	ND		ug/kg	170	26.	1
Bis(2-ethylhexyl)phthalate	ND		ug/kg	170	59.	1
Butyl benzyl phthalate	ND		ug/kg	170	43.	1
Di-n-butylphthalate	ND		ug/kg	170	32.	1
Di-n-octylphthalate	ND		ug/kg	170	58.	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-04 Date Collected: 05/20/24 16:20

Client ID: SURF-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	170	16.	1
Dimethyl phthalate	ND		ug/kg	170	36.	1
Benzo(a)anthracene	200		ug/kg	100	19.	1
Benzo(a)pyrene	230		ug/kg	140	42.	1
Benzo(b)fluoranthene	330		ug/kg	100	29.	1
Benzo(k)fluoranthene	110		ug/kg	100	27.	1
Chrysene	230		ug/kg	100	18.	1
Acenaphthylene	ND		ug/kg	140	26.	1
Anthracene	34	J	ug/kg	100	33.	1
Benzo(ghi)perylene	180		ug/kg	140	20.	1
Fluorene	ND		ug/kg	170	17.	1
Phenanthrene	130		ug/kg	100	21.	1
Dibenzo(a,h)anthracene	41	J	ug/kg	100	20.	1
Indeno(1,2,3-cd)pyrene	160		ug/kg	140	24.	1
Pyrene	300		ug/kg	100	17.	1
Biphenyl	ND		ug/kg	390	22.	1
4-Chloroaniline	ND		ug/kg	170	31.	1
2-Nitroaniline	ND		ug/kg	170	33.	1
3-Nitroaniline	ND		ug/kg	170	32.	1
4-Nitroaniline	ND		ug/kg	170	71.	1
Dibenzofuran	ND		ug/kg	170	16.	1
2-Methylnaphthalene	ND		ug/kg	200	21.	1
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	170	18.	1
Acetophenone	ND		ug/kg	170	21.	1
2,4,6-Trichlorophenol	ND		ug/kg	100	32.	1
p-Chloro-m-cresol	ND		ug/kg	170	25.	1
2-Chlorophenol	ND		ug/kg	170	20.	1
2,4-Dichlorophenol	ND		ug/kg	150	28.	1
2,4-Dimethylphenol	ND		ug/kg	170	56.	1
2-Nitrophenol	ND		ug/kg	370	64.	1
4-Nitrophenol	ND		ug/kg	240	70.	1
2,4-Dinitrophenol	ND		ug/kg	820	80.	1
4,6-Dinitro-o-cresol	ND		ug/kg	440	82.	1
Pentachlorophenol	ND		ug/kg	140	38.	1
Phenol	ND		ug/kg	170	26.	1
2-Methylphenol	ND		ug/kg	170	26.	1
3-Methylphenol/4-Methylphenol	ND		ug/kg	250	27.	1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-04 Date Collected: 05/20/24 16:20

Client ID: SURF-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	170	33.	1
Benzoic Acid	ND		ug/kg	550	170	1
Benzyl Alcohol	ND		ug/kg	170	52.	1
Carbazole	22	J	ug/kg	170	17.	1
1,4-Dioxane	ND		ug/kg	26	7.9	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	83		25-120
Phenol-d6	84		10-120
Nitrobenzene-d5	86		23-120
2-Fluorobiphenyl	69		30-120
2,4,6-Tribromophenol	67		10-136
4-Terphenyl-d14	54		18-120

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-05 D
Client ID: SURF-003
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 16:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil
Analytical Method: 1,8270E
Analytical Date: 05/26/24 21:59
Analyst: SZ
Percent Solids: 92%

Extraction Method: EPA 3546
Extraction Date: 05/23/24 19:13

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Acenaphthene	2100		ug/kg	1400	190	10
1,2,4-Trichlorobenzene	ND		ug/kg	1800	200	10
Hexachlorobenzene	ND		ug/kg	1100	200	10
Bis(2-chloroethyl)ether	ND		ug/kg	1600	240	10
2-Chloronaphthalene	ND		ug/kg	1800	180	10
1,2-Dichlorobenzene	ND		ug/kg	1800	320	10
1,3-Dichlorobenzene	ND		ug/kg	1800	310	10
1,4-Dichlorobenzene	ND		ug/kg	1800	310	10
3,3'-Dichlorobenzidine	ND		ug/kg	1800	480	10
2,4-Dinitrotoluene	ND		ug/kg	1800	360	10
2,6-Dinitrotoluene	ND		ug/kg	1800	310	10
Fluoranthene	31000		ug/kg	1100	210	10
4-Chlorophenyl phenyl ether	ND		ug/kg	1800	190	10
4-Bromophenyl phenyl ether	ND		ug/kg	1800	270	10
Bis(2-chloroisopropyl)ether	ND		ug/kg	2200	310	10
Bis(2-chloroethoxy)methane	ND		ug/kg	1900	180	10
Hexachlorobutadiene	ND		ug/kg	1800	260	10
Hexachlorocyclopentadiene	ND		ug/kg	5100	1600	10
Hexachloroethane	ND		ug/kg	1400	290	10
Isophorone	ND		ug/kg	1600	230	10
Naphthalene	ND		ug/kg	1800	220	10
Nitrobenzene	ND		ug/kg	1600	260	10
NDPA/DPA	ND		ug/kg	1400	200	10
n-Nitrosodi-n-propylamine	ND		ug/kg	1800	280	10
Bis(2-ethylhexyl)phthalate	ND		ug/kg	1800	620	10
Butyl benzyl phthalate	ND		ug/kg	1800	450	10
Di-n-butylphthalate	ND		ug/kg	1800	340	10
Di-n-octylphthalate	ND		ug/kg	1800	610	10

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-05 D
Client ID: SURF-003
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 16:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
Diethyl phthalate	ND		ug/kg	1800	170	10
Dimethyl phthalate	ND		ug/kg	1800	380	10
Benzo(a)anthracene	16000		ug/kg	1100	200	10
Benzo(a)pyrene	16000		ug/kg	1400	440	10
Benzo(b)fluoranthene	20000		ug/kg	1100	300	10
Benzo(k)fluoranthene	6600		ug/kg	1100	290	10
Chrysene	15000		ug/kg	1100	190	10
Acenaphthylene	ND		ug/kg	1400	280	10
Anthracene	4100		ug/kg	1100	350	10
Benzo(ghi)perylene	9200		ug/kg	1400	210	10
Fluorene	1500	J	ug/kg	1800	170	10
Phenanthrene	16000		ug/kg	1100	220	10
Dibenzo(a,h)anthracene	2400		ug/kg	1100	210	10
Indeno(1,2,3-cd)pyrene	9200		ug/kg	1400	250	10
Pyrene	26000		ug/kg	1100	180	10
Biphenyl	ND		ug/kg	4100	230	10
4-Chloroaniline	ND		ug/kg	1800	330	10
2-Nitroaniline	ND		ug/kg	1800	350	10
3-Nitroaniline	ND		ug/kg	1800	340	10
4-Nitroaniline	ND		ug/kg	1800	740	10
Dibenzofuran	800	J	ug/kg	1800	170	10
2-Methylnaphthalene	320	J	ug/kg	2200	220	10
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	1800	190	10
Acetophenone	ND		ug/kg	1800	220	10
2,4,6-Trichlorophenol	ND		ug/kg	1100	340	10
p-Chloro-m-cresol	ND		ug/kg	1800	270	10
2-Chlorophenol	ND		ug/kg	1800	210	10
2,4-Dichlorophenol	ND		ug/kg	1600	290	10
2,4-Dimethylphenol	ND		ug/kg	1800	590	10
2-Nitrophenol	ND		ug/kg	3900	680	10
4-Nitrophenol	ND		ug/kg	2500	730	10
2,4-Dinitrophenol	ND		ug/kg	8600	840	10
4,6-Dinitro-o-cresol	ND		ug/kg	4700	860	10
Pentachlorophenol	ND		ug/kg	1400	400	10
Phenol	ND		ug/kg	1800	270	10
2-Methylphenol	ND		ug/kg	1800	280	10
3-Methylphenol/4-Methylphenol	ND		ug/kg	2600	280	10

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-05 D
Client ID: SURF-003
Sample Location: SYRACUSE, NY

Date Collected: 05/20/24 16:35
Date Received: 05/20/24
Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Semivolatile Organics by GC/MS - Westborough Lab						
2,4,5-Trichlorophenol	ND		ug/kg	1800	340	10
Benzoic Acid	ND		ug/kg	5800	1800	10
Benzyl Alcohol	ND		ug/kg	1800	550	10
Carbazole	2400		ug/kg	1800	170	10
1,4-Dioxane	ND		ug/kg	270	83.	10

Surrogate	% Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	105		25-120
Phenol-d6	114		10-120
Nitrobenzene-d5	115		23-120
2-Fluorobiphenyl	88		30-120
2,4,6-Tribromophenol	109		10-136
4-Terphenyl-d14	87		18-120

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/24/24 03:32
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1924660-1					
Bis(2-chloroethyl)ether	ND		ug/l	2.0	0.39
3,3'-Dichlorobenzidine	ND		ug/l	5.0	1.8
2,4-Dinitrotoluene	ND		ug/l	5.0	0.54
2,6-Dinitrotoluene	ND		ug/l	5.0	0.84
4-Chlorophenyl phenyl ether	ND		ug/l	2.0	0.39
4-Bromophenyl phenyl ether	ND		ug/l	2.0	0.24
Bis(2-chloroisopropyl)ether	ND		ug/l	2.0	0.40
Bis(2-chloroethoxy)methane	ND		ug/l	5.0	0.84
Hexachlorocyclopentadiene	ND		ug/l	20	1.2
Isophorone	ND		ug/l	5.0	0.86
Nitrobenzene	ND		ug/l	2.0	0.20
NDPA/DPA	ND		ug/l	2.0	0.92
n-Nitrosodi-n-propylamine	ND		ug/l	5.0	0.91
Bis(2-ethylhexyl)phthalate	ND		ug/l	3.0	1.4
Butyl benzyl phthalate	ND		ug/l	5.0	2.6
Di-n-butylphthalate	ND		ug/l	5.0	0.96
Di-n-octylphthalate	ND		ug/l	5.0	2.3
Diethyl phthalate	ND		ug/l	5.0	0.76
Dimethyl phthalate	ND		ug/l	5.0	0.92
Biphenyl	ND		ug/l	2.0	0.20
4-Chloroaniline	ND		ug/l	5.0	0.47
2-Nitroaniline	ND		ug/l	5.0	1.0
3-Nitroaniline	ND		ug/l	5.0	1.2
4-Nitroaniline	ND		ug/l	5.0	1.4
Dibenzofuran	ND		ug/l	2.0	0.40
1,2,4,5-Tetrachlorobenzene	ND		ug/l	10	0.24
Acetophenone	ND		ug/l	5.0	0.92
2,4,6-Trichlorophenol	ND		ug/l	5.0	2.1
p-Chloro-m-cresol	ND		ug/l	2.0	0.61

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/24/24 03:32
Analyst: CMM

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 01-02 Batch: WG1924660-1					
2-Chlorophenol	ND		ug/l	2.0	0.65
2,4-Dichlorophenol	ND		ug/l	5.0	1.7
2,4-Dimethylphenol	ND		ug/l	5.0	2.0
2-Nitrophenol	ND		ug/l	10	2.0
4-Nitrophenol	ND		ug/l	10	1.4
2,4-Dinitrophenol	ND		ug/l	20	5.4
4,6-Dinitro-o-cresol	ND		ug/l	10	2.3
Phenol	ND		ug/l	5.0	0.35
2-Methylphenol	ND		ug/l	5.0	2.3
3-Methylphenol/4-Methylphenol	ND		ug/l	5.0	1.4
2,4,5-Trichlorophenol	ND		ug/l	5.0	2.1
Carbazole	ND		ug/l	2.0	0.31
Atrazine	ND		ug/l	10	1.0
Benzaldehyde	ND		ug/l	5.0	1.1
Caprolactam	ND		ug/l	10	1.2
2,3,4,6-Tetrachlorophenol	ND		ug/l	5.0	2.2

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	52		21-120
Phenol-d6	37		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	77		15-120
2,4,6-Tribromophenol	79		10-120
4-Terphenyl-d14	77		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/24/24 18:03
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1924661-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	1.0		ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	0.08	J	ug/l	0.10	0.03
Pentachlorophenol	ND		ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/24/24 18:03
Analyst: ALS

Extraction Method: EPA 3510C
Extraction Date: 05/22/24 20:25

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1924661-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	62		21-120
Phenol-d6	47		10-120
Nitrobenzene-d5	104		23-120
2-Fluorobiphenyl	82		15-120
2,4,6-Tribromophenol	98		10-120
4-Terphenyl-d14	91		41-149

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1924758-1					
Acenaphthene	ND		ug/kg	130	17.
1,2,4-Trichlorobenzene	ND		ug/kg	160	18.
Hexachlorobenzene	ND		ug/kg	97	18.
Bis(2-chloroethyl)ether	ND		ug/kg	150	22.
2-Chloronaphthalene	ND		ug/kg	160	16.
1,2-Dichlorobenzene	ND		ug/kg	160	29.
1,3-Dichlorobenzene	ND		ug/kg	160	28.
1,4-Dichlorobenzene	ND		ug/kg	160	28.
3,3'-Dichlorobenzidine	ND		ug/kg	160	43.
2,4-Dinitrotoluene	ND		ug/kg	160	32.
2,6-Dinitrotoluene	ND		ug/kg	160	28.
Fluoranthene	ND		ug/kg	97	19.
4-Chlorophenyl phenyl ether	ND		ug/kg	160	17.
4-Bromophenyl phenyl ether	ND		ug/kg	160	25.
Bis(2-chloroisopropyl)ether	ND		ug/kg	190	28.
Bis(2-chloroethoxy)methane	ND		ug/kg	180	16.
Hexachlorobutadiene	ND		ug/kg	160	24.
Hexachlorocyclopentadiene	ND		ug/kg	460	150
Hexachloroethane	ND		ug/kg	130	26.
Isophorone	ND		ug/kg	150	21.
Naphthalene	ND		ug/kg	160	20.
Nitrobenzene	ND		ug/kg	150	24.
NDPA/DPA	ND		ug/kg	130	18.
n-Nitrosodi-n-propylamine	ND		ug/kg	160	25.
Bis(2-ethylhexyl)phthalate	ND		ug/kg	160	56.
Butyl benzyl phthalate	ND		ug/kg	160	41.
Di-n-butylphthalate	ND		ug/kg	160	31.
Di-n-octylphthalate	ND		ug/kg	160	55.
Diethyl phthalate	ND		ug/kg	160	15.

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1924758-1					
Dimethyl phthalate	ND		ug/kg	160	34.
Benzo(a)anthracene	ND		ug/kg	97	18.
Benzo(a)pyrene	ND		ug/kg	130	40.
Benzo(b)fluoranthene	ND		ug/kg	97	27.
Benzo(k)fluoranthene	ND		ug/kg	97	26.
Chrysene	ND		ug/kg	97	17.
Acenaphthylene	ND		ug/kg	130	25.
Anthracene	ND		ug/kg	97	32.
Benzo(ghi)perylene	ND		ug/kg	130	19.
Fluorene	ND		ug/kg	160	16.
Phenanthrene	ND		ug/kg	97	20.
Dibenzo(a,h)anthracene	ND		ug/kg	97	19.
Indeno(1,2,3-cd)pyrene	ND		ug/kg	130	23.
Pyrene	ND		ug/kg	97	16.
Biphenyl	ND		ug/kg	370	21.
4-Chloroaniline	ND		ug/kg	160	30.
2-Nitroaniline	ND		ug/kg	160	31.
3-Nitroaniline	ND		ug/kg	160	31.
4-Nitroaniline	ND		ug/kg	160	67.
Dibenzofuran	ND		ug/kg	160	15.
2-Methylnaphthalene	ND		ug/kg	190	20.
1,2,4,5-Tetrachlorobenzene	ND		ug/kg	160	17.
Acetophenone	ND		ug/kg	160	20.
2,4,6-Trichlorophenol	ND		ug/kg	97	31.
p-Chloro-m-cresol	ND		ug/kg	160	24.
2-Chlorophenol	ND		ug/kg	160	19.
2,4-Dichlorophenol	ND		ug/kg	150	26.
2,4-Dimethylphenol	ND		ug/kg	160	54.
2-Nitrophenol	ND		ug/kg	350	61.

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E
Analytical Date: 05/23/24 12:07
Analyst: IM

Extraction Method: EPA 3546
Extraction Date: 05/23/24 05:38

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS - Westborough Lab for sample(s): 03-05 Batch: WG1924758-1					
4-Nitrophenol	ND		ug/kg	230	66.
2,4-Dinitrophenol	ND		ug/kg	780	76.
4,6-Dinitro-o-cresol	ND		ug/kg	420	78.
Pentachlorophenol	ND		ug/kg	130	36.
Phenol	ND		ug/kg	160	24.
2-Methylphenol	ND		ug/kg	160	25.
3-Methylphenol/4-Methylphenol	ND		ug/kg	230	25.
2,4,5-Trichlorophenol	ND		ug/kg	160	31.
Benzoic Acid	ND		ug/kg	530	160
Benzyl Alcohol	ND		ug/kg	160	50.
Carbazole	ND		ug/kg	160	16.
Atrazine	ND		ug/kg	130	57.
Benzaldehyde	ND		ug/kg	210	44.
Caprolactam	ND		ug/kg	160	49.
2,3,4,6-Tetrachlorophenol	ND		ug/kg	160	33.
1,4-Dioxane	ND		ug/kg	24	7.5

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	64		25-120
Phenol-d6	68		10-120
Nitrobenzene-d5	66		23-120
2-Fluorobiphenyl	55		30-120
2,4,6-Tribromophenol	66		10-136
4-Terphenyl-d14	66		18-120

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 08:01
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1926296-1					
Acenaphthene	ND		ug/l	0.10	0.02
2-Chloronaphthalene	ND		ug/l	0.20	0.02
Fluoranthene	ND		ug/l	0.10	0.03
Hexachlorobutadiene	ND		ug/l	0.50	0.02
Naphthalene	0.09	J	ug/l	0.10	0.02
Benzo(a)anthracene	ND		ug/l	0.10	0.03
Benzo(a)pyrene	ND		ug/l	0.10	0.02
Benzo(b)fluoranthene	ND		ug/l	0.10	0.03
Benzo(k)fluoranthene	ND		ug/l	0.10	0.03
Chrysene	ND		ug/l	0.10	0.03
Acenaphthylene	ND		ug/l	0.10	0.02
Anthracene	ND		ug/l	0.10	0.02
Benzo(ghi)perylene	ND		ug/l	0.10	0.02
Fluorene	ND		ug/l	0.10	0.03
Phenanthrene	ND		ug/l	0.10	0.04
Dibenzo(a,h)anthracene	ND		ug/l	0.10	0.02
Indeno(1,2,3-cd)pyrene	ND		ug/l	0.10	0.02
Pyrene	ND		ug/l	0.10	0.04
2-Methylnaphthalene	ND		ug/l	0.10	0.03
Pentachlorophenol	0.09	J	ug/l	0.80	0.06
Hexachlorobenzene	ND		ug/l	0.80	0.01
Hexachloroethane	ND		ug/l	0.80	0.02

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8270E-SIM
Analytical Date: 05/29/24 08:01
Analyst: RP

Extraction Method: EPA 3510C
Extraction Date: 05/28/24 07:43

Parameter	Result	Qualifier	Units	RL	MDL
Semivolatile Organics by GC/MS-SIM - Westborough Lab for sample(s): 01-02 Batch: WG1926296-1					

Surrogate	%Recovery	Qualifier	Acceptance Criteria
2-Fluorophenol	28		21-120
Phenol-d6	28		10-120
Nitrobenzene-d5	82		23-120
2-Fluorobiphenyl	64		15-120
2,4,6-Tribromophenol	44		10-120
4-Terphenyl-d14	83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924660-2 WG1924660-3								
Bis(2-chloroethyl)ether	69		73		40-140	6		30
3,3'-Dichlorobenzidine	97		104		40-140	7		30
2,4-Dinitrotoluene	90		94		48-143	4		30
2,6-Dinitrotoluene	87		94		40-140	8		30
4-Chlorophenyl phenyl ether	80		86		40-140	7		30
4-Bromophenyl phenyl ether	85		83		40-140	2		30
Bis(2-chloroisopropyl)ether	55		58		40-140	5		30
Bis(2-chloroethoxy)methane	69		76		40-140	10		30
Hexachlorocyclopentadiene	66		70		40-140	6		30
Isophorone	69		76		40-140	10		30
Nitrobenzene	68		74		40-140	8		30
NDPA/DPA	89		88		40-140	1		30
n-Nitrosodi-n-propylamine	67		70		29-132	4		30
Bis(2-ethylhexyl)phthalate	96		101		40-140	5		30
Butyl benzyl phthalate	97		96		40-140	1		30
Di-n-butylphthalate	91		93		40-140	2		30
Di-n-octylphthalate	100		98		40-140	2		30
Diethyl phthalate	85		90		40-140	6		30
Dimethyl phthalate	88		93		40-140	6		30
Biphenyl	80		84		40-140	5		30
4-Chloroaniline	65		65		40-140	0		30
2-Nitroaniline	92		99		52-143	7		30
3-Nitroaniline	90		94		25-145	4		30

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2427966
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924660-2 WG1924660-3								
4-Nitroaniline	86		97		51-143	12		30
Dibenzofuran	78		81		40-140	4		30
1,2,4,5-Tetrachlorobenzene	73		75		2-134	3		30
Acetophenone	72		78		39-129	8		30
2,4,6-Trichlorophenol	88		96		30-130	9		30
p-Chloro-m-cresol	77		80		23-97	4		30
2-Chlorophenol	73		81		27-123	10		30
2,4-Dichlorophenol	81		91		30-130	12		30
2,4-Dimethylphenol	71		74		30-130	4		30
2-Nitrophenol	90		101		30-130	12		30
4-Nitrophenol	47		54		10-80	14		30
2,4-Dinitrophenol	70		66		20-130	6		30
4,6-Dinitro-o-cresol	101		110		20-164	9		30
Phenol	35		42		12-110	18		30
2-Methylphenol	69		75		30-130	8		30
3-Methylphenol/4-Methylphenol	66		75		30-130	13		30
2,4,5-Trichlorophenol	87		95		30-130	9		30
Carbazole	86		86		55-144	0		30
Atrazine	86		96		40-140	11		30
Benzaldehyde	68		76		40-140	11		30
Caprolactam	23		24		10-130	4		30
2,3,4,6-Tetrachlorophenol	90		100		40-140	11		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 01-02 Batch: WG1924660-2 WG1924660-3								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	47		54		21-120
Phenol-d6	32		41		10-120
Nitrobenzene-d5	66		75		23-120
2-Fluorobiphenyl	78		80		15-120
2,4,6-Tribromophenol	95		98		10-120
4-Terphenyl-d14	81		88		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1924661-2 WG1924661-3								
Acenaphthene	89		77		40-140	14		40
2-Chloronaphthalene	81		71		40-140	13		40
Fluoranthene	94		81		40-140	15		40
Hexachlorobutadiene	74		67		40-140	10		40
Naphthalene	78		73		40-140	7		40
Benzo(a)anthracene	90		80		40-140	12		40
Benzo(a)pyrene	105		88		40-140	18		40
Benzo(b)fluoranthene	102		86		40-140	17		40
Benzo(k)fluoranthene	95		81		40-140	16		40
Chrysene	95		78		40-140	20		40
Acenaphthylene	89		78		40-140	13		40
Anthracene	93		80		40-140	15		40
Benzo(ghi)perylene	101		86		40-140	16		40
Fluorene	89		78		40-140	13		40
Phenanthrene	86		74		40-140	15		40
Dibenzo(a,h)anthracene	107		92		40-140	15		40
Indeno(1,2,3-cd)pyrene	112		97		40-140	14		40
Pyrene	91		78		40-140	15		40
2-Methylnaphthalene	87		77		40-140	12		40
Pentachlorophenol	90		74		40-140	20		40
Hexachlorobenzene	86		74		40-140	15		40
Hexachloroethane	71		65		40-140	9		40

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1924661-2 WG1924661-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	57		57		21-120
Phenol-d6	43		43		10-120
Nitrobenzene-d5	104		98		23-120
2-Fluorobiphenyl	84		76		15-120
2,4,6-Tribromophenol	107		97		10-120
4-Terphenyl-d14	93		83		41-149

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1924758-2 WG1924758-3								
Acenaphthene	51		50		31-137	2		50
1,2,4-Trichlorobenzene	55		51		38-107	8		50
Hexachlorobenzene	62		58		40-140	7		50
Bis(2-chloroethyl)ether	56		52		40-140	7		50
2-Chloronaphthalene	56		53		40-140	6		50
1,2-Dichlorobenzene	54		50		40-140	8		50
1,3-Dichlorobenzene	52		49		40-140	6		50
1,4-Dichlorobenzene	51		49		28-104	4		50
3,3'-Dichlorobenzidine	41		44		40-140	7		50
2,4-Dinitrotoluene	58		55		40-132	5		50
2,6-Dinitrotoluene	66		62		40-140	6		50
Fluoranthene	57		57		40-140	0		50
4-Chlorophenyl phenyl ether	56		55		40-140	2		50
4-Bromophenyl phenyl ether	61		60		40-140	2		50
Bis(2-chloroisopropyl)ether	49		48		40-140	2		50
Bis(2-chloroethoxy)methane	61		58		40-117	5		50
Hexachlorobutadiene	50		49		40-140	2		50
Hexachlorocyclopentadiene	59		56		40-140	5		50
Hexachloroethane	53		51		40-140	4		50
Isophorone	61		58		40-140	5		50
Naphthalene	53		50		40-140	6		50
Nitrobenzene	64		61		40-140	5		50
NDPA/DPA	57		55		36-157	4		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1924758-2 WG1924758-3								
n-Nitrosodi-n-propylamine	63		58		32-121	8		50
Bis(2-ethylhexyl)phthalate	56		56		40-140	0		50
Butyl benzyl phthalate	63		63		40-140	0		50
Di-n-butylphthalate	58		56		40-140	4		50
Di-n-octylphthalate	56		56		40-140	0		50
Diethyl phthalate	56		54		40-140	4		50
Dimethyl phthalate	59		57		40-140	3		50
Benzo(a)anthracene	53		53		40-140	0		50
Benzo(a)pyrene	58		59		40-140	2		50
Benzo(b)fluoranthene	56		58		40-140	4		50
Benzo(k)fluoranthene	55		55		40-140	0		50
Chrysene	52		53		40-140	2		50
Acenaphthylene	61		58		40-140	5		50
Anthracene	55		53		40-140	4		50
Benzo(ghi)perylene	53		55		40-140	4		50
Fluorene	55		52		40-140	6		50
Phenanthrene	52		52		40-140	0		50
Dibenzo(a,h)anthracene	53		55		40-140	4		50
Indeno(1,2,3-cd)pyrene	54		55		40-140	2		50
Pyrene	56		56		35-142	0		50
Biphenyl	49		47		37-127	4		50
4-Chloroaniline	47		44		40-140	7		50
2-Nitroaniline	71		68		47-134	4		50

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1924758-2 WG1924758-3								
3-Nitroaniline	55		54		26-129	2		50
4-Nitroaniline	64		61		41-125	5		50
Dibenzofuran	54		52		40-140	4		50
2-Methylnaphthalene	56		54		40-140	4		50
1,2,4,5-Tetrachlorobenzene	52		50		40-117	4		50
Acetophenone	55		52		14-144	6		50
2,4,6-Trichlorophenol	63		60		30-130	5		50
p-Chloro-m-cresol	65		62		26-103	5		50
2-Chlorophenol	61		57		25-102	7		50
2,4-Dichlorophenol	65		62		30-130	5		50
2,4-Dimethylphenol	60		58		30-130	3		50
2-Nitrophenol	74		70		30-130	6		50
4-Nitrophenol	74		72		11-114	3		50
2,4-Dinitrophenol	60		53		4-130	12		50
4,6-Dinitro-o-cresol	68		65		10-130	5		50
Pentachlorophenol	59		55		17-109	7		50
Phenol	63		60		26-90	5		50
2-Methylphenol	66		62		30-130.	6		50
3-Methylphenol/4-Methylphenol	66		63		30-130	5		50
2,4,5-Trichlorophenol	63		61		30-130	3		50
Benzoic Acid	41		30		10-110	31		50
Benzyl Alcohol	67		64		40-140	5		50
Carbazole	55		55		54-128	0		50

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS - Westborough Lab Associated sample(s): 03-05 Batch: WG1924758-2 WG1924758-3								
Atrazine	51		51		40-140	0		50
Benzaldehyde	48		46		40-140	4		50
Caprolactam	63		60		15-130	5		50
2,3,4,6-Tetrachlorophenol	63		60		40-140	5		50
1,4-Dioxane	**38**	Q	**39**	Q	40-140	3		50

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	60		57		25-120
Phenol-d6	63		60		10-120
Nitrobenzene-d5	63		59		23-120
2-Fluorobiphenyl	52		49		30-120
2,4,6-Tribromophenol	65		62		10-136
4-Terphenyl-d14	56		56		18-120

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1926296-2 WG1926296-3								
Acenaphthene	71		78		40-140	9		40
2-Chloronaphthalene	63		69		40-140	9		40
Fluoranthene	84		89		40-140	6		40
Hexachlorobutadiene	54		61		40-140	12		40
Naphthalene	61		68		40-140	11		40
Benzo(a)anthracene	78		83		40-140	6		40
Benzo(a)pyrene	87		94		40-140	8		40
Benzo(b)fluoranthene	82		88		40-140	7		40
Benzo(k)fluoranthene	80		86		40-140	7		40
Chrysene	80		87		40-140	8		40
Acenaphthylene	72		78		40-140	8		40
Anthracene	77		84		40-140	9		40
Benzo(ghi)perylene	88		96		40-140	9		40
Fluorene	74		80		40-140	8		40
Phenanthrene	74		79		40-140	7		40
Dibenzo(a,h)anthracene	94		103		40-140	9		40
Indeno(1,2,3-cd)pyrene	99		106		40-140	7		40
Pyrene	82		88		40-140	7		40
2-Methylnaphthalene	67		75		40-140	11		40
Pentachlorophenol	**38**	Q	92		40-140	**83**	Q	40
Hexachlorobenzene	70		75		40-140	7		40
Hexachloroethane	52		58		40-140	11		40

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits

Semivolatile Organics by GC/MS-SIM - Westborough Lab Associated sample(s): 01-02 Batch: WG1926296-2 WG1926296-3

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
2-Fluorophenol	34		56		21-120
Phenol-d6	33		44		10-120
Nitrobenzene-d5	86		92		23-120
2-Fluorobiphenyl	68		70		15-120
2,4,6-Tribromophenol	58		100		10-120
4-Terphenyl-d14	83		89		41-149

METALS

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-01 Date Collected: 05/20/24 15:06

Client ID: TMW-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.02044		mg/l	0.00250	0.00082	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Barium, Dissolved	3.656		mg/l	0.00250	0.00086	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	0.00115		mg/l	0.00100	0.00029	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	0.2026		mg/l	0.00500	0.00089	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Lead, Dissolved	0.6252		mg/l	0.00500	0.00171	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	0.00147		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 14:21	EPA 7470A	1,7470A	DJR
Selenium, Dissolved	0.0276		mg/l	0.0250	0.00865	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00200	0.00081	1	05/24/24 18:25	05/25/24 15:02	EPA 3005A	1,6020B	MRC

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-02 Date Collected: 05/20/24 15:40

Client ID: TMW-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Refer to COC

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab											
Arsenic, Dissolved	0.02238		mg/l	0.00250	0.00082	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Barium, Dissolved	8.173		mg/l	0.00250	0.00086	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Cadmium, Dissolved	0.00288		mg/l	0.00100	0.00029	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Chromium, Dissolved	0.4062		mg/l	0.00500	0.00089	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Lead, Dissolved	0.4051		mg/l	0.00500	0.00171	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Mercury, Dissolved	0.00171		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 14:24	EPA 7470A	1,7470A	DJR
Selenium, Dissolved	0.0419		mg/l	0.0250	0.00865	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC
Silver, Dissolved	0.00107	J	mg/l	0.00200	0.00081	1	05/24/24 18:25	05/25/24 15:06	EPA 3005A	1,6020B	MRC

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-03 Date Collected: 05/20/24 16:00

Client ID: SURF-001 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 87%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	4.79		mg/kg	2.22	0.461	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Barium, Total	126		mg/kg	2.22	0.386	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.256	J	mg/kg	2.22	0.217	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Chromium, Total	8.92		mg/kg	2.22	0.213	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Lead, Total	181		mg/kg	11.1	0.594	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Mercury, Total	0.160		mg/kg	0.072	0.047	1	05/25/24 11:40	05/27/24 12:49	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	4.43	0.572	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	1.11	0.628	5	05/25/24 11:00	05/25/24 20:50	EPA 3050B	1,6010D	MAM

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-04 Date Collected: 05/20/24 16:20

Client ID: SURF-002 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 95%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	2.34	J	mg/kg	4.09	0.850	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Barium, Total	80.9		mg/kg	4.09	0.711	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Cadmium, Total	ND		mg/kg	4.09	0.401	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Chromium, Total	6.44		mg/kg	4.09	0.392	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Lead, Total	25.3		mg/kg	20.4	1.10	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Mercury, Total	0.044	J	mg/kg	0.066	0.043	1	05/25/24 11:40	05/27/24 12:52	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	8.18	1.05	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	2.04	1.16	10	05/25/24 11:00	05/25/24 20:54	EPA 3050B	1,6010D	MAM

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-05 Date Collected: 05/20/24 16:35

Client ID: SURF-003 Date Received: 05/20/24

Sample Location: SYRACUSE, NY Field Prep: Not Specified

Sample Depth:

Matrix: Soil

Percent Solids: 92%

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
Total Metals - Mansfield Lab											
Arsenic, Total	8.47		mg/kg	4.19	0.871	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Barium, Total	94.4		mg/kg	4.19	0.729	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Cadmium, Total	0.528	J	mg/kg	4.19	0.410	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Chromium, Total	8.36		mg/kg	4.19	0.402	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Lead, Total	82.6		mg/kg	20.9	1.12	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Mercury, Total	0.049	J	mg/kg	0.070	0.045	1	05/25/24 11:40	05/27/24 12:55	EPA 7471B	1,7471B	MJR
Selenium, Total	ND		mg/kg	8.38	1.08	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM
Silver, Total	ND		mg/kg	2.09	1.18	10	05/25/24 11:00	05/25/24 20:58	EPA 3050B	1,6010D	MAM

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925502-1										
Arsenic, Dissolved	ND		mg/l	0.00050	0.00016	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Barium, Dissolved	ND		mg/l	0.00050	0.00017	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Cadmium, Dissolved	ND		mg/l	0.00020	0.00005	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Chromium, Dissolved	ND		mg/l	0.00100	0.00017	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Lead, Dissolved	ND		mg/l	0.00100	0.00034	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Selenium, Dissolved	ND		mg/l	0.00500	0.00173	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC
Silver, Dissolved	ND		mg/l	0.00040	0.00016	1	05/24/24 18:25	05/25/24 12:52	1,6020B	MRC

Prep Information

Digestion Method: EPA 3005A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Dissolved Metals - Mansfield Lab for sample(s): 01-02 Batch: WG1925505-1										
Mercury, Dissolved	ND		mg/l	0.00020	0.00009	1	05/24/24 20:43	05/25/24 13:52	1,7470A	DJR

Prep Information

Digestion Method: EPA 7470A

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-05 Batch: WG1925761-1										
Arsenic, Total	ND		mg/kg	0.400	0.083	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Barium, Total	ND		mg/kg	0.400	0.070	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Cadmium, Total	ND		mg/kg	0.400	0.039	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Chromium, Total	0.046	J	mg/kg	0.400	0.038	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Lead, Total	ND		mg/kg	2.00	0.107	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Selenium, Total	ND		mg/kg	0.800	0.103	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM
Silver, Total	ND		mg/kg	0.200	0.113	1	05/25/24 11:00	05/25/24 16:04	1,6010D	MAM

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2427966

Project Number: 086328 **Report Date:** 05/30/24

Method Blank Analysis
Batch Quality Control

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
Total Metals - Mansfield Lab for sample(s): 03-05 Batch: WG1925771-1										
Mercury, Total	ND		mg/kg	0.083	0.054	1	05/25/24 11:40	05/27/24 12:09	1,7471B	MJR

Prep Information

Digestion Method: EPA 7471B

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925502-2								
Arsenic, Dissolved	101		-		80-120	-		
Barium, Dissolved	97		-		80-120	-		
Cadmium, Dissolved	100		-		80-120	-		
Chromium, Dissolved	100		-		80-120	-		
Lead, Dissolved	96		-		80-120	-		
Selenium, Dissolved	100		-		80-120	-		
Silver, Dissolved	98		-		80-120	-		
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 Batch: WG1925505-2								
Mercury, Dissolved	102		-		80-120	-		
Total Metals - Mansfield Lab Associated sample(s): 03-05 Batch: WG1925761-2								
Arsenic, Total	95		-		80-120	-		
Barium, Total	101		-		80-120	-		
Cadmium, Total	98		-		80-120	-		
Chromium, Total	99		-		80-120	-		
Lead, Total	99		-		80-120	-		
Selenium, Total	98		-		80-120	-		
Silver, Total	100		-		80-120	-		

Lab Control Sample Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	LCS %Recovery	LCSD %Recovery	%Recovery Limits	RPD	RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-05 Batch: WG1925771-2					
Mercury, Total	98	-	80-120	-	

Matrix Spike Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2427966
Report Date: 05/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery	Qual	MSD Found	MSD %Recovery	Qual	Recovery Limits	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925502-3 WG1925502-4 QC Sample: L2427888-01 Client ID: MS Sample												
Arsenic, Dissolved	0.0042	0.12	0.1266	102		0.1261	102		75-125	0		20
Barium, Dissolved	0.1067	2	2.122	101		2.136	101		75-125	1		20
Cadmium, Dissolved	ND	0.053	0.05560	105		0.05439	103		75-125	2		20
Chromium, Dissolved	0.0006J	0.2	0.2060	103		0.2057	103		75-125	0		20
Lead, Dissolved	ND	0.53	0.5316	100		0.5453	103		75-125	3		20
Selenium, Dissolved	ND	0.12	0.118	98		0.127	106		75-125	7		20
Silver, Dissolved	ND	0.05	0.05095	102		0.05253	105		75-125	3		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925502-7 WG1925502-8 QC Sample: L2427888-05 Client ID: MS Sample												
Arsenic, Dissolved	0.0041	0.12	0.1216	98		0.1254	101		75-125	3		20
Barium, Dissolved	0.1098	2	2.076	98		2.157	102		75-125	4		20
Cadmium, Dissolved	ND	0.053	0.05313	100		0.05510	104		75-125	4		20
Chromium, Dissolved	0.0008J	0.2	0.2008	100		0.2020	101		75-125	1		20
Lead, Dissolved	ND	0.53	0.5230	99		0.5439	103		75-125	4		20
Selenium, Dissolved	ND	0.12	0.118	98		0.118	98		75-125	0		20
Silver, Dissolved	ND	0.05	0.05068	101		0.05056	101		75-125	0		20
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925505-3 QC Sample: L2427959-14 Client ID: MS Sample												
Mercury, Dissolved	ND	0.005	0.00494	99		-	-		75-125	-		20

Matrix Spike Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Parameter	Native Sample	MS Added	MS Found	MS %Recovery		MSD Found	MSD %Recovery		Recovery Limits	RPD		RPD Limits
Total Metals - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1925761-3 WG1925761-4 QC Sample: L2427905-06 Client ID: MS Sample												
Arsenic, Total	18.6	11.3	37.9	**171**	Q	34.5	**141**	Q	75-125	9		20
Barium, Total	262	188	378	**62**	Q	388	**67**	Q	75-125	3		20
Cadmium, Total	1.07J	4.99	5.87J	118		5.87J	118		75-125	0		20
Chromium, Total	153	18.8	262	**578**	Q	267	**606**	Q	75-125	2		20
Lead, Total	175	49.9	145	**0**	Q	228	106		75-125	**45**	Q	20
Selenium, Total	ND	11.3	10.3J	91		10.7J	95		75-125	4		20
Silver, Total	ND	4.71	4.02J	85		5.03	107		75-125	**22**	Q	20
Total Metals - Mansfield Lab Associated sample(s): 03-05 QC Batch ID: WG1925771-3 WG1925771-4 QC Sample: L2427905-06 Client ID: MS Sample												
Mercury, Total	0.494	1.52	1.92	94		1.74	80		80-120	10		20

Lab Duplicate Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Dissolved Metals - Mansfield Lab Associated sample(s): 01-02 QC Batch ID: WG1925505-4 QC Sample: L2427959-14 Client ID: DUP Sample						
Mercury, Dissolved	ND	ND	mg/l	NC		20

INORGANICS
&
MISCELLANEOUS

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2427966
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-03
Client ID: SURF-001
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 16:00
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.4		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2427966
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-04
Client ID: SURF-002
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 16:20
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2427966
Report Date: 05/30/24

SAMPLE RESULTS

Lab ID: L2427966-05
Client ID: SURF-003
Sample Location: SYRACUSE, NY
Sample Depth:
Matrix: Soil

Date Collected: 05/20/24 16:35
Date Received: 05/20/24
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.3		%	0.100	NA	1	-	05/21/24 13:51	121,2540G	ROI

Lab Duplicate Analysis

Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.

Project Number: 086328

Lab Number: L2427966

Report Date: 05/30/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 03-05 QC Batch ID: WG1923782-1 QC Sample: L2427936-01 Client ID: DUP Sample						
Solids, Total	95.6	94.7	%	1		20

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Cooler Information

Cooler	Custody Seal
A	Absent

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427966-01A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-01B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-01C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-01D	Plastic 250ml HNO3 preserved	A	<2	<2	2.4	Y	Absent		SE-6020S(180),CR-6020S(180),PB-6020S(180),BA-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180)
L2427966-01E	Amber 100ml unpreserved	A	6	6	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2427966-01F	Amber 100ml unpreserved	A	6	6	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2427966-02A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-02B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-02C	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-02D	Plastic 250ml HNO3 preserved	A	6	<2	2.4	N	Absent		SE-6020S(180),CR-6020S(180),BA-6020S(180),PB-6020S(180),AS-6020S(180),AG-6020S(180),HG-S(28),CD-6020S(180)
L2427966-02E	Amber 100ml unpreserved	A	6	6	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2427966-02F	Amber 100ml unpreserved	A	6	6	2.4	Y	Absent		NYTCL-8270-RVT(7),NYTCL-8270-SIM-RVT(7)
L2427966-03A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2427966-03B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		BA-TI(180),AS-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427966-03C	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2427966-04A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2427966-04B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)

*Values in parentheses indicate holding time in days

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2427966
Report Date: 05/30/24

Container Information

Container ID	Container Type	Cooler	Initial pH	Final pH	Temp deg C	Pres	Seal	Frozen Date/Time	Analysis(*)
L2427966-04C	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2427966-05A	Plastic 2oz unpreserved for TS	A	NA		2.4	Y	Absent		TS(7)
L2427966-05B	Metals Only-Glass 60mL/2oz unpreserved	A	NA		2.4	Y	Absent		AS-TI(180),BA-TI(180),AG-TI(180),CR-TI(180),PB-TI(180),SE-TI(180),HG-T(28),CD-TI(180)
L2427966-05C	Glass 120ml/4oz unpreserved	A	NA		2.4	Y	Absent		NYTCL-8270(14)
L2427966-06A	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)
L2427966-06B	Vial HCl preserved	A	NA		2.4	Y	Absent		NYTCL-8260-R2(14)

*Values in parentheses indicate holding time in days

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: DU Report with 'J' Qualifiers

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. 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:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

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:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2427966
Project Number:	086328	**Report Date:**	05/30/24

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - VI, 2018.

121 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WEF. Standard Methods Online.

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

NEW YORK CHAIN OF CUSTODY

ALPHA ANALYTICAL

Westborough, MA 01581
8 Walkup Dr.
TEL: 508-898-9220
FAX: 508-898-9193

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

Service Centers
Mahwah, NJ 07430: 35 Whitney Rd, Suite 5
Albany, NY 12205: 14 Walker Way
Tonawanda, NY 14150: 275 Cooper Ave, Suite 105

Page 1 of 1

Date Rec'd in Lab: 5/21/24

ALPHA Job #: L2427966

Client Information
Client: CHA Consulting
Address: 300 S. State St.
Syracuse, NY 13202
Phone: 315-257-7154
Fax: -
Email: Smiller@chasolutions.com

Project Information
Project Name: 701-705 East Fayette St.
Project Location: Syracuse, NY
Project #: 086328
(Use Project name as Project #) ☐
Project Manager: Sam Miller (CHA) M. Deyo (Pace)
ALPHAQuote #:

Turn-Around Time
Standard ☒ Due Date:
Rush (only if pre approved) ☐ # of Days:

Deliverables
☐ ASP-A ☐ ASP-B
☐ EQuIS (1 File) ☐ EQuIS (4 File)
☐ Other

Billing Information
☐ Same as Client Info
PO # 086328 05

Regulatory Requirement
☐ NY TOGS ☒ NY Part 375
☐ AWQ Standards ☐ NY CP-51
☐ NY Restricted Use ☐ Other
☐ NY Unrestricted Use
☐ NYC Sewer Discharge

Disposal Site Information
Please identify below location of applicable disposal facilities.
Disposal Facility:
☐ NJ ☐ NY
☐ Other:

These samples have been previously analyzed by Alpha ☐

Other project specific requirements/comments:
cc ~~Andrew~~ Ahodgens@chasolutions.com

Please specify Metals or TAL.

ANALYSIS

Sample Filtration
☐ Done
☐ Lab to do
Preservation
☐ Lab to do
(Please Specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOCs 8260	NYTCL SVOCs 8270 Silica Gel	Dissolved RCRA 8 metals	Total Solids	Total RCRA 8 metals	NYTCL SVOCs 8270			Sample Specific Comments	Total # Bottles
2427966-01	TMW-001	5-20-24	1506	GW	AH	X	X	X							6
-02	TMW-002	"	1540	GW	"	X	X	X							6
-03	Surf-001	"	1600	Soil	"				X	X	X				3
-04	Surf-002	"	1620	Soil	"				X	X	X				3
-05	Surf-003	"	1635	Soil	"				X	X	X				3
-06	Trip blanks	5-17-24	-	-	-	X									2

Container Type: V A P P A A
Preservative: B A C A A A

Preservative Code:
A = None
B = HCl
C = HNO_3
D = H_2SO_4
E = NaOH
F = MeOH
G = $NaHSO_4$
H = $Na_2S_2O_3$
K/E = Zn Ac/NaOH
O = Other

Container Code
P = Plastic
A = Amber Glass
V = Vial
G = Glass
B = Bacteria Cup
C = Cube
O = Other
E = Encore
D = BOD Bottle

Westboro: Certification No: MA935
Mansfield: Certification No: MA015

Relinquished By:	Date/Time	Received By:	Date/Time
Andrew Hodgens	5/20/24 1730		5/20/24 1820
	5/20/24 1820		
	5/20/24 1820		5/21/24 110

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. BY EXECUTING THIS COC, THE CLIENT HAS READ AND AGREES TO BE BOUND BY ALPHA'S TERMS & CONDITIONS. (See reverse side.)

Form No: 01-25 HC (rev. 30-Sept-2013)

ANALYTICAL REPORT

Lab Number:	L2428308
Client:	CHA Companies One Park Place 300 South State St., Suite 600 Syracuse, NY 13202
ATTN:	Samantha Miller
Phone:	(315) 471-3920
Project Name:	701-705 EAST FAYETTE ST.
Project Number:	086328
Report Date:	06/13/24

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

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L2428308-01	IA-01	AIR	SYRACUSE, NY	05/21/24 15:41	05/21/24
L2428308-02	SS-01	SOIL_VAPOR	SYRACUSE, NY	05/21/24 15:46	05/21/24
L2428308-03	SS-02	SOIL_VAPOR	SYRACUSE, NY	05/21/24 15:56	05/21/24
L2428308-04	IA-02	AIR	SYRACUSE, NY	05/21/24 15:13	05/21/24
L2428308-05	IA-03	AIR	SYRACUSE, NY	05/21/24 16:08	05/21/24
L2428308-06	SS-03	SOIL_VAPOR	SYRACUSE, NY	05/21/24 16:12	05/21/24
L2428308-07	UNUSED CAN 3995	SOIL_VAPOR	SYRACUSE, NY		05/21/24
L2428308-08	UNUSED CAN 3671	SOIL_VAPOR	SYRACUSE, NY		05/21/24
L2428308-09	UNUSED CAN 2504	SOIL_VAPOR	SYRACUSE, NY		05/21/24

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2428308
Project Number:	086328	**Report Date:**	06/13/24

Case Narrative

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

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

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

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

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

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

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2428308
Project Number: 086328 **Report Date:** 06/13/24

Case Narrative (continued)

Volatile Organics in Air

Canisters were released from the laboratory on May 16, 2024. The canister certification data is provided as an addendum.

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: 06/13/24

AIR

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-01
Client ID: IA-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:41
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 19:04
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.471	0.200	--	2.33	0.989	--		1
Chloromethane	0.613	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	18.6	5.00	--	35.0	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	12.3	1.00	--	29.2	2.38	--		1
Trichlorofluoromethane	2.44	0.200	--	13.7	1.12	--		1
Isopropanol	7.69	0.500	--	18.9	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.13	0.500	--	3.33	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.875	0.500	--	2.58	1.47	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-01
Client ID: IA-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:41
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	0.644	0.200	--	2.43	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-01
Client ID: IA-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:41
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	0.616	0.200	--	3.23	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

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

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-01
Client ID: IA-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:41
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/11/24 19:04
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.067	0.020	--	0.421	0.126	--		1
Trichloroethene	0.031	0.020	--	0.167	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

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

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-02
Client ID: SS-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:46
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 21:42
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.469	0.200	--	2.32	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	5.24	5.00	--	9.87	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	20.4	1.00	--	48.5	2.38	--		1
Trichlorofluoromethane	2.26	0.200	--	12.7	1.12	--		1
Isopropanol	0.625	0.500	--	1.54	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.464	0.200	--	1.44	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	2.27	0.500	--	6.69	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-02
Client ID: SS-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:46
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.881	0.500	--	2.60	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	5.53	0.200	--	19.5	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	1.88	0.200	--	6.01	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.15	0.200	--	3.96	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.426	0.200	--	2.29	1.07	--		1
2,2,4-Trimethylpentane	0.214	0.200	--	1.00	0.934	--		1
Heptane	2.83	0.200	--	11.6	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	3.95	0.200	--	14.9	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	4.48	0.200	--	19.5	0.869	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-02
Client ID: SS-01
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:46
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	18.0	0.400	--	78.2	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.348	0.200	--	1.48	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	4.02	0.200	--	17.5	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	0.720	0.200	--	3.54	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	103		60-140
Bromochloromethane	106		60-140
chlorobenzene-d5	109		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-03
Client ID: SS-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:56
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 22:21
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.492	0.200	--	2.43	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	0.221	0.200	--	1.24	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	1.10	0.500	--	3.82	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.402	0.200	--	1.25	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	1.40	0.500	--	4.13	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2428308
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-03
Client ID: SS-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:56
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.521	0.500	--	1.54	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	3.33	0.200	--	11.7	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	0.652	0.200	--	2.08	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	1.61	0.200	--	5.54	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	0.373	0.200	--	2.00	1.07	--		1
2,2,4-Trimethylpentane	16.7	0.200	--	78.0	0.934	--		1
Heptane	2.48	0.200	--	10.2	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	2.81	0.200	--	10.6	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	6.72	0.200	--	45.6	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	6.29	0.200	--	27.3	0.869	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-03
Client ID: SS-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:56
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	27.1	0.400	--	118	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.404	0.200	--	1.72	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	8.00	0.200	--	34.7	0.869	--		1
4-Ethyltoluene	0.286	0.200	--	1.41	0.983	--		1
1,3,5-Trimethylbenzene	1.07	0.200	--	5.26	0.983	--		1
1,2,4-Trimethylbenzene	2.08	0.200	--	10.2	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	103		60-140
Bromochloromethane	108		60-140
chlorobenzene-d5	124		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-04
Client ID: IA-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:13
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 19:43
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.482	0.200	--	2.38	0.989	--		1
Chloromethane	0.614	0.200	--	1.27	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	14.3	5.00	--	26.9	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	9.39	1.00	--	22.3	2.38	--		1
Trichlorofluoromethane	0.202	0.200	--	1.14	1.12	--		1
Isopropanol	0.715	0.500	--	1.76	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	0.951	0.500	--	2.80	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2428308
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-04
Client ID: IA-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:13
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	1.49	0.200	--	5.25	0.705	--		1
Benzene	0.878	0.200	--	2.80	0.639	--		1
Cyclohexane	0.379	0.200	--	1.30	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	1.92	0.200	--	8.97	0.934	--		1
Heptane	0.660	0.200	--	2.70	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	1.12	0.500	--	4.59	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.45	0.200	--	28.1	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	1.27	0.200	--	5.52	0.869	--		1
p/m-Xylene	3.54	0.400	--	15.4	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	1.43	0.200	--	6.21	0.869	--		1
4-Ethyltoluene	0.200	0.200	--	0.983	0.983	--		1
1,3,5-Trimethylbenzene	0.255	0.200	--	1.25	0.983	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-04
Client ID: IA-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:13
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	1.04	0.200	--	5.11	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	94		60-140
Bromochloromethane	97		60-140
chlorobenzene-d5	95		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-04
Client ID: IA-02
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 15:13
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/11/24 19:43
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.069	0.020	--	0.434	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	95		60-140
bromochloromethane	97		60-140
chlorobenzene-d5	96		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-05
Client ID: IA-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:08
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 21:03
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.487	0.200	--	2.41	0.989	--		1
Chloromethane	0.605	0.200	--	1.25	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	126	5.00	--	237	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	80.8	1.00	--	192	2.38	--		1
Trichlorofluoromethane	0.309	0.200	--	1.74	1.12	--		1
Isopropanol	76.1	0.500	--	187	1.23	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.22	0.500	--	9.50	1.47	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	0.506	0.500	--	1.49	1.47	--		1

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2428308
Report Date: 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-05
Client ID: IA-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:08
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	17.7	0.200	--	62.4	0.705	--		1
Benzene	4.24	0.200	--	13.5	0.639	--		1
Cyclohexane	4.82	0.200	--	16.6	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
2,2,4-Trimethylpentane	7.95	0.200	--	37.1	0.934	--		1
Heptane	6.58	0.200	--	27.0	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	0.841	0.500	--	3.45	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	20.0	0.200	--	75.4	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	5.86	0.200	--	25.5	0.869	--		1
p/m-Xylene	20.9	0.400	--	90.8	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	8.61	0.200	--	37.4	0.869	--		1
4-Ethyltoluene	1.92	0.200	--	9.44	0.983	--		1
1,3,5-Trimethylbenzene	3.21	0.200	--	15.8	0.983	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-05
Client ID: IA-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:08
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
1,2,4-Trimethylbenzene	12.6	0.200	--	61.9	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	21.7	0.200	--	130	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	1.26	0.200	--	6.61	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-Difluorobenzene	100		60-140
Bromochloromethane	104		60-140
chlorobenzene-d5	103		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-05
Client ID: IA-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:08
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 06/11/24 21:03
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air by SIM - Mansfield Lab								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	0.080	0.020	--	0.503	0.126	--		1
Trichloroethene	0.354	0.020	--	1.90	0.107	--		1
Tetrachloroethene	0.149	0.020	--	1.01	0.136	--		1

Internal Standard	**% Recovery**	**Qualifier**	**Acceptance Criteria**
1,4-difluorobenzene	100		60-140
bromochloromethane	103		60-140
chlorobenzene-d5	101		60-140

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-06
Client ID: SS-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:12
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:
Matrix: Soil_Vapor
Anaytical Method: 48,TO-15
Analytical Date: 06/11/24 23:00
Analyst: JMB

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Dichlorodifluoromethane	0.486	0.200	--	2.40	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	204	5.00	--	384	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	72.7	1.00	--	173	2.38	--		1
Trichlorofluoromethane	0.236	0.200	--	1.33	1.12	--		1
Isopropanol	2.37	0.500	--	5.83	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	0.717	0.500	--	2.17	1.52	--		1
Methylene chloride	0.812	0.500	--	2.82	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	0.557	0.200	--	1.73	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	0.218	0.200	--	0.882	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	3.42	0.500	--	10.1	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-06
Client ID: SS-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:12
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	0.417	0.200	--	2.04	0.977	--		1
Tetrahydrofuran	1.34	0.500	--	3.95	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	4.45	0.200	--	15.7	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	4.61	0.200	--	14.7	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	2.26	0.200	--	7.78	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	0.950	0.200	--	4.44	0.934	--		1
Heptane	2.98	0.200	--	12.2	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	7.46	0.200	--	28.1	0.754	--		1
2-Hexanone	1.02	0.200	--	4.18	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	0.543	0.200	--	3.68	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	7.71	0.200	--	33.5	0.869	--		1

Project Name: 701-705 EAST FAYETTE ST. ***Lab Number:*** L2428308

Project Number: 086328 ***Report Date:*** 06/13/24

SAMPLE RESULTS

Lab ID: L2428308-06
Client ID: SS-03
Sample Location: SYRACUSE, NY

Date Collected: 05/21/24 16:12
Date Received: 05/21/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
p/m-Xylene	29.5	0.400	--	128	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	0.535	0.200	--	2.28	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	6.78	0.200	--	29.4	0.869	--		1
4-Ethyltoluene	0.298	0.200	--	1.47	0.983	--		1
1,3,5-Trimethylbenzene	0.277	0.200	--	1.36	0.983	--		1
1,2,4-Trimethylbenzene	1.18	0.200	--	5.80	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	0.427	0.200	--	2.57	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	99		60-140
chlorobenzene-d5	108		60-140

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2428308

Project Number: 086328 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/11/24 17:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1932857-4								
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2428308

Project Number: 086328 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/11/24 17:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1932857-4								
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2428308
Report Date: 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15
Analytical Date: 06/11/24 17:46

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab for sample(s): 01-06 Batch: WG1932857-4								
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
o-Xylene	ND	0.200	--	ND	0.869	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: 701-705 EAST FAYETTE ST. **Lab Number:** L2428308

Project Number: 086328 **Report Date:** 06/13/24

Method Blank Analysis
Batch Quality Control

Analytical Method: 48,TO-15-SIM
Analytical Date: 06/11/24 18:25

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab for sample(s): 01,04-05 Batch: WG1932859-4								
Vinyl chloride	ND	0.020	--	ND	0.051	--		1
1,1-Dichloroethene	ND	0.020	--	ND	0.079	--		1
cis-1,2-Dichloroethene	ND	0.020	--	ND	0.079	--		1
1,1,1-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Carbon tetrachloride	ND	0.020	--	ND	0.126	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1932857-3								
Dichlorodifluoromethane	93		-		70-130	-		
Chloromethane	92		-		70-130	-		
Freon-114	104		-		70-130	-		
Vinyl chloride	105		-		70-130	-		
1,3-Butadiene	103		-		70-130	-		
Bromomethane	104		-		70-130	-		
Chloroethane	108		-		70-130	-		
Ethanol	101		-		40-160	-		
Vinyl bromide	98		-		70-130	-		
Acetone	99		-		40-160	-		
Trichlorofluoromethane	90		-		70-130	-		
Isopropanol	81		-		40-160	-		
1,1-Dichloroethene	115		-		70-130	-		
Tertiary butyl Alcohol	105		-		70-130	-		
Methylene chloride	94		-		70-130	-		
3-Chloropropene	115		-		70-130	-		
Carbon disulfide	93		-		70-130	-		
Freon-113	103		-		70-130	-		
trans-1,2-Dichloroethene	109		-		70-130	-		
1,1-Dichloroethane	111		-		70-130	-		
Methyl tert butyl ether	100		-		70-130	-		
2-Butanone	102		-		70-130	-		
cis-1,2-Dichloroethene	115		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328
Lab Number: L2428308
Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1932857-3								
Ethyl Acetate	118		-		70-130	-		
Chloroform	102		-		70-130	-		
Tetrahydrofuran	102		-		70-130	-		
1,2-Dichloroethane	104		-		70-130	-		
n-Hexane	111		-		70-130	-		
1,1,1-Trichloroethane	99		-		70-130	-		
Benzene	94		-		70-130	-		
Carbon tetrachloride	96		-		70-130	-		
Cyclohexane	109		-		70-130	-		
1,2-Dichloropropane	108		-		70-130	-		
Bromodichloromethane	102		-		70-130	-		
1,4-Dioxane	104		-		70-130	-		
Trichloroethene	100		-		70-130	-		
2,2,4-Trimethylpentane	115		-		70-130	-		
Heptane	102		-		70-130	-		
cis-1,3-Dichloropropene	100		-		70-130	-		
4-Methyl-2-pentanone	105		-		70-130	-		
trans-1,3-Dichloropropene	100		-		70-130	-		
1,1,2-Trichloroethane	103		-		70-130	-		
Toluene	98		-		70-130	-		
2-Hexanone	102		-		70-130	-		
Dibromochloromethane	102		-		70-130	-		
1,2-Dibromoethane	94		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 Batch: WG1932857-3								
Tetrachloroethene	92		-		70-130	-		
Chlorobenzene	96		-		70-130	-		
Ethylbenzene	101		-		70-130	-		
p/m-Xylene	102		-		70-130	-		
Bromoform	98		-		70-130	-		
Styrene	99		-		70-130	-		
1,1,2,2-Tetrachloroethane	102		-		70-130	-		
o-Xylene	105		-		70-130	-		
4-Ethyltoluene	96		-		70-130	-		
1,3,5-Trimethylbenzene	98		-		70-130	-		
1,2,4-Trimethylbenzene	102		-		70-130	-		
Benzyl chloride	110		-		70-130	-		
1,3-Dichlorobenzene	97		-		70-130	-		
1,4-Dichlorobenzene	96		-		70-130	-		
1,2-Dichlorobenzene	94		-		70-130	-		
1,2,4-Trichlorobenzene	89		-		70-130	-		
Naphthalene	96		-		70-130	-		
Hexachlorobutadiene	90		-		70-130	-		

Lab Control Sample Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,04-05 Batch: WG1932859-3								
Vinyl chloride	100		-		70-130	-		25
1,1-Dichloroethene	110		-		70-130	-		25
cis-1,2-Dichloroethene	106		-		70-130	-		25
1,1,1-Trichloroethane	91		-		70-130	-		25
Carbon tetrachloride	89		-		70-130	-		25
Trichloroethene	94		-		70-130	-		25
Tetrachloroethene	85		-		70-130	-		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1932857-5 QC Sample: L2428308-04 Client ID: IA-02						
Dichlorodifluoromethane	0.482	0.480	ppbV	0		25
Chloromethane	0.614	0.602	ppbV	2		25
Freon-114	ND	ND	ppbV	NC		25
1,3-Butadiene	ND	ND	ppbV	NC		25
Bromomethane	ND	ND	ppbV	NC		25
Chloroethane	ND	ND	ppbV	NC		25
Ethanol	14.3	15.0	ppbV	5		25
Vinyl bromide	ND	ND	ppbV	NC		25
Acetone	9.39	8.70	ppbV	8		25
Trichlorofluoromethane	0.202	0.204	ppbV	1		25
Isopropanol	0.715	0.706	ppbV	1		25
Tertiary butyl Alcohol	ND	ND	ppbV	NC		25
Methylene chloride	ND	ND	ppbV	NC		25
3-Chloropropene	ND	ND	ppbV	NC		25
Carbon disulfide	ND	ND	ppbV	NC		25
Freon-113	ND	ND	ppbV	NC		25
trans-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1-Dichloroethane	ND	ND	ppbV	NC		25
Methyl tert butyl ether	ND	ND	ppbV	NC		25
2-Butanone	0.951	0.930	ppbV	2		25
Ethyl Acetate	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1932857-5 QC Sample: L2428308-04 Client ID: IA-02						
Chloroform	ND	ND	ppbV	NC		25
Tetrahydrofuran	ND	ND	ppbV	NC		25
1,2-Dichloroethane	ND	ND	ppbV	NC		25
n-Hexane	1.49	1.49	ppbV	0		25
Benzene	0.878	0.876	ppbV	0		25
Cyclohexane	0.379	0.382	ppbV	1		25
1,2-Dichloropropane	ND	ND	ppbV	NC		25
Bromodichloromethane	ND	ND	ppbV	NC		25
1,4-Dioxane	ND	ND	ppbV	NC		25
2,2,4-Trimethylpentane	1.92	1.92	ppbV	0		25
Heptane	0.660	0.671	ppbV	2		25
cis-1,3-Dichloropropene	ND	ND	ppbV	NC		25
4-Methyl-2-pentanone	1.12	1.11	ppbV	1		25
trans-1,3-Dichloropropene	ND	ND	ppbV	NC		25
1,1,2-Trichloroethane	ND	ND	ppbV	NC		25
Toluene	7.45	7.25	ppbV	3		25
2-Hexanone	ND	ND	ppbV	NC		25
Dibromochloromethane	ND	ND	ppbV	NC		25
1,2-Dibromoethane	ND	ND	ppbV	NC		25
Chlorobenzene	ND	ND	ppbV	NC		25
Ethylbenzene	1.27	1.23	ppbV	3		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air - Mansfield Lab Associated sample(s): 01-06 QC Batch ID: WG1932857-5 QC Sample: L2428308-04 Client ID: IA-02						
p/m-Xylene	3.54	3.45	ppbV	3		25
Bromoform	ND	ND	ppbV	NC		25
Styrene	ND	ND	ppbV	NC		25
1,1,2,2-Tetrachloroethane	ND	ND	ppbV	NC		25
o-Xylene	1.43	1.41	ppbV	1		25
4-Ethyltoluene	0.200	0.206	ppbV	3		25
1,3,5-Trimethylbenzene	0.255	0.243	ppbV	5		25
1,2,4-Trimethylbenzene	1.04	1.02	ppbV	2		25
Benzyl chloride	ND	ND	ppbV	NC		25
1,3-Dichlorobenzene	ND	ND	ppbV	NC		25
1,4-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2-Dichlorobenzene	ND	ND	ppbV	NC		25
1,2,4-Trichlorobenzene	ND	ND	ppbV	NC		25
Naphthalene	ND	ND	ppbV	NC		25
Hexachlorobutadiene	ND	ND	ppbV	NC		25

Lab Duplicate Analysis
Batch Quality Control

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
Volatile Organics in Air by SIM - Mansfield Lab Associated sample(s): 01,04-05 QC Batch ID: WG1932859-5 QC Sample: L2428308-04 Client ID: IA-02						
Vinyl chloride	ND	ND	ppbV	NC		25
1,1-Dichloroethene	ND	ND	ppbV	NC		25
cis-1,2-Dichloroethene	ND	ND	ppbV	NC		25
1,1,1-Trichloroethane	ND	ND	ppbV	NC		25
Carbon tetrachloride	0.069	0.070	ppbV	1		25
Trichloroethene	ND	ND	ppbV	NC		25
Tetrachloroethene	ND	ND	ppbV	NC		25

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2428308

Project Number: 086328

Report Date: 06/13/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2428308-01	IA-01	01885	Flow 5	05/16/24	468519		-	-	-	Pass	4.5	4.5	0
L2428308-01	IA-01	538	2.7L Can	05/16/24	468519	L2425491-01	Pass	-29.0	-5.5	-	-	-	-
L2428308-02	SS-01	0846	Flow 5	05/16/24	468519		-	-	-	Pass	4.6	4.9	6
L2428308-02	SS-01	557	2.7L Can	05/16/24	468519	L2425491-01	Pass	-29.1	-5.0	-	-	-	-
L2428308-03	SS-02	01419	Flow 5	05/16/24	468519		-	-	-	Pass	4.5	4.7	4
L2428308-03	SS-02	466	2.7L Can	05/16/24	468519	L2425491-01	Pass	-28.9	-5.8	-	-	-	-
L2428308-04	IA-02	01487	Flow 5	05/16/24	468519		-	-	-	Pass	4.6	5.2	12
L2428308-04	IA-02	449	2.7L Can	05/16/24	468519	L2425491-01	Pass	-28.9	-6.0	-	-	-	-
L2428308-05	IA-03	0246	Flow 5	05/16/24	468519		-	-	-	Pass	4.5	4.5	0
L2428308-05	IA-03	2737	2.7L Can	05/16/24	468519	L2425491-01	Pass	-28.9	-5.4	-	-	-	-
L2428308-06	SS-03	0875	Flow 4	05/16/24	468519		-	-	-	Pass	4.5	5.1	13
L2428308-06	SS-03	4396	2.7L Can	05/16/24	468519	L2420399-20	Pass	-28.6	-4.5	-	-	-	-
L2428308-07	UNUSED CAN 3995	01171	Flow 2	05/16/24	468519		-	-	-	Pass	15.0	14.9	1
L2428308-07	UNUSED CAN 3995	3995	1.0L Can	05/16/24	468519	L2424005-06	Pass	-28.9	-29.4	-	-	-	-
L2428308-08	UNUSED CAN 3671	01926	Flow 2	05/16/24	468519		-	-	-	Pass	15.0	15.1	1

Project Name: 701-705 EAST FAYETTE ST.

Lab Number: L2428308

Project Number: 086328

Report Date: 06/13/24

Canister and Flow Controller Information

Samplenum	Client ID	Media ID	Media Type	Date Prepared	Bottle Order	Cleaning Batch ID	Can Leak Check	Initial Pressure (in. Hg)	Pressure on Receipt (in. Hg)	Flow Controler Leak Chk	Flow Out mL/min	Flow In mL/min	% RPD
L2428308-08	UNUSED CAN 3671	3671	1.0L Can	05/16/24	468519	L2424005-06	Pass	-28.7	-29.5	-	-	-	-
L2428308-09	UNUSED CAN 2504	01541	Flow 3	05/16/24	468519		-	-	-	Pass	15.1	14.4	5
L2428308-09	UNUSED CAN 2504	2504	1.0L Can	05/16/24	468519	L2424005-06	Pass	-28.9	-29.3	-	-	-	-

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV

Lab Number: L2420399
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 04/23/24 04:21
Analyst: JFI

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2420399

Project Number: CANISTER QC INDIV **Report Date:** 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, Total	ND	0.200	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	0.200	--	ND	0.793	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2420399

Project Number: CANISTER QC INDIV **Report Date:** 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2420399
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: INDIV. CANISTER CERTIFICATION
Project Number: CANISTER QC INDIV
Lab Number: L2420399
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

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

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2420399

Project Number: CANISTER QC INDIV **Report Date:** 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 04/23/24 04:21
Analyst: JFI

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

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2420399

Project Number: CANISTER QC INDIV **Report Date:** 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1

Project Name: INDIV. CANISTER CERTIFICATION **Lab Number:** L2420399

Project Number: CANISTER QC INDIV **Report Date:** 06/13/24

Air Canister Certification Results

Lab ID: L2420399-20
Client ID: 4396
Sample Location:

Date Collected: 04/12/24 12:00
Date Received: 04/13/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	96		60-140
bromochloromethane	98		60-140
chlorobenzene-d5	96		60-140

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

Lab Number: L2424005
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2424005-06
Client ID: CAN 2497 SHELF 7
Sample Location:

Date Collected: 05/02/24 12:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/03/24 00:11
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2424005
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2424005-06
Client ID: CAN 2497 SHELF 7
Sample Location:

Date Collected: 05/02/24 12:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2424005
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2424005-06
Client ID: CAN 2497 SHELF 7
Sample Location:

Date Collected: 05/02/24 12:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2424005
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2424005-06
Client ID: CAN 2497 SHELF 7
Sample Location:

Date Collected: 05/02/24 12:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2424005
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2424005-06
Client ID: CAN 2497 SHELF 7
Sample Location:

Date Collected: 05/02/24 12:00
Date Received: 05/02/24
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	100		60-140
Bromochloromethane	103		60-140
chlorobenzene-d5	98		60-140

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15
Analytical Date: 05/09/24 16:53
Analyst: RAY

	ppbV			ug/m3				
Parameter	**Results**	**RL**	**MDL**	**Results**	**RL**	**MDL**	**Qualifier**	**Dilution Factor**
Volatile Organics in Air - Mansfield Lab								
Chlorodifluoromethane	ND	0.200	--	ND	0.707	--		1
Propylene	ND	0.500	--	ND	0.861	--		1
Propane	ND	0.500	--	ND	0.902	--		1
Dichlorodifluoromethane	ND	0.200	--	ND	0.989	--		1
Chloromethane	ND	0.200	--	ND	0.413	--		1
Freon-114	ND	0.200	--	ND	1.40	--		1
Methanol	ND	5.00	--	ND	6.55	--		1
Vinyl chloride	ND	0.200	--	ND	0.511	--		1
1,3-Butadiene	ND	0.200	--	ND	0.442	--		1
Butane	ND	0.200	--	ND	0.475	--		1
Bromomethane	ND	0.200	--	ND	0.777	--		1
Chloroethane	ND	0.200	--	ND	0.528	--		1
Ethanol	ND	5.00	--	ND	9.42	--		1
Dichlorofluoromethane	ND	0.200	--	ND	0.842	--		1
Vinyl bromide	ND	0.200	--	ND	0.874	--		1
Acrolein	ND	0.500	--	ND	1.15	--		1
Acetone	ND	1.00	--	ND	2.38	--		1
Acetonitrile	ND	0.200	--	ND	0.336	--		1
Trichlorofluoromethane	ND	0.200	--	ND	1.12	--		1
Isopropanol	ND	0.500	--	ND	1.23	--		1
Acrylonitrile	ND	0.500	--	ND	1.09	--		1
Pentane	ND	0.200	--	ND	0.590	--		1
Ethyl ether	ND	0.200	--	ND	0.606	--		1
1,1-Dichloroethene	ND	0.200	--	ND	0.793	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Tertiary butyl Alcohol	ND	0.500	--	ND	1.52	--		1
Methylene chloride	ND	0.500	--	ND	1.74	--		1
3-Chloropropene	ND	0.200	--	ND	0.626	--		1
Carbon disulfide	ND	0.200	--	ND	0.623	--		1
Freon-113	ND	0.200	--	ND	1.53	--		1
trans-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
1,1-Dichloroethane	ND	0.200	--	ND	0.809	--		1
Methyl tert butyl ether	ND	0.200	--	ND	0.721	--		1
Vinyl acetate	ND	1.00	--	ND	3.52	--		1
Xylenes, total	ND	0.600	--	ND	0.869	--		1
2-Butanone	ND	0.500	--	ND	1.47	--		1
cis-1,2-Dichloroethene	ND	0.200	--	ND	0.793	--		1
Ethyl Acetate	ND	0.500	--	ND	1.80	--		1
Chloroform	ND	0.200	--	ND	0.977	--		1
Tetrahydrofuran	ND	0.500	--	ND	1.47	--		1
2,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
1,2-Dichloroethane	ND	0.200	--	ND	0.809	--		1
n-Hexane	ND	0.200	--	ND	0.705	--		1
Diisopropyl ether	ND	0.200	--	ND	0.836	--		1
tert-Butyl Ethyl Ether	ND	0.200	--	ND	0.836	--		1
1,2-Dichloroethene (total)	ND	1.00	--	ND	1.00	--		1
1,1,1-Trichloroethane	ND	0.200	--	ND	1.09	--		1
1,1-Dichloropropene	ND	0.200	--	ND	0.908	--		1
Benzene	ND	0.200	--	ND	0.639	--		1
Carbon tetrachloride	ND	0.200	--	ND	1.26	--		1
Cyclohexane	ND	0.200	--	ND	0.688	--		1
tert-Amyl Methyl Ether	ND	0.200	--	ND	0.836	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
Dibromomethane	ND	0.200	--	ND	1.42	--		1
1,2-Dichloropropane	ND	0.200	--	ND	0.924	--		1
Bromodichloromethane	ND	0.200	--	ND	1.34	--		1
1,4-Dioxane	ND	0.200	--	ND	0.721	--		1
Trichloroethene	ND	0.200	--	ND	1.07	--		1
2,2,4-Trimethylpentane	ND	0.200	--	ND	0.934	--		1
Methyl Methacrylate	ND	0.500	--	ND	2.05	--		1
Heptane	ND	0.200	--	ND	0.820	--		1
cis-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.200	--	ND	0.908	--		1
1,1,2-Trichloroethane	ND	0.200	--	ND	1.09	--		1
Toluene	ND	0.200	--	ND	0.754	--		1
1,3-Dichloropropane	ND	0.200	--	ND	0.924	--		1
2-Hexanone	ND	0.200	--	ND	0.820	--		1
Dibromochloromethane	ND	0.200	--	ND	1.70	--		1
1,2-Dibromoethane	ND	0.200	--	ND	1.54	--		1
Butyl acetate	ND	0.500	--	ND	2.38	--		1
Octane	ND	0.200	--	ND	0.934	--		1
Tetrachloroethene	ND	0.200	--	ND	1.36	--		1
1,1,1,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1
Chlorobenzene	ND	0.200	--	ND	0.921	--		1
Ethylbenzene	ND	0.200	--	ND	0.869	--		1
p/m-Xylene	ND	0.400	--	ND	1.74	--		1
Bromoform	ND	0.200	--	ND	2.07	--		1
Styrene	ND	0.200	--	ND	0.852	--		1
1,1,2,2-Tetrachloroethane	ND	0.200	--	ND	1.37	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air - Mansfield Lab								
o-Xylene	ND	0.200	--	ND	0.869	--		1
1,2,3-Trichloropropane	ND	0.200	--	ND	1.21	--		1
Nonane	ND	0.200	--	ND	1.05	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
Bromobenzene	ND	0.200	--	ND	0.793	--		1
2-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
n-Propylbenzene	ND	0.200	--	ND	0.983	--		1
4-Chlorotoluene	ND	0.200	--	ND	1.04	--		1
4-Ethyltoluene	ND	0.200	--	ND	0.983	--		1
1,3,5-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
tert-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trimethylbenzene	ND	0.200	--	ND	0.983	--		1
Decane	ND	0.200	--	ND	1.16	--		1
Benzyl chloride	ND	0.200	--	ND	1.04	--		1
1,3-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
1,4-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.200	--	ND	1.20	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2-Dibromo-3-chloropropane	ND	0.200	--	ND	1.93	--		1
Undecane	ND	0.200	--	ND	1.28	--		1
Dodecane	ND	0.200	--	ND	1.39	--		1
1,2,4-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Naphthalene	ND	0.200	--	ND	1.05	--		1
1,2,3-Trichlorobenzene	ND	0.200	--	ND	1.48	--		1
Hexachlorobutadiene	ND	0.200	--	ND	2.13	--		1

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

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

	Results	Qualifier	Units	RDL	Dilution Factor
Tentatively Identified Compounds					

No Tentatively Identified Compounds

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-Difluorobenzene	93		60-140
Bromochloromethane	92		60-140
chlorobenzene-d5	94		60-140

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

Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:
Matrix: Air
Anaytical Method: 48,TO-15-SIM
Analytical Date: 05/09/24 16:53
Analyst: RAY

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

Project Name: BATCH CANISTER CERTIFICATION
Project Number: CANISTER QC BAT
Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
1,2-Dichloropropane	ND	0.020	--	ND	0.092	--		1
Bromodichloromethane	ND	0.020	--	ND	0.134	--		1
1,4-Dioxane	ND	0.100	--	ND	0.360	--		1
Trichloroethene	ND	0.020	--	ND	0.107	--		1
cis-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
4-Methyl-2-pentanone	ND	0.500	--	ND	2.05	--		1
trans-1,3-Dichloropropene	ND	0.020	--	ND	0.091	--		1
1,1,2-Trichloroethane	ND	0.020	--	ND	0.109	--		1
Toluene	ND	0.100	--	ND	0.377	--		1
Dibromochloromethane	ND	0.020	--	ND	0.170	--		1
1,2-Dibromoethane	ND	0.020	--	ND	0.154	--		1
Tetrachloroethene	ND	0.020	--	ND	0.136	--		1
1,1,1,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
Chlorobenzene	ND	0.100	--	ND	0.461	--		1
Ethylbenzene	ND	0.020	--	ND	0.087	--		1
p/m-Xylene	ND	0.040	--	ND	0.174	--		1
Bromoform	ND	0.020	--	ND	0.207	--		1
Styrene	ND	0.020	--	ND	0.085	--		1
1,1,2,2-Tetrachloroethane	ND	0.020	--	ND	0.137	--		1
o-Xylene	ND	0.020	--	ND	0.087	--		1
Isopropylbenzene	ND	0.200	--	ND	0.983	--		1
4-Ethyltoluene	ND	0.020	--	ND	0.098	--		1
1,3,5-Trimethybenzene	ND	0.020	--	ND	0.098	--		1
1,2,4-Trimethylbenzene	ND	0.020	--	ND	0.098	--		1
Benzyl chloride	ND	0.100	--	ND	0.518	--		1
1,3-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
1,4-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1

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

Lab Number: L2425491
Report Date: 06/13/24

Air Canister Certification Results

Lab ID: L2425491-01
Client ID: CAN 469 SHELF 4
Sample Location:

Date Collected: 05/08/24 16:00
Date Received: 05/09/24
Field Prep: Not Specified

Sample Depth:

Parameter	ppbV Results	ppbV RL	ppbV MDL	ug/m3 Results	ug/m3 RL	ug/m3 MDL	Qualifier	Dilution Factor
Volatile Organics in Air by SIM - Mansfield Lab								
sec-Butylbenzene	ND	0.200	--	ND	1.10	--		1
p-Isopropyltoluene	ND	0.200	--	ND	1.10	--		1
1,2-Dichlorobenzene	ND	0.020	--	ND	0.120	--		1
n-Butylbenzene	ND	0.200	--	ND	1.10	--		1
1,2,4-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Naphthalene	ND	0.050	--	ND	0.262	--		1
1,2,3-Trichlorobenzene	ND	0.050	--	ND	0.371	--		1
Hexachlorobutadiene	ND	0.050	--	ND	0.533	--		1

Internal Standard	% Recovery	Qualifier	Acceptance Criteria
1,4-difluorobenzene	95		60-140
bromochloromethane	96		60-140
chlorobenzene-d5	95		60-140

Project Name: 701-705 EAST FAYETTE ST.
Project Number: 086328

Lab Number: L2428308
Report Date: 06/13/24

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(*)
L2428308-01A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-SIM(30),TO15-LL(30)
L2428308-02A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2428308-03A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2428308-04A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2428308-05A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30),TO15-SIM(30)
L2428308-06A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		TO15-LL(30)
L2428308-07A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()
L2428308-08A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()
L2428308-09A	Canister - 2.7L (Batch Certified)	NA	NA			Y	Absent		CLEAN-FEE()

*Values in parentheses indicate holding time in days

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2428308
Project Number:	086328	**Report Date:**	06/13/24

GLOSSARY

Acronyms

DL - Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the limit of quantitation (LOQ). The DL includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EMPC - Estimated Maximum Possible Concentration: The concentration that results from the signal present at the retention time of an analyte when the ions meet all of the identification criteria except the ion abundance ratio criteria. An EMPC is a worst-case estimate of the concentration.

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LOD - Limit of Detection: This value represents the level to which a target analyte can reliably be detected for a specific analyte in a specific matrix by a specific method. The LOD includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

LOQ - Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

Limit of Quantitation: The value at which an instrument can accurately measure an analyte at a specific concentration. The LOQ includes any adjustments from dilutions, concentrations or moisture content, where applicable. (DoD report formats only.)

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available. For Method 332.0, the spike recovery is calculated using the native concentration, including estimated values.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NDPA/DPA - N-Nitrosodiphenylamine/Diphenylamine.

NI - Not Ignitable.

NP - Non-Plastic: Term is utilized for the analysis of Atterberg Limits in soil.

NR - No Results: Term is utilized when 'No Target Compounds Requested' is reported for the analysis of Volatile or Semivolatile Organic TIC only requests.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

STLP - Semi-dynamic Tank Leaching Procedure per EPA Method 1315.

TEF - Toxic Equivalency Factors: The values assigned to each dioxin and furan to evaluate their toxicity relative to 2,3,7,8-TCDD.

TEQ - Toxic Equivalent: The measure of a sample's toxicity derived by multiplying each dioxin and furan by its corresponding TEF and then summing the resulting values.

TIC - Tentatively Identified Compound: A compound that has been identified to be present and is not part of the target compound list (TCL) for the method and/or program. All TICs are qualitatively identified and reported as estimated concentrations.

Report Format: Data Usability Report

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2428308
Project Number:	086328	**Report Date:**	06/13/24

Footnotes

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

Terms

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

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

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

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

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

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

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

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

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

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

Data Qualifiers

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

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

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

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

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

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

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

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

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

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

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

Report Format: Data Usability Report

Project Name:	701-705 EAST FAYETTE ST.	**Lab Number:**	L2428308
Project Number:	086328	**Report Date:**	06/13/24

Data Qualifiers

ND - Not detected at the reporting limit (RL) for the sample.

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

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

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

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

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

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

Report Format: Data Usability Report

REFERENCES

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

LIMITATION OF LIABILITIES

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

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

Certification Information

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

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

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

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

Westborough Facility:

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

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

Mansfield Facility:

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

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

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

Serial_No:06132415:55

AIR ANALYSIS

ALPHA ANALYTICAL

CHAIN OF CUSTODY

PAGE 1 OF 1

Date Rec'd in Lab: 5/22/24

ALPHA Job #: L2428308

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

Client Information

Client: CHA Consulting
Address: 300 S. State St
Syracuse, NY 13202
Phone: 315-257-7154
Fax: –
Email: Smiller@chasolutions.com

❑ These samples have been previously analyzed by Alpha

Project Information

Project Name: 701-705 East Fayette St
Project Location: Syracuse, NY
Project #: 086328
Project Manager: Smiller(CHA) Mdey(PACE)
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 #: 08632805

Regulatory Requirements/Report Limits

State/Fed	Program	Res / Comm

Other Project Specific Requirements/Comments: CHA did not use 1 Liter cannisters.

Project-Specific Target Compound List: ❑ cc ahodgens@chasolutions.com + kehmann@chasolutions.com

All Columns Below Must Be Filled Out

ALPHA Lab ID (Lab Use Only)	Sample ID	End Date	Start Time	End Time	Initial Vacuum	Final Vacuum	Sample Matrix*	Sampler's Initials	Can Size	I D Can	I D - Flow Controller	TO-15	TO-15 SIM	APH	Fixed Gases	Sulfides & Mercaptans by TO-15	Sample Comments (i.e. PID)
28308 -01	IA-01	5-21-24	7:38	15:41	-29.40	-5.11	AA	AH	2.7L	538	01885	X	X				
-02	SS-01	↓	7:46	15:46	-29.82	-5.06	SV	↓	↓	557	0846	↓	↓				
-03	SS-02	↓	7:54	15:56	-29.40	-5.23	SV	↓	↓	466	01419	↓	↓				
-04	IA-02	↓	7:57	15:13	-29.60	-5.08	AA	↓	↓	449	01487	↓	↓				
-05	IA-03	↓	8:06	16:08	-29.13	-4.89	AA	↓	↓	2737	0246	↓	↓				
-06	SS-03	↓	8:10	16:12	-28.13	-5.02	SV	↓	↓	4396	0875	↓	↓				

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

Container Type: 2.7L

Relinquished By:	Date/Time	Received By:	Date/Time:
Andrew Hodgens	5-21-24 1655	[signature]	5/21/24 1830
[signature]	5/21/24 1830	[signature]	5/21/24 1830
[signature]	5/21/24 1830	[signature]	5/22/24 140
[signature]	5/22/24 0500	R. Mendoza AAL	5/22/24 0533

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.

Rec Client 5/22/24 0720
Rec 5/22/24 0723 AAL R. Mendoza

(25-Sep-15)